DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY

The First Pharmacy University of India



1 GPAT



PHARMANNUAL 2021-2022

- 1ST ALL INDIA RANK IN GPAT
- 1ST RESEARCH PROMOTION AWARD CEREMONY
- 6 FACULTIES IN TOP 2% WORLD SCIENTISTS
- 9 NEW COURSES STARTED
- DILLI KI YOGSHALA
- NEW GC/BOG/AC & BOS
- 4TH CONVOCATION CEREMONY
- DPSRU-CENTRE FOR PRECISION MEDICINE & PHARMACY
- DSIR-CRTDH-CAFT

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सत्यमेव जयते

Azadi Ka Amrit Mahotsav

राज निवास
दिल्ली-११००५४
RAJ NIWAS
DELHI-110054



MESSAGE

I am pleased to learn that the Delhi Pharmaceutical Sciences and Research University (DPSRU), the first Pharmacy University in India and third in the world dedicated to pharmaceutical and health sciences is bringing out its Annual Report for the year 2021-22. In last 6 years the University has been working hard to attain high standards of academic excellence, particularly in the field of research, innovation and incubation.

With the introduction of new courses in fields like pharmacy, public health, hospital management, laboratory technology, artificial intelligence, yoga, meditation, and Ayurveda, it is truly becoming a multi-disciplinary University as mandated by New Education Policy 2020. The University's contribution in providing skilled and specialized human resource for the healthcare system is widely recognized. Its endeavours in terms of quantity and quality of research publications, and linkages with various Hospitals, National and International institutions are appreciable.

I wish the staff and the students of DPSRU the very best in their future endevours.

(Vinai Kumar Saxena)

NATIONAL HEART INSTITUTE

Transplanting Health & Happiness

NABH ACCREDITED



MESSAGE

It gives me immense pleasure and pride to write a few words of compliments for Delhi Pharmaceutical Sciences and Research University in Pharmannual 2021-22. Delhi Pharmaceutical Sciences and Research University, the first Pharmaceutical University in Asia in the Capital City of Delhi is currently dedicated to research in entire gamut of pharmaceutical and health sciences.

The period May-June 2021 witnessed the wide spread pandemic and second wave of Covid-19, despite this, DPSRU continued moving beyond pandemics and signed MoU with All India Institute of Ayurveda, National Institute of Biologicals and several other hospitals and national institutions to facilitate internship and placement in healthcare sector. It had opened 'Paediatric Physiotherapy Unit' and 'Community Health Facility' in the University.

Although, it is difficult to say "Pandemic has subsided". It is certainly not over, neither it is havoc as it was in '2020-21'. Whatever may be the case, pandemic has opened up several new normals and the Pharmaceutical Sciences University like DPSRU needs to reinvent themselves. I am fully confident Pharmannual 2021-22 will bring out all above brilliant and scintillating aspects of the university very well.

I whole heartedly congratulate and appreciate the efforts and hard work of the faculty and students and thank all the faculty members for their immense contribution for uninterrupted academic and overall progress in this year.

Shridhar Dwivedi
10.8.2022

Professor (Dr.) Shridhar Dwivedi
MD, PhD, FAMS, FRCP (U.K.), FIACS (Canada)
Senior Consultant Cardiologist and
Head, Academics, National Heart Institute
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Delhi Pharmaceutical Sciences and Research University

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MANISH SISODIA
मनीष सिसोदिया

सत्यमेव जयते

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D.O. No. : DyCM/2022/400
Date : 30.06.2022



MESSAGE

I am glad to learn that the "Delhi Pharmaceutical Sciences and Research University (DPSRU)" is publishing Annual Report for the year 2021-22. The pharmaceutical sector has been a key asset in the international pursuit of health for humankind.

An initiative has been taken up by the Government of Delhi to set up a Dhyan and Yoga Kendra in the State. The Delhi Pharmaceutical Sciences and Research University (DPSRU) launched Dilli ki Yogshala programme, which has been entrusted with this work for imparting this science and education in the form of 1 year Diploma Course (3 trimester, 4 months each) and also as the outreach programme to benefit general public of Delhi. It has started functioning at hundreds of places at different locations of Delhi.

I appreciate the efforts and hard work of the faculty and students and thank all the faculty members for their immense contribution for uninterrupted academic and overall progress in this year. I also wish for the successful publication of the Annual Report of the University.

(MANISH SISODIA)

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

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

सत्यमेव जयते



MESSAGE

I am happy to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) is publishing Pharmannual 2021-22.

DPSR University, the first pharmacy university in India and third in the established world, has recently added various Centers of Excellence such as Precision Pharmacy & Medicine Center of DKDF, Govt. of Delhi, Centre for Advanced Formulation Technologies of DSIR-CRTDS, Govt. of India; Pediatric Unit; Community Public Health; BioNest Bioincubator Center of DBT-BIRAC. It is expected that this will bring out innovative pharmaceutical products for the benefit of patients.

DPSR University provides a rich and diversified culture to enable the young and budding brains to meet the ever changing global challenges. I am pleased that students have chosen to explore the opportunities that DPSR University offers here and I am also confident that students would find excitement and experience here.

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.

28/6/22

(NARESH KUMAR)

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सत्यमेव जयते

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Dr. ASHISH CHANDRA VERMA
Pr. Secretary (Finance)

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दिनांक
Date



MESSAGE

I am delighted to learn that Delhi Pharmaceutical Sciences and Research University (DPSRU) is publishing Pharrnannual 2021-22.

DPSR University is working towards making it as one of the best Pharmaceutical Universities in the country by utilizing Computer and I.T. Technology, so that important functions of the University

DPSR University has contributed significantly in the fight against COVID 19. It has undertaken development of special masks, sanitizers and low cost ventilators, besides public awareness programs. Second wave of Covid-19 was disappointing but not disheartening. Activities continued and product of the University for "COROQUIL-Zinc" got approval by SLA of Tamilnadu for manufacture & sale and Clinical Trials for Covid- 19 patients got successfully completed. It is heartening to note that DPSRU has taken a lead to bring out research based herbal formulation that is novel because it modulates prime target the virus i.e. ACE-2.

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

(Dr. Ashish Chandra Verma)
Principal Secretary (Finance), GNCTD

R. Alice Vaz, IAS
Secretary



सत्यमेव जयते

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दिनांक :
Date : 23.06.2022

MESSAGE

I am very happy to note that Delhi Pharmaceutical Sciences and Research University (DPSRU) has brought out - Pharmannual 2021-22" reflecting overall performance of the University. Health Science is ever-changing and every now and then new techniques, diagnostics methods and treatment modalities keep changing in the pursuit of providing the best medical treatment to ailing humanity. In order to fulfill the objective of creating highly skilled and knowledgeable human resources, the DPSR University is fully committed to impart training and skills to different levels of the students.

I appreciate the efforts of the Vice-Chancellor, his mentors, the members of General Council, Board of Governance, Academic Council and Board of Studies to bring excellence. The signing of MoU with the prestigious All India Institute of Ayurveda (AIIA), Indian Pharmacopoeia Commission, THSTI, RCDC, NIB, VSAL, and many others during the year will certainly go a long way in the progress of the University.

I wish the DPSR University shall aspire to be the role models for other Institutions to follow in terms of quality of teaching and research.

(R. Alice Vaz)

FROM THE DESK OF HON'BLE VICE CHANCELLOR



DPSRU thrives to create the state-of-the-art infrastructure research facilities. The first Pharmacy University of India, DPSRU had unique Ocular Pharmacology lab, Clinical Research Centre, Herbal Drug Technology and Nanotechnology Centers. In 2021–22, it initiated for the establishment of not only the BioNest Bioincubator Center of DBT-BIRAC and Precision Pharmacy & Medicine Center of DKDF, Govt. of NCT of Delhi, but also successfully got project of Rs. 8.3 Crores from DST, Govt. of India for the establishment of Centre for Advanced Formulation Technologies under CRTDS of DSIR, Govt. of India. This has enabled the University to establish linkages with industries for the promotion of science. Currently, the University has more than 35 MoUs signed with National Government institutions and Pharma Industry.

DPSRU aims to cultivate the spirit of embracing internationalism, diversity and competitiveness amongst students, such that novel and creative ideas are harnessed, leading to unique discoveries and inventions for the advantage of society at large. The University has collaborations with countries like the UK, West Indies, Portugal, Philippines, Malaysia, Thailand and even China. The Vice Chancellor has a distinction of being the second only non-Russian conferred with the Honorary Professorship at the Stavropol State Medical University of Russia and in 2021–22, appointment of the Vice Chancellor as the Distinguished Visiting Professorship at the UCSI University of Kula Lumpur, Malaysia opened the opportunities for collaboration in research, dual-degree program and faculty and student exchange programs.

DPSRU is expanding its horizons in terms of establishment of various units such as Paediatric Physiotherapy Unit, Centre for Yoga and Meditation Sciences, and Community Health Facility of School of Allied Health Sciences. In 2021–22, we started 9 new courses i.e. DMLT, BMLT, B.Pharm (Ayurveda), BBA (Community Healthcare), PG Diploma in Plant Tissue Culture, MBA (Pharma Economics and Trade), M.Sc. (Artificial Intelligence and Precision Medicine), MPT (Sport Medicine) and Executive M.Pharm (Drug Regulatory Science). From this year (2022–23) we are planning to start two new courses i.e. B.Sc. (Nursing) and B.Sc. in Biomedical Sciences.

Six faculty members are in the list of top 2% scientists in the world published by Stanford University or in top 10000 scientists in Asia/ India etc. Some scientists included in the list are: Prof. Ramesh K. Goyal, Prof. Deepti Pandita, Dr. SushamaTalegaonkar, Dr. Prabodh Chander Sharma, Dr. Devesh Tewari and Dr Gaurav Jain. In a recent list published in PLOS Biology, 12 faculty members of DPSRU are in the list of top scientists of the world (~ 20,000). Our faculty members published 165 research papers as well as 24 books and book-chapters, granted 02 pacents and filed 04 additional patents in this year. In addition to academic activities, several workshops, seminars, webinars and lectures have been organized during the year. Our University continues to have strong tie ups with industry. Innovative products are being developed with companies. More than 15 new dynamic faculty members have been appointed on a regular basis and more than 05 research projects have been sanctioned to our faculty at the University.

Jaswant Singh Rai Memorial Lectureship Award 2022 was awarded to Vice Chancellor at the Faculty of Life Sciences, Guru Nanak Dev University (GNDU), Amritsar on March 29, 2022. Recently, International Academy of Cardiovascular Sciences in Canada has announced "Key Bowmann Award" for Research to the Vice Chancellor. The number of awards and achievements continue by Faculty Members and in 2021-22 many faculty members got awards and achievements.

With the comprehensive, multidisciplinary pedagogy of learning and research having holistic approach in pharmaceutical and allied health sciences students are being most benefitted in terms of campus placements and to excel in the competitive world. In the current year, 72 students qualified in the national competitive examination GPAT/GATE. The first rank in GPAT has been bagged by our students Mr Manoj Vishwakarma and this is for second consecutive year such distinction has come to the University. Many students got awards and rewards in scientific presentations in conferences for their research. In sports Mr Vishal got Gold Medal in National Competition of Shooting. In addition to curricular activities and sports, students also excelled in cultural activities. Our alumnus Ms Himanshi, a recent D.Pharm. got opportunity for acting in Video Song Qismat. We have now over 150 Ph.D. students and one third of them are in the Government scholarships through agencies like ICMR, DST and CSIR and an equal number having research fellowships from DRDO, THISTI, IPC and pharma industries like Panacea Biotech, Sun Pharmaceutical Industries Ltd., etc.

On 22nd December we had the 4th Convocation of our University with Dr. V.G. Somani, Drugs Controller General of India, as the Chief Guest. DPSRU continues to have a focus for research and innovation. While University continued to celebrate various National Days, Professional Days and Festivals, one of the most important programs organized was the First Research Award Celebration wherein qualities of 23 research papers with high impact factor journal were awarded, in addition to the faculty and staff who contributed significantly in patents and research endeavours, respectively. The year 2021–22 is 75th year of independence "Azadi Ka Amrit Mahotsav" is being celebrated in all over India. We organized various programs related to this like "Ambedkar Day", "Constitution Day" in addition to National Science Day, National Unity Day, etc. We also celebrated International days like World Heart Day, Polio Awareness Day, Pharmacist Day, World Environment Day, Tuberculosis Day, International Yoga Day, World Earth Day, Malaria Day, 100 years of Insulin Discovery Program, etc.

After two years of Covid, this was the first year was taken as relatively Covid-free and during this various workshops were organized and we had 4th annual Conference of Society for Alternative to Animal Experiments, India, 4th Jan Aushadhi Diwas on 4th March and a brain storming session for NEP-2020 wherein Prof. K.K. Agrawal was the keynote speakers and the Chief Guest. The University was in lime-light with programs on DD Urdu Channel.

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

(Prof. Ramesh K. Goyal)

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EDITORIAL

Dr. O. P. Shukla, Prof. P. K. Sahoo and Prof. Harvinder Popli

Welcome to the Delhi Pharmaceutical Sciences and Research University (DPSRU), as we sail into the one more edition of University's Pharmannual 2021–22, let me convey my feelings to you. I congratulate to all the members of editorial board of the University for bringing this year Pharmannual.

Merely providing a stand will not make wisdom in the mind of walkers, where it leads of fact, concern and journey. To reach every corner and spot of the University, Pharmannual provides the faculty and researchers a raised area to breeze their work and research and to hold out their research work throughout word and promote and spread the entire information.

Pharmaceutical science is a field that focuses on the design and synthesis of potential drugs, as well as their evaluation in biological systems and disease models as a means of profiling their preclinical safety, efficacy, dynamics, and metabolism. A pharmaceutical scientist, then, is a professional who performs research to drive drug discovery, development, and testing. These professionals are typically bench-level scientists who are charged with executing experiments as part of a team-based research project aimed at introducing new drugs to the marketplace.

The 4th convocation was successfully convened with 187 diplomas, 206 UG degrees and 107 PG degrees awarded along with 16 medals and awards. It was delighted to have Dr. V.G. Somani, DCGI as the Chief Guest. "Dilli KI yogashala" was another mild stone achieved in a record time of 8 months against possibility of 2 years, as praised by Hon'ble Chief Minister Shri Arvind Kejriwal. Besides extracurricular activities, online classes continued and orientation programs were organized not only for old students but also for new students.

University has also put in lot of efforts to add new faculty on contract basis to meet the immediate academic requirement of the newly introduced and existing programs. Due to reputation of the university, there was a huge demand for the newly introduced.

I take this opportunity to thank all the faculty members for their immense contribution, support and encouragement for bringing Pharmannual 2021–22 of the University.

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

Vision

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

MISSION

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

OBJECTIVES

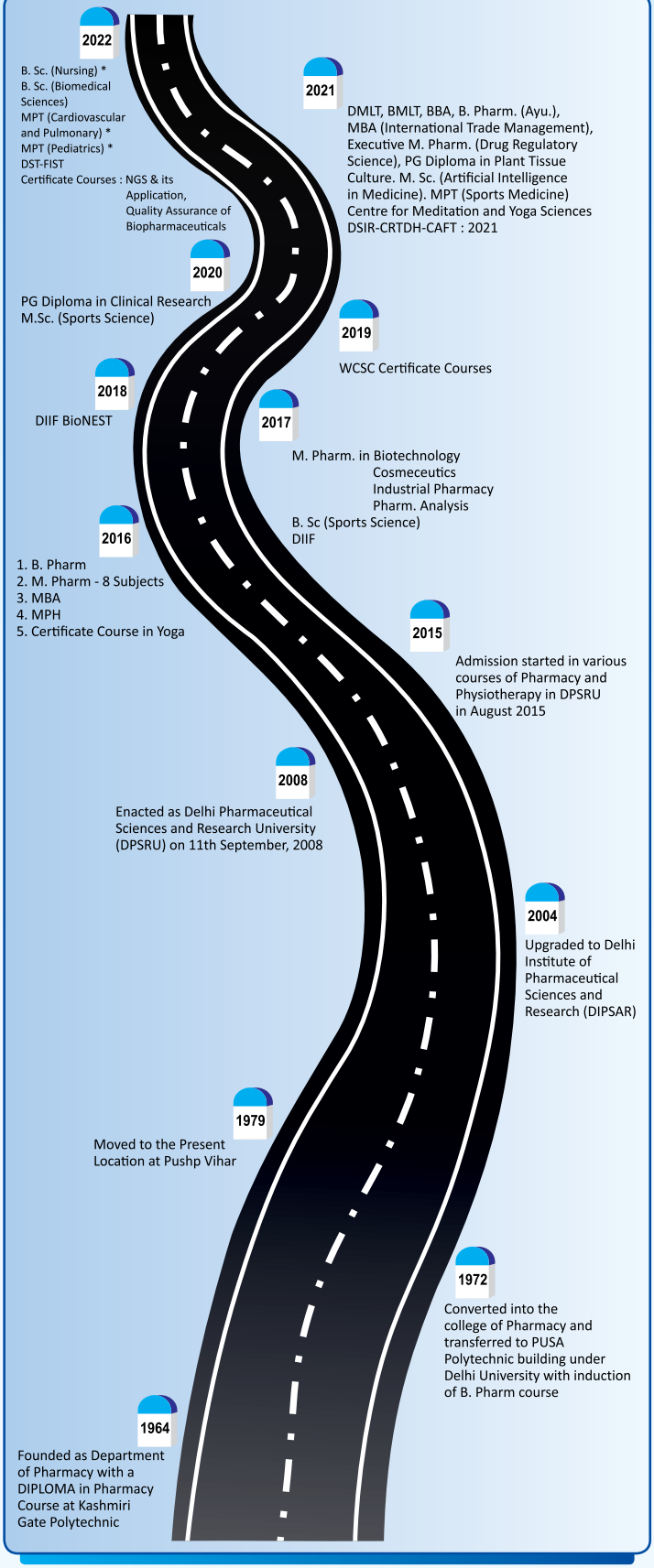
- To have a comprehensive, multi disciplinary institute for learning and research with holistic approach in pharmaceutical and sciences
- To provide infrastructure and research facilities for the dissemination of the advanced knowledge to the students in various branches of pharmaceutical sciences through 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 (लोका: समस्ता: सुखिनो भवन्तु)

UNIVERSITY AT A GLANCE

MILESTONES



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-I/ 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

INFRASTRUCTURE & FACILITIES

Dr. Saurabh Dahiya & Prof. Ajay Sharma

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 all-round 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 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.

LECTURE THEATRE/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 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 training ground for budding 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
- High precision balance
- High pressure homogenizer
- Hot air oven
- 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

Department of Pharmacology: The Department of Pharmacology has four specializations in M.Pharm viz., Pharmacology, Hospital Pharmacy, Clinical Research, and Pharmaceutical Biotechnology. The Department of Pharmacology has a well-defined infrastructure for all the M.Pharm. related courses and for the B.Pharm. The main research areas include cardiovascular disorders and metabolic syndrome, diabetes and its complications, ocular therapeutics, and cancer. Other core competencies of the department include drug discovery related to inflammatory diseases, multiple sclerosis, psoriasis, neuropharmacology, and psychopharmacology. The laboratories are having facilities for pharmacology simulation experimentation for Undergraduate/ Postgraduate students. CPCSEA approved Animal House of University having Rats, Mice, and Rabbits are used after approval of protocols by IAEC for Postgraduates/ Ph.D. Research works for In-vivo Animal Models, Pharmacology & Toxicology and

Screening of Drugs. The department has established important molecular pharmacology techniques like SDS-PAGE, gel electrophoresis, 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
- RT-PCR Machine
- Rotarod Apparatus
- Semi Auto analyzer
- Short Wave Diathermy
- Tail Flick Analgesiometer
- UV Visible Spectrophotometer
- Vortex Mixture/Shaker
- Western blotting Apparatus

Department of Pharmaceutical Chemistry: The Pharmaceutical Chemistry department has three specializations in M. Pharm. viz. Pharmaceutical Chemistry, Pharmaceutical Analysis, and Quality Assurance and is actively involved in designing and synthesizing new drug derivatives as well as evaluation of marketed pharmaceuticals and phytopharmaceuticals. The focused research areas involve synthesis, characterization, and screening of new chemical entities for anti-Alzheimer, anticancer, analgesic, anti-inflammatory, anticonvulsant, anti-microbial, and antioxidant activities. Faculty members are actively engaged in research and they publish their work in national and international reputed peer-reviewed journals. The M. Pharm Pharmaceutical Analysis course is designed to provide industry-ready professionals for the analysis and quality control of pharmaceuticals with the appropriate knowledge base, skill set, and practical expertise. Emphasis is also given for the demonstration, calibration, and validation of various analytical instruments as well as the development and validation of the assay method for new drugs and formulations. In addition, the department has initiated computer-aided drug design including molecular docking and 3D QSAR techniques for designing potential drug 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 (6 Plus Reaction Station)

- 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

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. It provides a platform for training students and researchers with the latest instruments in the field of pharmaceutical sciences. A full-time technician is appointed with specific expertise, to aid with the operation of the instruments.

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:

(a) Distinct location, away from the teaching and administrative block to provide noise and pollution-free conducive environment for animals,

(b) Four rooms on each floor of size 10ft x 14ft to house different animal species,

(c) Separate washing, autoclaving, and stocking area,

(d) Separate room for veterinarian doctors and record keeping,

(e) Individual Air Handling Units for each floor for maintaining environment,

(f) Animal house is connected to the RO Water facility for providing clean drinking water for the animal population,

(g) Each room opens into 4ft wide clean and dirty corridors on either side for regulated unidirectional movement of material,

(h) Lift (size 8ft x 6ft) for smooth movement of animals, workforce, and material,

(i) 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. Our animal house supplies rats/mice/ rabbits to other colleges/ research Institutes approved by CPCSEA. The experienced and helpful technical staff of the Animal House assists the research workers in their animal experiments and is responsible for proper maintenance of this key facility.

MEDICINAL HERBAL 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 examinations schedule, processing of examination applications, issuance of Hall Tickets, the appointment of Superintendent, Deputy Superintendent for the conduct of all examinations fairly and systematically, conduct Evaluation process, publish results, issuance of Marks Sheets, Provisional Certificates and Degree Certificates, Official Transcript and Conduct of Convocation, under the timely directions and approvals of 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 CAMPUS 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.

Gymnasium and Swimming pool: University has a state of art Gymnasium and swimming pool aiming at preparing healthy all-rounder professionals. SBI ATM at University Campus 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 woman 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 woman employees and students. Anti-ragging Squad: University-level anti-ragging 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.

EXPERTISE AVAILABLE AT DPSRU



DPSRU Innovation and Incubation Foundation (DIIF)

DIIF under DPSRU focus to nurture student and faculty innovation in healthcare, Pharma and wellness. DIIF strives to provide platform to innovative minds and give right directions to channelize their efforts to succeed further with their business idea.



Advanced Formulations Facility

Advanced formulation lab is well equipped with the modern instruments and equipment required for formulation development of nano-formulation and their in vitro evaluation.



Formulation development Facility

This facility houses pilot plant for formulation development including machines for manufacturing of tablets, capsules and other dosage forms.

BIONEST Center

One of the major breakthroughs is the sanction by the BIRAC, DBT a grant of 4.72 Cr for establishment of BIONEST Center for state-of-the-art facility for pharmaceutical formulations and more start up in the field of health sciences.



Molecular Medicine Lab

A newly established lab with facilities to conduct cell lines, antimicrobial and antiviral testing, diagnosis and research. It has BSL class II facility.



Animal House

Animal house is an air-conditioned, multi-store facility expanded over area of 1000 sq. ft, which houses a number of experimental animals. Animal house supplies rat/ mice/ rabbits approved by CPCSEA.



Clinical Research/ BA-BE Facility

DPSRU has an approved facility for proof-of-concept clinical research and BA-BE studies. 12 bedded facilities have all the amenities for conducting clinical studies. DPSRU also have institutional ethics committee.



Central Instrumentation Laboratory (CIL)

CIL has a complement of various sophisticated equipment to promote interdisciplinary research. The facility caters to the need of cutting-edge research in many areas of science and technology.

IT INFRASTRUCTURE AT UNIVERSITY

Prof. Meenakshi K. Chauhan & Dr. Prabodh C. Sharma

INFORMATION TECHNOLOGY CENTRE

Technology provides means for good governance and active learning and all the major research laboratories, faculty rooms, administration, library, animal house, seminar hall, lecture theatres, auditorium, guest house etc. are connected by LAN and internet connections. The University has excellent state-of-the-art computing facilities and system analysis units in its two information technology centers (for UG & PG separate) equipped with more than 200 computers to cater to needs of students.

The information technology centre is well equipped with advanced computers along with all the necessary peripherals as well as requisite software facilities and operating systems and has internet facility at their disposal round the clock. This centre also provides a variety of services to the students in literature search, computation and graphics.

NKN connection of 1G with LAN/WiFi connectivity and networking of entire DPSRU campus has been completed and fully functional. This year many more computers have been procured for faculty and researchers and also to establish an upcoming computer center at the university. Information technology centers provide 24×7 access to internet. The Institute has fiber optic network with switch backbone connecting auditorium, Seminar Hall to the main building. The network nodes cover all research laboratories by expanding the network through structured cabling in all the floors/ research labs of the Institution building. Apart from software packages, the peripheral support includes laser Printers, scanners, etc. Trouble shooting support is also being provided in resolving network and hardware related problems, along with software support for beginners.



It is believed that information is power; while in lieu of this everyone is more attached to means of accessing, processing and storing information as well as securely being able to retrieve the same.

However, computers alone cannot realize many educators' visions for technology to improve education. The IT cell of the University has been working with an objective to create a speedy and rapid functioning of various academic activities the administrative work. The necessity of such facilities and activities has further increased in current era of pandemic. The cell is trying to foster the growth of the University by maximizing the usages of Information Technology.

Sincere efforts and initiatives are being undertaken to facilitate our students, faculties, employees, Government and other associated organizations/people to be well informed and updated with latest IT facilities. Several University works related to the automation, Electronic Information Exchange are currently undertaken by the cell, in addition to complete University Websites' functioning such as uploading, unloading of information, etc. The IT Cell also focus on the official E-mail id(s) management of the students, teachers and employees and configuration and maintenance of Learning Management System (LMS). The major achievements/contributions of the IT Cell of DPSRU under taken in recent past are:

- Commissioning and activation of high speed IGBPS leaseline internet facility from National Knowledge Network, (NKN) has been accomplished and now available for high-speed internet usage in the University.
- A well-managed server room has been set up with dedicated server and firewall for seamless and secure internet facility in the University.
- Internet networking with complete local area networking has been installed and completed in the DPSRU building from 1st Floor to Sixth Floor to provide better of internet facility to all the stakeholders.
- Well managed LAN has been provided to the recruitment cell, examination branch and Auditorium.
- Upgradation of board room with advanced equipment for video conferencing and face to face meetings has been accomplished. Web based Microsoft Office 365 has been procured in provided to all the concerned for smooth functioning.
- Static IPs have been made available for in house web servers as and when required.
- Dedicated services of an IT agency have been hired for maintenance of day to day IT related services.
- All the newly joined faculty members and students have been provided with official e mail ids for proper official communications.
- UPS have been installed at several places for uninterrupted power supply system for hassle free internet services.
- Procurement of several IT products such as computers, printers, laptops, etc. has been facilitated.
- WiFi facility has been providing at several places in the University.
- Configuration of properly managed learning management system for the University has been continued for efficient academic interactions among the faculty members and students takes place through this platform in a proper, well managed and systemic manner. All the records can also be maintained through this platform in an efficient and user-friendly manner.
- Procurement of a suitable platform for the University for conducting online meetings/ classes with higher number of participants simultaneously has been continued and procured for further usage.





NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Dr. Ajit Kumar Thakur, Dr. Satish Manchanda and Dr. Sakshi Bajaj

The National Institutional Ranking Framework (NIRF) was approved by the MHRD and launched by Honourable Minister of Human Resource Development on 29th September 2015.

This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover "Teaching, Learning and Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception".





On 15th July, 2022 the NIRF-2022 Ranking released by Hon'ble Education Minister Shri Dharmendra Pradhan at Indian Habitat Centre, New Delhi. Delhi Pharmaceutical Sciences and Research University has started participating 2020 onwards for "Specialization Ranking- Pharmacy" and for University category "Overall" and "Research" and before 2020, DIPSAR has participated since 2017. In 2020, DPSR University get "32 Rank" in "Specialization Ranking- Pharmacy" and the rank shifted upward to "22 Rank" in this year 2022 with maximum score 56.38 in last six years data. The ranking analysis of last six year in term of scored point for various parameter is as below:

NIRF Ranking Statistics of DPSRU, New Delhi

Ranking/ Parameter	Teaching Learning & Resources (TLR) (100)	Research and Professional Practice (RP) (100)	Graduation Outcome (GO) (100)	Outreach and Inclusivity (OI) (100)	Perception (PR) (100)	Total Score (30% of TLR; 30% of RP; 20% of GO; 10% of OI; 10% of PR)	India Rankings: Pharmacy
NIRF-17	55.67	22.31	68.27	61.39	52.64	48.44	14
NIRF-18	60.50	18.73	70.07	50.94	68.09	49.68	19
NIRF-19	57.57	20.71	73.27	55.01	78.11	51.44	26
NIRF-20	54.43	23.66	74.93	56.92	80.23	52.13	25
NIRF-21	55.89	18.16	75.54	58.62	68.91	50.08	32
NIRF-22	60.57	27.30	72.46	58.56	96.67	56.38	22

DPSRU-CENTRE FOR PRECISION MEDICINE AND PHARMACY

Prof. Geeta Aggarwal, Dr. Jaseela Majeed & Dr. Ajit K. Thakur

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 on precision medicine and treatment modalities for Indian patients. It also aims to develop novel methods to integrate individual, contextual and genomic data to accurately identify precise groups at risk and being resistant to a specific medication. Currently, the centre is equipped with high-end equipments like Next Generation Sequencer (NGS), Polymerase chain reaction analyzer (PCR), Biochemistry Analyzer, Blotting, and Electrophoresis system.The Centre is an integrated facility that brings together multi-disciplinary 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 context.
- To develop novel methods integrating individual, contextual and genomic data to identify the precise groups at risk and being resistant to a specific medication.
- To identify the variations in drug sensitivity for serious non-communicable diseases like cancer, diabetes, and cardio-metabolic disorders, and infectious diseases through research leveraging genomic and phenotypic data.

Activities of DCPMP

a) **Guest Lecture Series:** DPSRU Centre for Precision Medicine and Pharmacy is committed to fostering knowledge and awareness about the potential and advancement in precision medicine-based research. To fulfil the objective, the centre is committed in organizing regular lecture series by eminent scientists/ faculty, working in the area of precision medicine.

Topic of Lecture	Date	Speaker	No of Participants
Precision Medicine: Health and Care in the Twenty-First Century	August 13, 2021	Dr. Madan Thangavelu, Genome Biologist, Cambridge, UK	66
Precision Medicine and wellness Genetics: Application in Daily Life	August 23, 2021	Dr. Sooraj Ratanakumar Molecular Scientist, Swagene, Chennai, India	65
Learn with the Experts: A Webinar on Flowcytometry	September 22, 2021	Dr. Anjan Ghosh Application Scientist, BD Bioscience	114

Topic of Lecture	Date	Speaker	No of Participants
Real Time Polymerase Chain Reaction (RT-PCR): Role in Bioanalysis for Precision Medicine	December 17, 2021	Dr. Pragyanshu Khare, Postdoctoral Scientist, Department of Anesthesiology, Friedrich Alexander University, Germany	79
HIV Déjà vu? Optimizing cocktail therapies for COVID-19	April 29, 2022	Dr. Rajesh Krishna, Senior Director, Drug Development Certara Strategic Consulting, USA	134
The Role of Biomarkers in New Drug Discovery and Development	May 13, 2022	Dr. Rajesh Krishna, Senior Director, Drug Development Certara Strategic Consulting, USA	36
New Therapeutics Discovery and Development: Rare Cholestatic Diseases	May 27, 2022	Dr. Rajesh Krishna, Senior Director, Drug Development Certara Strategic Consulting, USA	52

b. Hands on Training Sessions: The Centre is dedicated to strengthen practical knowledge among young and active researchers and academician who are enthusiastic about using genomes and proteomics in their studies. To achieve this goal, the centre has been dedicated to organize frequent hands-on training sessions on various methodologies.

- One-day hands-on training on Sodium dodecyl-sulfate polyacrylamide gel electrophoresis (SDS-PAGE) was organized on 30th November 2021. The honourable Vice-Chancellor, DPSRU, Prof. Ramesh K. Goyal, appreciated the need of such hands-on training/workshops for the students that would help them learn about various scientific techniques. A total of 25 Masters and Ph.D. students attended the training.
- Two-day hands-on training on multicolour flow cytometry was held in collaboration with Beckman Coulter on the 30-31st of March, 2022, with over 60 participants. The objective of this workshop was to make students learn flow cytometry and the analysis of data generated by a flow cytometer which is further essential for students to understand immunological research and clinical data. The training session commenced with the introduction of flow cytometry followed by Annexin-V FITC apoptosis experiment and DURACLONE IM Treg Multi-Color compensation. On second day the participants got the opportunity to have hands on experience on the instrument. The valedictory ceremony was chaired by Prof. Ramesh K. Goyal and co-chaired by Prof. Geeta Aggarwal. Prof Goyal, emphasized the need to learn the basics and motivated the students to think in the direction of product development on social issues with utilization of advance technological developments. Prof. Geeta Aggarwal emphasized on

Academia-Industry collaboration to enable the students to be updated with new technologies. The resource persons of the training Dr. Anwesha Mallik, BDM, Beckman Coulter and Dr. Shashank Misra, Application Specialist, Beckman Coulter introduced flow cytometry and associated experiments to the participants. All the participants have provided positive feedback and got a better understanding on how to use Multi-Colour flow cytometry

- The Centre conducted another one-day hands-on training on Polymerase chain reaction (PCR) technique on 12th May 2022, with over 50 participants. The workshop aimed to provide hand-on training on Polymerase Chain Reaction (PCR) to the beginners. The training started with the demonstration of PCR machine, PCR-related SOPs, and design process, followed by a discussion of gradient PCR. Participants were detailed about each stage and components of the PCR sample preparation process. Throughout the training, participants were encouraged how they could improve their thinking skills and how they could use PCR technology in their research. Demonstration and hands on training of PCR machine technology was given by Mr. Vikas Singh, Senior Engineer of Thermo Fisher Scientific.
- In collaboration with Thermo Fisher Scientific, the Centre organised two days of hands-on training on Next Generation Sequencing (NGS) on 17–18th May, 2022. The resource person, Dr. Neeraj K. Chauhan, Application scientist, Thermo Fisher Scientific commenced the training with presentation on NGS basics and Ion Chef Theory followed by hands on training on Ion One Touch 2 System. During the training, the participants were detailed about library preparation, sample enrichment, sample loading to Ion 530 sequencing chip for whole genome sequencing. The training session was ended with an on-line bioinformatics session organized by the team. Fifteen participants including faculty, PG and PhD students attended the training. All the participants have shown overwhelming responses and were shown positive interest to attend such hands-on training in the future.

All the guest lectures/ trainings were successfully completed under the able guidance by Prof. Ramesh K. Goyal, Honourable Vice-Chancellor and Dr. O. P. Shukla, Registrar, DPSRU with active participation of team members Prof. Geeta Aggarwal, Dr Jaseela Majeed, Dr. Ajit K Thakur, Dr. Ruchika Sharma and Dr. Subodh Kumar.

By advent of sophisticated technologies like NGS enable the centre to provide a significant step forward in personalized medicine by sequencing multiple genes at once, detecting mutations, resistance mechanisms, assess disease risk factors, help target therapies and reduce overall care costs. As DPSRU has collaborations with prominent Govt hospitals in Delhi like Govind Ballabh Pant Institute of Postgraduate Medical Education & Research, Ambedkar Hospital, Aruna Asaf Ali Hospital, Sanjay Gandhi Memorial Hospitals and private hospitals like National Heart Institute, Apollo Hospital, BLK Max Hospital etc. The centre may collaborate with the hospitals to provide a better understanding about the underlying mechanisms of various diseases and improve their approaches in preventing, diagnosing and treating. In future data bank may be created which would be useful to make diagnosis, plan for the treatment modalities and assess how well the treatment will work. The DPSRU- Centre for Precision Medicine and Pharmacy works to improve human health through high quality research, education and clinical care.

Glimpses of events organized by DPSRU-DCPMP





















LIBRARY INFRASTRUCTURE

Mr. Sengupta and Ms. Yogita Ahuja

1) Introduction

The Library is a well organized information system which enables the users to find out the required document and information in minimum time. Library plays a vital role in furthering the academic, research and consultancy mission of DPSRU/DIPSAR and facilitates creation, dissemination and sharing of knowledge in the field of Pharmaceutical Sciences and its allied subjects.



The DPSRU Library one of the richest Pharmacy Library collections in India and covering all branches of Pharmaceutical Sciences like Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmaceutical Biotechnology, Pharmacognosy and Pharmaceutical Technology. The library has a rich collection of books, e-journals, E-Thesis, and Research Databases like Bentham Science, Proquest etc.The library has an institutional member of National Digital Library of India and Shodhganga to meet the information needs of the faculty and students.

The library also extends its services to external users (i.e., Research Scholars and Alumni of DPSRU).

2) Vision for DPSRU Library

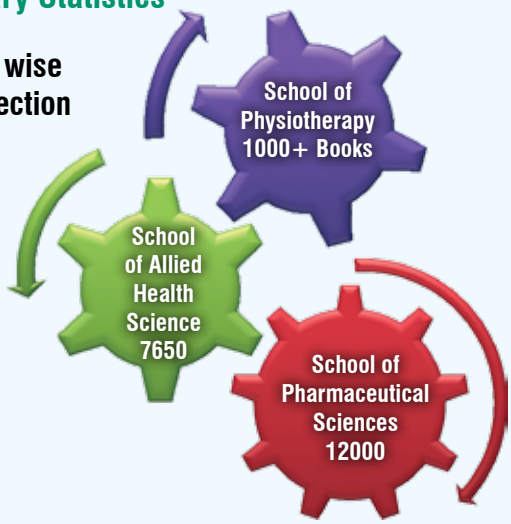
1) To become an apex Resource Centre with a state-of-the-art library resources and services in the pharmaceutical sciences and its allied subject.
2) To provide access to high quality information resources in all forms to the faculty, students, research scholars, stockholders, scientist, Pharmacists, industrialist & policy makers in support of teaching, learning and research mission of the Institute.
3) To offer commitment of excellence in services, information resources and innovative services to support the intellectual inquiry, research and lifelong learning needs of DPSRU community.
4) To build a global network of information centre on pharmaceutical sciences and its allied subject.
5) To support pedagogy and R&D in pharmaceutical sciences studies.
6) To manage the information resources effectively and actively promote the optimum usage.
7) To achieve continuous improvement of services, facilities and resources.

3.) Aim

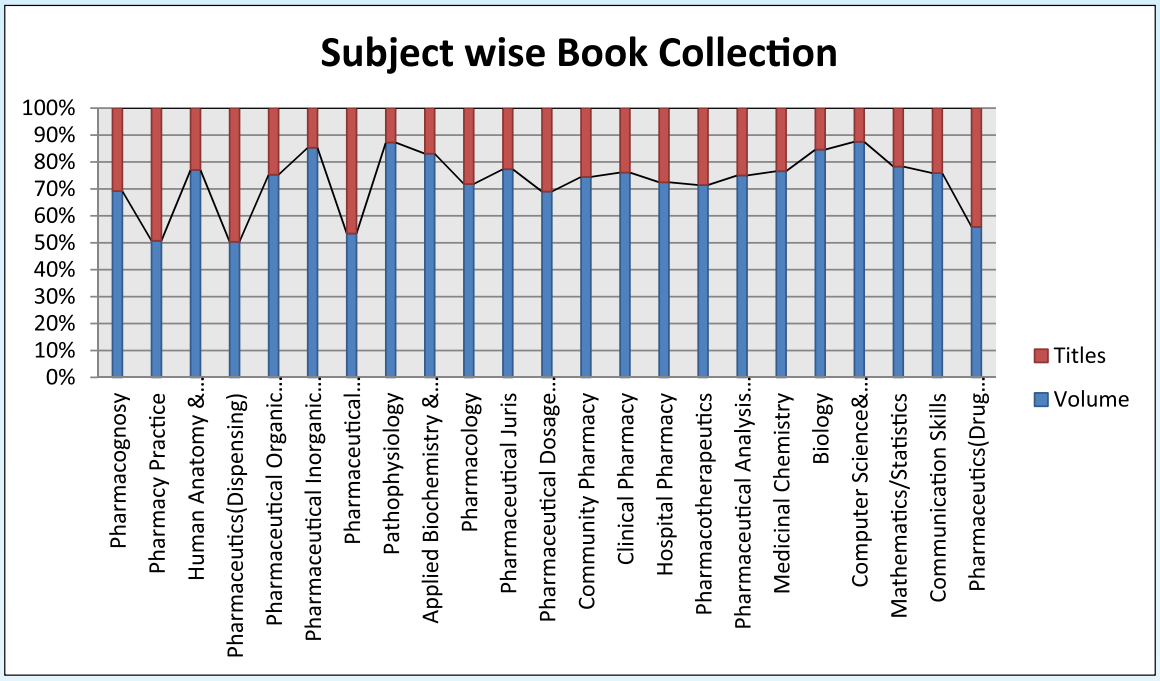
The aim of the Library is to cater to the needs of industry/all stakeholders/general public/ students/ research scholars and the faculty members of the Institute.

4.) Library Statistics

A. School wise Book Collection



B. Subject wise Book Collection



5.) MOU with INFLIBNET

As per the UGC Notification (Minimum Standards & Procedure for Award of M.Phil. / Ph.D Degree, Regulation, 2009), UGC mandate the submission of electronic version of Ph.D. theses on Shodhganga.

In 2019 DPSRU has Signed a MOU with INFLIBNET for submission of Ph.D. thesis and displaying Institution's research output in national repository i.e. Shodhganga.



Benefits under this MOU:

- Get Lifetime Free Membership of Shodhganga for Uploading Ph.D. Thesis.
- Get Membership for Ouriginal (previously known as Urkund): Online Plagiarism Detection Tool for research work.

6. Library Services

The library is acknowledged by the services its renders accordingly, following services have been rendered to the users:

- Electronic News Alert
- Uploading of Ph.D. Thesis on shodhganga
- New Arrivals Alert
- Current Content of Print Journals



- Research and Reference Services
- Orientation programme for users
- Book Exhibition
- Training Sessions for Faculty Members and Ph.D. Scholars.



7. Library Infrastructure

7.1. Web OPAC

The DPSRU Library is partially automated with KOHA software, which also provides online catalogue facility. Users can access the Online catalogue from anywhere at any time with the below mentioned link:

http://dpsru.bestbookbuddies.com/



7.2. Digital Library Section:

Library has a Digital Library Section which was set up with 10 Wi-Fi enables Computers. Library users can access the full text databases and does their research work.



7.3. Urkund (Anti Plagiarism software):

URKUND Plagiarism Detection Software (By Ms Prio Infocenter – Sweden, Egalactic – India Partner) Has Been Selected By INFLIBNET Centre (Inter University Centre of UGC) Under



References:

- Picture Credit: Deramstimes.com, shutterstock.com, Isometric School Illustrations & Clip Art – istockphoto.com etc.

FACULTY AND STAFF

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

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Dr. Gaurav K. Jain	Associate Professor
Mr. Bhag Chand	Lecturer (Sel. Grade)
Dr. Pooja Mongia Raj	Assistant Professor
Dr. Dalapathi Gugulothu	Assistant Professor
Dr. Anshul	Assistant Professor
Dr. Lalit	Assistant Professor
Dr. Atul	Assistant Professor

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

DEPARTMENT OF PHARMACOLOGY / CLINICAL RESEARCH

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

DEPARTMENT OF PHARMACOGNOSY

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

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Dr. Himanshu	Dr. Varun Sharma

SCHOOL OF PHARMACEUTICAL SCIENCES

Prof. Harvinder Popli, Director

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Dr. Ajit Kumar Thakur	Assistant Professor
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Dr. Sumit Sharma	Assistant Professor
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Dr. Varsha Pradhan

*Contractual / Temporary

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Dr. Suraj Pal Verma	Assistant Professor
Dr. K. Praveen Kumar	Assistant Professor
Dr. Kalicharan Sharma*	Assistant Professor

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Dr. Arya Lakshmi Marisetti	Assistant Professor
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Other contractual/part-time temporary faculty

Dr. Saveena Chauhan	Mrs. Laxmi Rathore

SCHOOL OF ALLIED HEALTH SCIENCES AND MANAGEMENT

Dr. Jaseela Majeed, Head

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Dr. Jaseela Majeed	Associate Professor
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Dr. Sheetal Yadav	Assistant Professor
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Dr. Varsha Chorsiya	Assistant Professor
Dr. Ravinder Kumar (P.T.)	Assistant Professor
Dr. Savita Tamaria (P.T.)	Assistant Professor
Dr. Jitender Munjal (P.T.)*	Assistant Professor

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Dr. Vikram	

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Mrs. Meghna A. Singh*	Faculty

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Prof. Harvinder Popli	Director
Prof. Geeta Aggarwal	Director
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Mr. Rupender*	MTS

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Dr. Ruchika Sharma	Research Associate
Ms. Keerti Maheshwari	JRF

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Sh. C. P. Ray*	Acharya

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Ms. Suhasini D	Nurse
Ms. Shivani Dutt*	Hospital Liasoning Officer
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Mr. Kirshan Kumar	EPBAX Operator
Mr. Nishant Kaushik	Jr. Steno
Mr. Ankur Ravi*	Junior Engineer
Mr. Rahul	(Dealing Assist. Cum MTS)
Mr. Hemant Kumar	Driver

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Mr. Rajesh Kumar	(Accounts Clerk)

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Ms. Namrata*	Library Attendant
Ms. Divya Kushwaha*	Library Assistant

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Mr. Ranjeet Kumar	Ms. Dhaneshwari
Mr. Rahul	Mr. Aman Kumar
Mr. Jai Bhagwan	Mr. Neeraj
Mr. Deepak Yadav	Mr. Vijay Kumar
Mr. Manoj Kumar	Mr. Nitin Sharma

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Mr. Navdeep Sharma	Tally Operator
Ms. Anupama Bhatt	Telephone Operator
Ms. Radhika Arora	Enquiry Assistant
Mr. Rahul Kainth	Office Executive

*Contractual / Temporary

NEWLY JOINED FACULTY

Dr. Pooja Mongia Raj, Dr. Neha Kumari & Dr. Jitender Munjal



Dr. Dalapathi Gugulothu, has completed Ph.D (Tech) (2014), and M.Pharmacy (2008) from Institute of Chemical Technology (ICT) Mumbai, in Pharmaceutics and B.Pharmacy (2004) from Kakatiya University in Warangal, Telangana. After completion of his Ph.D (Tech.), he worked as the HOD, Department Pharmaceutics at the Balaji Institute of Pharmaceutical Sciences, Narsampet, Warangal Telangana. His research areas of interest include Si RNA Delivery, Targeted drug delivery systems, Nanofibers, Exosomes, Gastrortentive drug delivery systems, and Orodispersible drug delivery systems. He has presented a number of research papers in various national and intentional conferences and received multiple best research paper awards. He has granted three Indian patents. He has published one review article, twelve research papers and four chapters in books. He has also completed one research project which is sponsored by SERB-DST and received travelling grant from DBT and DST for the same. dalugugulothu@gmail.com



Dr Pooja Mongia Raj is an Assistant Professor in Delhi Institute of Pharmaceutical Sciences, DPSRU, New Delhi, India. She has experience in both academia and drug distribution & management in health care system at district level. She taught various subjects at diploma, under graduate and post graduate level in Department of Pharmacy, BU Bhopal, Rishiraj College of Pharmacy, Indore, School of Pharmacy, CEC Bilaspur C.G., and SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur C.G. She has worked on nanotechnology based dual delivery systems for targeting of disease at doctorate level in Central University of Chhattisgarh Bilaspur. She has published various international papers in reputed publishers i.e., Elsevier, Bentham Sciences, Royal Society and Taylor and Francis. Dr Pooja was awarded UGC JRF & SRF and CSIR SRF for her Doctorate research. She also received international travel grant from Chhattisgarh Council of Science &Technology for research work in FIP and also awarded Best Poster Award in National Seminar. She has presented papers in several international and national conferences and attended many workshops on HPLC, HPTLC, Radiochemistry and Chemometrics. Dr Raj has expertise in Molecular and Cellular Imaging of targeted biomolecules, Pharmacokinetics and pharmacodynamic studies of oral formulation and RSM. pooja.raj@dpsru.edu.in



Dr. Anshul at present is teaching at Department of Pharmaceutics DIPSAR-DPSRU as Assistant Professor in Pharmaceutics. She holds PhD from SPER, Jamia Hamdard. She has more than 2.5 years of experience in teaching and research in pharmacy field. She has worked as research trainee in Institute of Nuclear Medicine and Allied Sciences at DRDO, Delhi and expertise in radiolabeling and surface conjugation chemistry. She has been among toppers of university at the graduate and the post-graduation level.

Dr. Anshul research interest areas are nanomedicine & nanotheranostics, metallic nanoparticles, targeted drug delivery, gamma scintigraphy, cosmecuetics. Her core area of research includes development of gold, silver, copper, cerium nanoparticles, their optimization, characterization and surface conjugation with different ligands. She has worked on tumor targeting, diagnosis and radiolebelling techniques. She has published six papers in National and International Peer reviewed Journals. Her three best papers are "Intranasal cerium oxide nanoparticles ameliorates cognitive function in alzheimer rat model via anti-oxidative pathway. Pharmaceutics MDPI, impact factor 6.3, Nano matrix soft confectionary for oral supplementation of vitamin D: Stability and Sensory analysis. Gels 2022, Impact factor 4.7 and 99mTc-Methionine Gold Nanoparticles As, Versatile Biomaterial for Enhanced Tumor Imaging, Journal of Pharmaceutical Sciences. Impact factor 3.2. ansh.gupta.198@gmail.com



Dr. Ruhi Ali holds PhD in Pharmaceutical Chemistry from School of Pharmaceutical Education and Research (SPER), Jamia Hamdard. She has more than 7 years of experience in teaching and research at HIMT College of Pharmacy Greater Noida, Sultan Ul Uloom College of Pharmacy Hyderabad and DIPSAR. Dr. Ali has been teaching at DIPSAR since 2019. Dr. Ali's interested in carrying out research in the area of small molecule drug discovery and development for the neurological diseases. She completed her thesis on the topic Synthesis of some benzothiazole derivatives for anticonvulsant activity. Her research is focused on pharmacophore-based design, synthesis and biological evaluation of novel small molecules with heterocyclic motifs using computational, computer aided drug design and preclinical tools.She has published more than 25 papers in National and International Peer reviewed Journals with cumulative impact factor of >30, more than 500 citations, H index of 10 and i10 index of 13. Additionally, she holds a PG Diploma in Pharmaceutical Regulatory Affairs. ruhi.pharma@gmail.com



Dr. Sumit Sharma is an Assistant Professor in School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University, New Delhi, India. He is having experience in both academics and product development in pharmaceutical industry. He has served in teaching to both under graduate and graduate students at University Institute of Pharmaceutical Sciences (UIPS), Panjab University, Chandigarh, India, NIPER, Mohali, India and Chitkara College of Pharmacy, Chitkara University, Punjab, India. He has also served as a Formulation Scientist in research and development of sterile formulations at Sentiss Pharma Private Limited, Gurugram, Haryana, India. With specialization in Pharmaceutical technology in his doctorate level from UIPS, Panjab University, Chandigarh, India he has expertise in site specific targeted drug delivery systems to distal parts of intestine. In addition to this he holds a post graduate diploma in Intellectual Property Rights from Nalsar University, Hyderabad, India and a post graduate diploma in statistics from UIPS, Panjab University, Chandigarh, India. sumit.ssharma17@gmail.com



Dr. Amanpreet Kaur has joined as Assistant Professor of Pharmaceutics at DPSRU, New Delhi. She is a dynamic researcher, Associate Cheeky Scientist, and pharmaceutical sciences educator with 11 years of teaching and research experience in pharmaceutical sciences. Formerly, she worked as Senior Research Scientist and CRO Coordinator at Centre for Plant and Life Sciences, Bio-Bench CRO, St Louis Community College, BRDG Park, USA. Apart from PhD in Pharmaceutical Sciences, she has acquired Certificate of Specialization in Biotechnology from St Louis Community College, USA and was awarded Biotechnology Student of the Year Award in 2019. Her awards and accolades include IDMA GP NAIR AWARD, Best Poster Award, DST SERB Travel award, CSIR Travel Award and Young Scientist Award for oral presentation at BMJD Congress, Australia in 2017. She was Gold medalist of PU, Patiala, in B.Pharm. She worked as Assistant Professor for 5 years at Rayat-Bahra University, Punjab. She was selected for UGC-RFSMS for pursuing PhD at UIPS, Panjab University. Her major area of research includes Novel Drug delivery systems for topical and transdermal systems, oral films based on mucoadhesive drug delivery systems. She authored more than 20 publications in international journals of high repute. amanpreet.kaur@dpsru.edu.in



Dr. Devesh Tewari has joined as Assistant Professor at Department of Pharmacognosy and Phytochemistry, Delhi Pharmaceutical Sciences and Research University, New Delhi. He has done his Post Graduation and PhD from Kumaun University, Nainital, Uttarakhand. Dr. Devesh is amongst the youngest in the list of "World Ranking of Top 2% Scientists" by Stanford University in 2021. His research area is exploration of medicinal plants of the Himalayan region through ethnopharmacology and reverse pharmacology approach. He also served as Visiting Scientist (invited) to the Institute of Genetics and Animal Biotechnology of the prestigious Polish Academy of Sciences, Poland. Dr. Tewari is having versatile experience of working in India's apex institutions for Ayurveda, grassroots innovations, forestry and defence research in different capacities. He has 5 patents under examination and multiple high-quality publications in his credit with acumulative impact factor >400. He has received various awards for plant drug research like Young Scientist Award by UCOST, Govt. of Uttarakhand, Best Paper Award by Ministry of AYUSH, Govt. of India and few others for his research work and Hindi writing. He is a panel member of the advisory panel for specific publications related to COVID-19 constituted by Ministry of AYUSH. devesh.tewari@dpsru.edu.in



Dr. Arya Lakshmi Marisetti has joined as Assistant Professor, Department of Pharmacognosy and Phytochemistry, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi, India. Dr.Arya has completed her PhD from Department of Pharmaceutical Sciences, Andhra University, Visakhapatnam, Andhra Pradesh. She has more than 10 years of teaching and research experience. She has Published more than 15 research and review articles in peer reviewed journals of national and international repute. She has published one Indian patent. Her research area includes Extraction, Isolation & characterization of phytochemicals, chromatography, pharmacognostic and phytochemical analysis, biological activities, Natural product pharmacology, Ethanopharmacology, Traditional medicine, Herbal medicine and

Herbal drug development. Well versed with regulatory documentation, Knowledge on eCTD for UK and EU registration. She may be contacted at maryalakshmi@gmail.com

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Dr. K. Praveen Kumar has joined as an Assistant Professor in the Department of Pharmaceutical Chemistry in the School of Pharmaceutical Sciences, DPSRU, New Delhi, India. Dr. Praveen



has completed his PhD from Jawaharlal Nehru Technological University, Hyderabad in the area of Computational and Medicinal Chemistry. He has more than 12 years of teaching and research experience. He has guided 21 post-graduate research students. He has one patent related to the analysis of Apixaban. He has published more than 40 research articles in peer-reviewed journals of national and international repute, 02 book chapters and one book. He has presented papers at many national and international conferences. He is a life member of APTI, APP, etc. He has past experience as Head of the Department of Pharmaceutical Analysis at VCOP, Hyderabad. He is an active researcher in the fields of pharmaceutical chemistry, pharmaceutical analysis, and computer-aided drug design. His thrust area of research includes green solvent approaches to the development and validation of new analytical methods for drug molecules using HPLC, UV, LC/MS, and other techniques, Bio-analytical method development and metabolite profiling; Impurity profiling of drugs; Forced degradation and stability kinetics studies, Synthesis of computationally designed molecules of medicinal interest. praveenkusuma18@gmail.com.

Dr. Archana Sharma has joined as Assistant Professor, Department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences & Research University



(DPSRU), New Delhi, India. She has completed her Ph.D from Kurukshetra University, Kurukshetra. She has more than 12 years of teaching and research experience. She has published more than 40 research and review articles in peer reviewed journals of international & national repute. she has 3 look chapters to her credit. Her research area includes synthesis, characterisation and evaluation of novel thiazole/thiazolidinone derivatives for their analgesic, anti-inflammatory and antimicrobial activities. She may be contacted as sharma.archana@dpsru.edu.in

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Dr. Foziyah Zakir is working as an Assistant Professor in Department of Pharmaceutics, School of Pharmaceutical Sciences, DPSRU, New Delhi. Her research areas include Transdermal and Topical delivery of nutraceuticals and herbals, nanosuspension techniques, targeted delivery system. Previously, Dr. Foziyah worked as a Lecturer in College of Pharmacy, Jazan University, Saudi Arabia. She obtained her PhD in Pharmaceutical Sciences from Jamia Hamdard.

Dr. Foziyah has published more than 25 research and review papers in peer-reviewed International journals of high impact factor. Besides, she has authored numerous book chapters in International reference books. She has participated in more than 50 symposia and workshops. Dr. Foziyah has delivered several invited lectures in various international conferences. Recently, she has been conferred with "Young Researcher Award" by Institute of Scholars. She received best poster award at the 6th World Congress on Nanomedical Sciences. She received numerous best oral and poster presentation awards at national and international conferences. Dr. Foziyah

has also been exceptional at academic level and received award for academic excellence by I.K. Gujral Punjab Technical University. She was granted an independent research project under Women Scientist Scheme, which was sponsored by Department of Science and Technology during 2016–2019. foziyahzakir@gmail.com



Dr. Sapna Dhiman is working as an Assistant Professor, School of Physiotherapy, Delhi Pharmaceutical Sciences and Research University, New Delhi. Dr. Dhiman is a gold medalist in Bachelor of Physiotherapy from the Guru Gobind Singh Inderprastha University, Delhi and completed her post-graduation from the Swami Vivekanand National Institute of Rehabilitation Training & Research, Cuttack, Odisha with specialization in Paediatrics. She is also pursuing Ph.D. in Physiotherapy from DPSR University, New Delhi. She has 7.5 years of experience including 6 years of teaching and 1.5 years of Clinical experience. She has published 15 papers in peer reviewed national and international journals and presented scientific papers in national and international conferences. She has been invited as a Resource Person for special lecture in conferences and seminars. She has delivered parents training program for parents having special children. Dr. Sapna has served as a Doping Control Officer at the Common Wealth Games, 2010. Her areas of interest include Motor control and Motor learning, Neurological Physiotherapy with an emphasis on pediatric rehabilitation. She can be contacted at sapnadhi@gmail.com and sapnaphysio@dpsru.edu.in.



Dr. Ravinder Kumar has joined as assistant professor, physiotherapy in DPSRU He is an eminent physiotherapist, associated with various multi-specialty hospitals of Haryana as a clinician and an academician; previously he was working as an associate professor & HOD, Department of Physiotherapy, Jagannath University, Haryana. His qualification includes BPT, MPT with specialization in Orthopaedics, Ph.D in Physiotherapy and Certified Osteopathy & manual therapist (UK). He has more than 12 years of clinical & academic experience in the field of physiotherapy under various prestigious educational institutes & hospitals. During his tenure he was awarded with various awards by the various prestigious organizations like AIIMS, New Delhi. He has published more than 10 research & review articles in peer review journals on international & national repute and published 02 books. He has filled 01 Indian patent. Dr. Ravinder is the founder member of Haryana chartered association of physiotherapists (HCAP) approved by govt. of Haryana. Presently he is the president of H.C.A.P. under whose banner he initiated the process of Haryana state physiotherapy council formation in Haryana. He has prepared and submitted the council act draft to health minister Sh. Anil Vij, Govt. of Haryana. He is also associated with various national & international professional organizations like HCAP, IHFA, IACD. dr.rkmudgil04@gmail.com



Dr. ita Tamaria has joined as Assistant Professor, Department of Physiotherapy, at Delhi Pharmaceutical Sciences and Research University, New Delhi. She is a graduate from IRMAS, New Delhi and has done her Masters in Musculoskeletal from ISIC Institute of Rehab Science, New Delhi. She has undergone special training in Spinal unit of Niguarda Hospital and in field of Hydrotherapy at San Raffale Hospital, Milan, Italy, where she received training of various environmental adaptation required by spinal cord patients. She has over 15 years of professional experience. She has attended & organized several

workshops, seminars and conferences to upgrade her skill & enhance her knowledge. She has got more than 25 articles published to her credit in various peer reviewed Journals of national and international repute. She is a member of various professional bodies like DCPTOT, IAP. She is evaluators for UG and PG programs of various universities. She has past experience as Assistant Professor in Banarsidas Chandiwala Institute of Physiotherapy where she was looking after Exam department, Eco club, MPT coordinator and she also looks after Institutes relations with hospital and posting of students. savitameena@gmail.com



Dr. Parul Sharma (PT) is working as an Assistant Professor, School of Physiotherapy, Delhi Pharmaceutical Sciences and Research University, New Delhi. She has done Bachelors' of Physiotherapy & Masters of Physiotherapy, Neurological disorders (Gold Medalist) from Guru Jambheshwar University of Science & Technology. She is pursuing PhD in Physiotherapy from Delhi Pharmaceutical Sciences & Research University.She has got over 09 years of teaching and clinical experience. She has got more than 20 national & international publications in esteemed peer reviewed journals.She has guided more than 20 students pursuing Bachelors of Physiotherapy. She has received many prestigious awards such as "ACADEMIC EXCELLENCE AWARD", "YOUNG ACHIEVER'S AWARD" , "PROFESSIONAL EXCELLENCE AWARD" etc. & been invited as a Guest speaker in national & international conferences. Her areas of interest include Neurological rehabilitation of various neurological disorders. She wants to pursue research and implement innovative ideas in the field of physiotherapy profession. drparulsharma.sharma@gmail.com



Dr. Varsha Chorsiya has joined as an Assistant Professor in the School of Physiotherapy, DPSRU, New Delhi. She has done her Ph.D work from National Institute of Occupational Health, ICMR Institute (WHO Collaborated) at Gujarat University, Ahmedabad, India. She is UGC NET qualified and has worked as ICMR fellow. She has completed her Masters (MPT- Neurology) from Jamia Hamdard, New Delhi and BPT from M.G.M Medical College, Indore (M.P). She has total experience of 11 years that includes teaching, research and clinical. Her following research work has been appreciated: 32nd ICOH International Congress Dublin, Ireland-2018; 93rd ACRM-2016, Chicago, USA; ICPRS 2016: 18th International Conference on Physiotherapy and Rehabilitation Sciences, Bangkok, Thailand, where she represented Indian Physiotherapy Research on Global Platform and won Best Paper Presentation Award. She has also won "Young Scientist Award" in 23rd Annual conference of NESA. Her list of Publications includes 3 chapters in international publication and 7 chapters in National publications of books. She was a co-editor of 2 Indian books and has many publications in national and international Journals. Her research areas include Biomechanics, Human Factors and Ergonomics, Occupational health and safety, Geriatrics, Women Health, Neuro Physiotherapy and Rehabilitation. ivkc.chorsiya@gmail.com



Dr. Tabassum Saher has joined as Assistant Professor, School of Physiotherapy in Delhi Pharmaceuticals Sciences and Research University, New Delhi. She is graduated from Jamia Millia Islamia University in Physiotherapy. She has completed her Post Graduation course in Cardiopulmonary from Jamia Millia Islamia University. She has 4 years of teaching, research and clinical experience. Dr. Tabassum saher currently holds 15 publications in various national and international journals. She has participated in numerous

international and national conferences and presented research papers in the same.She has attended & organized several workshops, seminars and conferences to upgrade her skill & enhance her knowledge. She is a member of various professional bodies like DCPTOT, IAP. She is evaluators for UG and PG programs of various universities. stabassumsaher@gmail.com



Dr. Neha Kumari has joined as an Assistant Professor, School of Physiotherapy in Delhi Pharmaceuticals Sciences and Research University, New Delhi. Dr. Neha Kumari graduated from Banarsidas Chandiwala institute of physiotherapy, Indraprastha university, New Delhi. She has completed her Post Graduation course in Orthopedic Physiotherapy from Institute of Applied Medicine and Research, Ghaziabad. She has more than 5 years of teaching, research and clinical experience. Dr. Neha Kumari currently holds 5 publications in various national and international journals. She has participated in numerous international and national conferences and presented research papers in the same. She has attended & organized several workshops, seminars and conferences to upgrade her skill & enhance her knowledge. She is a member of various professional bodies like DCPTOT, IAP. neha.ashu1693@gmail.com

Contractual Faculties



Dr. Neetika Sharma has joined as Assistant Professor, Department of Pharmaceutical Chemistry, DIPSAR, Delhi Pharmaceutical Sciences and Research University, New Delhi, India.Dr. Neetika has completed her Ph.D. from University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh 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 nanoformulations 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. She may be contacted at neetika.sharma1810@gmail.com



Dr. Bharti Mangla has joined as Assistant Professor in the Department of Pharmaceutics at DPSRU, New Delhi. She has done her Ph.D. from Jamia Hamdard in the area of breast cancer. She has more than two years of Teaching experience and 3.8 year of Ph.D. Research experience. She received many awards in the conferences as poster presentation. She is Gold Medallist in the graduate level and consecutively topped 2 years in the post-graduation level. She has published more than 23 research and review papers in peer reviewed international journals with highest impact factor of 7.8. She has filled two Indian patents. She has been awarded as DST INSPIRE fellowship. She has contributed three book chapters and two International books. Her research area includes cancer and their therapy, lipid based nanoformulation, synergistic therapy, simultaneous analytical method development and validation. She can be contacted at bhartipharmacy@gmail.com



Dr. Kalicharan Sharma has joined as Assistant Professor at Department of Pharmaceutical Chemistry in School of Pharmaceutical Science, DPSRU, New Delhi. He has done Ph.D. in Pharmaceutical Chemistry from Jamia Hamdard in Computer aided drug design and Medicinal Chemistry. He has more than 4 years of teaching and research experience. He has worked in Piramal Discovery solution for 1.3 years and Mankind research Centre for 2.5 years in CADD and Medicinal Chemistry. He has published more than 30 research papers and review articles in many reputed international journals. He has presented papers in many national and international conferences. He has awarded one US patent. He has been recipient of award of CSIR-SRF, DBT-JRF fellowship and 04 best paper awards at national and international conferences. His work basically includes synthesis of biologically important scaffold and Molecular modelling studies of biologically important molecules and natural phytochemicals. He is one of the members of coroquil-Zn formulation developed by mutual collaboration of DPSRU and remedium therapeutics Pvt Ltd. His thrust areas are Antitubercular agents, Anticancer Agents, Nonalcoholic fatty liver disease, SarsCov2 inhibitor (By targeting ACE2-Spike interface, Polymerase, Helicase, and entry inhibitors), PROTACS for Treatment of Cancer. kcsharma@dpsru.edu.in



Dr. Sharmistha Mohapatra has joined as Assistant Professor in the department of Drug Regulatory Affairs (DRA), DPSRU, New Delhi. She has completed her Ph.D in Pharmaceutical Chemistry from School of Pharmaceutical Sciences & Research, Jamia Hamdard, New Delhi. She also holds postgraduate diploma in drug regulatory affairs. She has an excellent academic career and gold medalist at post-graduation level. She has been awarded with senior research fellowship from Indian Council of Medical Research, Government of India during her Ph.D and also awarded with various international travel grants for presenting in conferences. She has more than 4 years of teaching and 2.5 years of industrial experience in R&D and Quality Assurance. She is instrumental in handling of UV-Visible spectrophotometer, FTIR, HPLC, Zetasizer, Super critical fluid chromatography etc. She has published 16 research and review articles in peer reviewed international and national journals. Her research area of interest is analytical method development and validation on HPLC, LC-MS/MS, nano-formulation development, active drug targeting of molecules. She is also keen in pursuing a career in drug regulatory affairs. She may be contacted at sharmisthamohapatra@dpsru.edu.in.



Dr. S.Sivakalai has joined as Assistant Professor, Department of Microbiology, School of Allied Health Science and Management, Delhi Pharmaceutical Science & Research University (DPSRU), New Delhi, India. Dr. S. Sivakalai has completed her PhD from Annamalai University (Regular), Chidambaram in the area of Microbiology. She has 2 year of experience at Sri Akilandeswari women's College, Wandiwash, Tamilnadu and Delhi Pharmaceutical Science & Research University (DPSRU), New Delhi. She has contributed two book chapter Environmental and Social Justice, Human population and social Justice for Indira Gandhi National Open University, New Delhi. Another two book chapter Ethnobotanical, Ethnopharmacological, and Pharmacognostical studies on Witania somnifera & Crocus sativus for CRC press. She may be contacted at sivakalai@dpsru.edu.in.



Dr. Mamta Bishnoi has joined as Assistant Professor, Department of Drug Regulatory Affairs, School of Pharmaceutical Sciences, Delhi Pharmaceuticals Sciences and Research University (DPSRU), New Delhi, India. She has done PhD from the School of Pharmaceutical Sciences, Jaipur National University, Jaipur (Raj.), and M. Pharm from Dr. Hari Singh Gour Central University, Sagar, M.P. India. She has more than 8 yrs. Experience in Academics and 5 yrs. experience in the pharmaceutical industry especially in the Parenteral section at Jagsonpal Pharmaceutical Ltd., Faridabad, Mega international Pvt. Ltd. Gurugram, and Siemen Laboratories, Gurugram, Haryana. She is an Approved Manufacturing Chemist in tablets, capsules, Liquid Orals and Ointments. To her credit are more than 15 research and review articles with book chapters in peer-reviewed Journals of International and National repute. Her research area includes Targeted Novel Drug Delivery Systems (Pharmaceutics), Preformulation study, Solid lipid nanoparticles, nanovesicles, and analytical method development and validation on HPLC for allopathic formulations. She has also completed her MBA (Operation Management) with the project on The Emerging Scenario of Product Patent Regime in Pharmaceutical Industries in India and Post Graduate Diploma in Pharmaceuticals Regulatory Affairs from Jamia Hamdard, New Delhi. She can be contacted at bishnoi.mamta@dpsru.edu.in

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Dr. Ramsha Iqbal has joined as Assistant professor, Pharmacology, Department of Allied Health Sciences and Management, Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi. She has done PhD from School of Pharmaceutical Sciences and Research from Jamia Hamdard, New Delhi. She has five years of research and teaching experience. She has 7 research and review articles in peer reviewed journals of international and national repute. She has presented papers in many national and international conferences. Her area of interest includes evaluation of synthetic compounds for their effect in epilepsy and cardiovascular diseases, Development of nanoformulation for targeting in brain for neurological disorders. Research area: Evaluation of synthetic molecules that could be developed as potential treatment for neurodegenerative diseases. Nanoformulation development for brain targeting in neurological diseases. She may be contacted at iqbal. ramsha@dpsru.edu.in

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Dr. Jitender Munjal has joined as Assistant Professor (Sports Medicine) in School of Physiotherapy, Delhi Pharmaceutical Sciences and Research University, New Delhi. He has done his Professional Education from Manipal Academy of Higher Education & Guru Nanak Dev University, Amritsar. He has an Academic, Research and Industrial experience of over 16 years. He has been conferred upon with a number of Awards including "Indian Healthcare Excellence Award 2019" by Honourable Min. of State (Health & Family welfare),Govt of India. He has more than 20 research publications in peer reviewed & International Journals. He has been a resource person & panel of experts for various Universities across India. He has organised a number of conferences, workshops and healthcare camps. His services have been well appreciated by the Former Lieutenant Governor of Delhi/ Governor of Meghalaya& other Dignitaries. Dr Munjal has a versatile experience of working as a team Physiotherapist for a large number of sports tournaments like International Cricket matches, Delhi Police sports tournaments, Commonwealth Games (CWG) 2010 and HSBC Asian 5 nation Rugby tournaments to name a few. He has even trained

Physiotherapists for CWG 2010. His research areas include Physiotherapy in Sports Medicine, Orthopaedics &Neurology and Tele-rehabilitation. jitendermsportsphysio@dpsru.edu.in



Dr. Himanshu Mittal has joined as Assistant Professor of Mathematics at Delhi Pharmaceutical Sciences & Research University (DPSRU), New Delhi, India. Dr. Mittal has done M.Sc. (Mathematics) from Panjab University, Chandigarh and Doctorate from GD Goenka University, Gurugram. He has 5 years of teaching experience of undergraduate and postgraduate classes. He received many awards for his best academic and research performances. He got 1st Position in state level mathematics exhibition. He was also awarded by Young Researcher award – 2020. He has authored several research papers which are published in prominent International Journals and conferences. His research area includes Queuing Theory, Mathematical modelling and optimization techniques. Dr. Mittal can be contacted at himanshu1000mittal@gmail.com



Mr. Varun Sharma has joined Delhi Pharmaceutical Sciences & Research University as Assistant

Professor. Mr Varun brings with him over 7 years of corporate experience as a brand and communications strategist operating in global and APAC roles. His proven experience includes associations with multinational media, start-ups and technology firms and has been actively training and up-skilling young talents in the areas of communication, content and personality development for over 4 years. Varun holds a Bachelor's and Master's Degree in Business Administration (BBA & MBA) and is currently pursuing his PhD. He can be contacted at varun.sharma@dpsru.edu.in

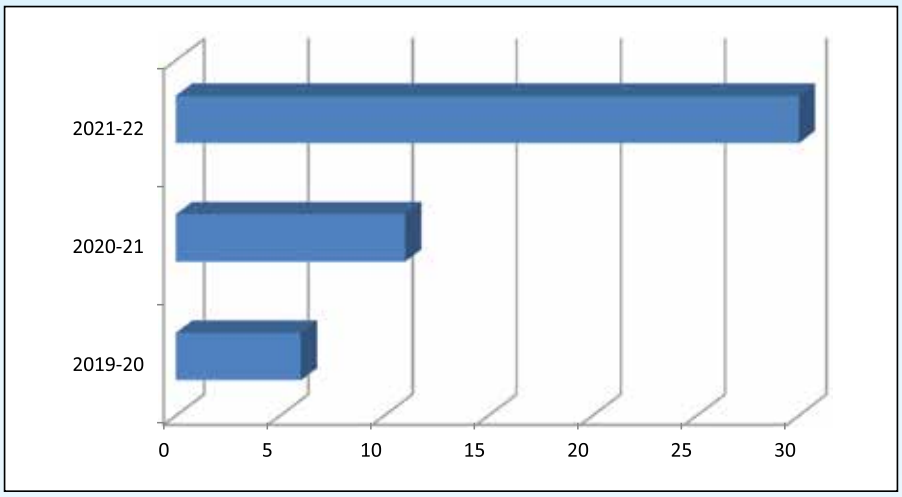


Dr. Sarika Singh has joined as Assistant Professor in the School of Allied Health Sciences and Management, DPSRU, New Delhi, India. Dr. Sarika has over four years of professional experience. She completed her Ph.D. (Life Sciences) from Defense Institute of Physiology and Allied Sciences, DRDO, New Delhi, in the field of Environmental and Occupational Health. Her doctoral work sought to delineate the relationship amid the exposure of non-ionizing radiation emanating from military radar at X and Ku

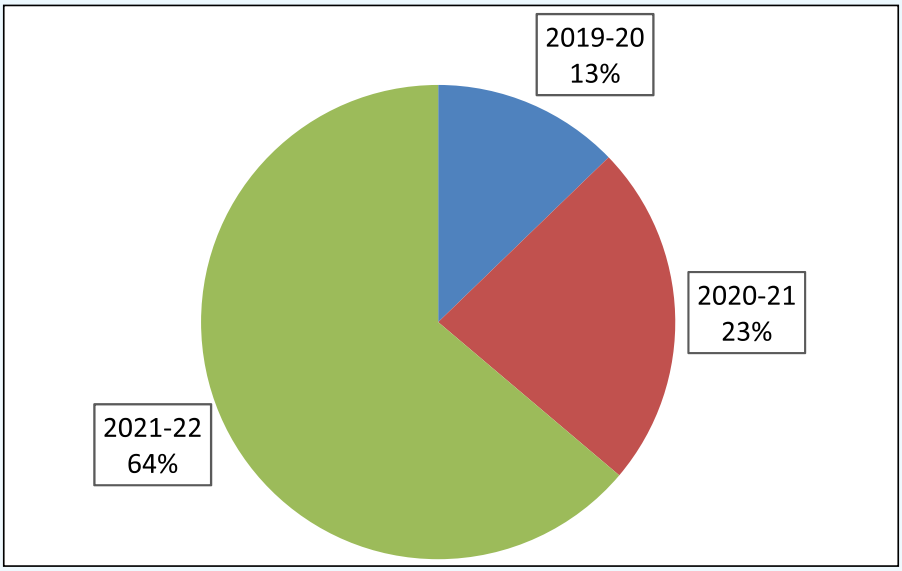
frequency bands and health risks to the military personnel. Her research interests include occupational and environmental health, water pollution and health, environmental toxicology, water quality management, health and climate change, disaster management. She has published research papers and book chapter in reputed international journals and also presented her work at different conferences. She was awarded research fellowship from DRDO, Ministry of Defense. Her experience in academics comprise teaching at both the under-graduate and post-graduate levels. During her previous tenure at Banasthali Vidyapith, Rajasthan, she supervised master's dissertation project of two students, was Course-Coordinator for Environment Studies, was member of Board of Studies for curriculum design, member of Department's Academic Quality Assurance Cell.



Dr. Piyush Mishra has joined as Assistant Professor (Data Science), School of Allied Health Sciences and Management, Delhi Pharmaceutical Sciences and Research University (DPSRU). He has done his B.Tech, M.Tech and Ph.D in Computer Science and Engineering. He has more than 2 years of research experience at Indian Council of Agricultural Research (ICAR – HQ), PUSA, New Delhi. To his credit are 10 research and review articles in conferences and journals of national and international repute. His research area includes Artificial Intelligence, Machine Learning, Medical Image Processing, Natural Language Processing and Deep Learning. He is Associate Member (AM) – Life Time Membership, The Institution of Engineers (India), IEI.



Graph showing new recruitments of Teaching Faculty in DPSRU in the last 3 years



Pie chart showing new recruitments of Teaching Faculty in DPSRU in the last 3 years

RESEARCH PROFILE OF FACULTY

Dr. Mukesh Nandave, Dr. Prabodh C Sharma & Dr. Priti Jain

DELHI PHARMACEUTICAL SCIENCES AND RESEARCH UNIVERSITY



Dr. Ramesh K. Goyal, Professor & Vice chancellor

Biomarker based new drug discovery and development of herbal products, phytopharmaceutical drugs. Development of new drugs through 505b (2) pathway. Clinical research including Pharmacovigilance. Specific are: Diabetes, Cardiovascular complications & inflammatory disorders.

ORCID: 0000-0001-8179-6423

DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH

Department of Pharmaceutics / Hospital Pharmacy



Dr. Prabhav K. Sahoo, Professor and Director

Development of formulations (niosome, intranasal bypass DDS, niosomalantiacne gel, emulgel, transungual drug delivery). Gold nanoparticles based supramolecular architecture for non-Hodgkin lymphoma.



Dr. Meenakshi Kanwar Chauhan, Associate Professor

Vesicular/particulate drug delivery- for improved bio-pharmaceutical performance through topical and oral routes. Ophthalmic drug delivery system. Formulation approaches to improve ocular bioavailability of drugs. Protein/peptide drug delivery technology.



Dr. Deepti Pandita, Professor

Nanomedicine & Nanotheranostics, Bioconjugates, Stem Cell Research for Tissue Engineering, Drug Discovery & Repurposing, 3D Printing for Personalized & Precision Medicine, Targeted Phytochemicals Delivery



Dr. Gaurav K. Jain, Associate Professor

Industrial pharmacy and product development; Translational research; Oral, dermal, ocular drug delivery using Nanotechnology; Targeted drug delivery, Technology transfer, Gamma scintigraphy and Clinical studies.

ORCID: 0000-0003-1719-238X



Dr Pooja Mongia Raj, Assistant Professor

Nanotechnology based dual delivery systems for targeting, Molecular and Cellular Imaging of targeted biomolecules, Pharmacokinetics and pharmacodynamic studies

ORCID: 0000-0002-0069-7421



Dr. Dalapathi Gugulothu, Assistant Professor

Si RNA Delivery, Targeted drug delivery systems, Nanofibers, Exosomes, Nanotoxicology, Intracellular Trafficking of nanoparticles, Microneedles, Development of Lyophilzation Cycle, Gastroretentive drug delivery systems, Orodispersible drug delivery systems and HPLC method development.

ORCID: 0000-0001-5615-201X



Dr. Anshul, Assistant Professor

Nanomedicine & nanotheranostics, metallic nanoparticles, their optimization, characterization and surface conjugation, targeted drug delivery, gamma scintigraphy, cosmecuetics.

ORCID: 0000-0001-9476-2329



Dr. Lalit Kumar, Assistant Professor

Nanoparticulate Drug Delivery Systems, Targeted Drug Delivery Systems, Transdermal Drug Delivery Systems, Topical Drug Delivery Systems, Oral Drug Delivery Systems, Quality by Design, Design of Experiments, Analytical and Bioanalytical method development and validations.

ORCID: 0000-0002-2418-9712



Dr. Atul Jain, Assistant Professor

Quality by design (Qbd)-driven development of nanostructured drug

delivery systems, Lipomer, Conjugation, Receptor mediated drug

delivery systems, Bioavailability enhancement

ORCID: 0000-0003-2511-3856



Dr. Beauty Behera, Assistant Professor

Biomaterials and tissue engineering for regenerative medicine, Biopolymers for drugs, immunotherapy, and probiotics delivery, Peptide-based delivery systems.

ORCID: 0000-0003-3756-0741

Department of Pharmaceutical Chemistry/Quality Assurance



Dr. Dharam Pal Pathak, Professor

Drug design, synthesis and pharmacological evaluation of fatty acid derivatives, oxadiazole, and benzthiazole derivatives. Chemical, biological, radiological and nuclear decontamination and mitigation in case of emergencies.



Dr. Sharad R. Wakode, Professor

Synthesis and development of new medicinal heterocyclic scaffold and investigation of biological activities such as antiviral, anti-inflammatory, anti-diabetic, anti-Alzheimer. Analytical method development, stability studies and validation of newer finished products and formulations. Photochemical investigations for the isolation, purification and characterization of its chemical constituents from selected Medicinal plants and screening for their Biological activity.

ORCID: 0000-0003-1408-1019



Mrs. Amrita Parle, Associate Professor

Planning, designing, synthesizing, characterizing and screening of novel compounds. Development and validation of analytical methods like Reverse HPLC, HPTLC, UV, and LC/MS-MS for Drug molecules. Pharmacovigilance



Dr. Ramesh B. Bodla, Associate Professor

HPLC Method development and validation of Drug and their combinations in formulations and APIs. Quality assessment and Quality control of drugs and Phytochemicals. Plant tissue culture studies of static and cell suspension cultures using Elicitors and Bio precursors for the Bio Production of secondary metabolites. Synthetic Medicinal Chemistry for potential drug molecules or drug analogs and their Biological screening.



Dr. Saurabh Dahiya, Associate Professor

Analytical assays, validation, synthesis and development of target specific dosage forms including radiopharmaceuticals, analytical profiling of pharmaceutical formulations, and clinical research on life-style diseases.

ORCID: 0000-0001-8291-1796



Dr. Sahil Kumar, Assistant Professor

Design, docking, synthesis, characterization and biological evaluation of novel medicinal molecules using heterocyclic scaffolds and polymeric prodrug design and synthesis for targeted drug delivery.

ORCID: 0000-0002-4868-0741



Dr. Ruhi Ali, Assistant Professor

Design, synthesis and evaluation of small molecule drugs for the treatment of neurological disorder.

ORCID: 0000-0003-4889-3453



Dr. Archana Sharma, Assistant Professor

Design, synthesis and biological evaluation of thiazolidi-4-one based small heterocyclic agents as anticancer agents.

Department of Pharmacology



Dr. Rajani Mathur, Associate Professor

Metabolic disorders and its complications. Pharmacological Screening of potential drugs for cardio protective effects, ocular therapeutics, molecular mechanisms of metabolic disorders.



Dr. S. Latha, Asst Professor

Pharmacological Screening of Anti-angiogenic herbal drugs and their isolated compound. Neuroprotective effect of herbal extract and isolated compound.



Dr. Sachin Kuma, Assistant Professor

Cancer metabolism; targeted delivery of phytochemicals to cancer with nanocarriers and toxicological studies.



Dr. Anoop Kumar, Assistant Professor

Research interests are drug repurposing using computational, In-vitro and In-vivo techniques, Meta-analysis, Network Pharmacology, Signal analysis in Pharmacovigilance and Pharmacoeconomic studies.

ORCID:0000-0002-7806-9986

Department of Pharmacognosy



Mrs. Manju Vyas, Associate Professor

Evaluation of Different biological activities of medicinal plants.



Dr. Sakshi Bajaj Assistant Professor

Standardization, Isolation, Characterization, HPTLC analysis and evaluation of antioxidant, anti-inflammatory, anthelmintic, antileishmanial and cytotoxicity of natural products.

ORCID : 0000-0002-9742-2765

SCHOOL OF PHARMACEUTICAL SCIENCES

Department of Pharmaceutics/Industrial Pharmacy/Cosmeceutics/Drug Regulatory Affairs



Dr. Harvinder Popli, Professor & Director

Application of Nanotechnology and Phytopharmaceuticals for development of differentiated drug Delivery Systems for Systemic delivery, Cosmetology. Regulatory policies for impurity profiling, Medical Devices, IVD and Biologicals. Health economics and role / applications of AI in Healthcare.



Dr. Geeta Aggarwal, Professor, Dean (Academics)

Nanocarriers for drug targeting, Transdermal and Topical drug delivery by using colloidal carriers, Exploitation of natural polymers and lipids for enhancement of bioavailability of drugs, Validation for temperature-controlled packaging materials, Expertise sharing with industry for Formulation and Development.



Dr. Sushama Talegaonkar, Associate Professor

Development of wide variety of smart and intelligent nano drug delivery systems (Bioinspired nanoparticles, Nanovesicular systems, Self-emulsifying drug delivery systems, etc.) for biomedical applications, targeted drug delivery and Bioavailability enhancement.

ORCID: 0000-0003-2211-5119



Dr. Madhu Gupta, Associate Professor

Pharmaceutical Nanotechnology and targeted drug delivery for magical molecule delivery, ligands for targeting of bioactives, polymers. Nanoformulations development in the area of cancer, wound healing, fungal infection psoriasis, and many more.

ORCID: 0000-0003-3877-9956



Dr. Minakshi Garg, Associate Professor

Formulation development along with their global regulatory filing. Development and characterization of stabilized liposomal drug delivery systems and solubility enhancement of poorly aqueous soluble drugs.



Dr. Amanpreet Kaur, Assistant Professor

Novel Drug delivery systems for topical and transdermal systems based on nanocarrier approaches viz., Liposomes, Ethosomes, Transfersomes, Solid lipid nanoparticles and NLCs, oral films based on mucoadhesive drug delivery systems.

ORCID: 0000-0001-6561-7544



Dr. Sumit Sharma, Assistant Professor

Formulation and development of nano drug delivery systems including polymeric nanoparticles and nano emulsions, targeted delivery systems, multi unit particulate systems, stimuli responsive, gelling systems, suspensions and tablets. Experienced in Film coatings techniques (Spray and Wurster) and Pharmacodynamic and Pharmacokinetic studies.

ORCID: 0000-0001-7898-4677

Department of Pharmacology / Biotechnology



Dr. Mukesh Nandave, Associate Professor

Investigating the role of nutraceuticals and Phytopharmaceuticals for Myocardial ischemia & reperfusion injury, Diabetes, Obesity, Pain management. Effects of Sirtuin1 (SIRT1) activation in ageing-related cardiovascular diseases, System Xc- antiporter inhibition in epileptogenesis, and Targeting AMPK, SIRT1, and cholesterol pathways for prevention of metabolic abnormalities-associated cancer.

ORCID: 0000-0002-6535-6505



Dr. Ajit Kumar Thakur, Assistant Professor

Neuropharmacology & psychopharmacology with specific reference to investigation of neurotransmitters and biomarkers in CNS co-morbidity associated with metabolic disorders & stress. Preclinical research for novel therapeutic hits and leads suitable for drug development aimed at Neurological Disorders.

ORCID: 0000-0002-1187-602X

Department of Pharmaceutical Chemistry/Pharmaceutical Analysis



Dr. Rajiv Kumar Tonk, Professor

Designing, synthesizing, and characterization of new chemical entities incorporating heterocyclic scaffolds as potential antimicrobial, anti-inflammatory (COX-1, COX-2 and ITK inhibitors), Anti-Alzheimer, Anticancer and Antiviral agents. Development and validation of analytical methods for drugs and drug formulations.

ORCID: 0000-0002-0842-5121



Dr. Prabodh Chander Sharma, Associate Professor

Design and synthesis of novel thiazole, thiazolidin-4-one, fluoroquinolone derivatives for anti-infective and anticancer activities.

ORCID: 0000-0003-1920-3855



Name: Dr. Priti Jain, Assistant Professor

Use of in silico tools for drug design, synthesis of low molecular weight heterocycles, Analytical method development and validation

ORCID: 0000-0003-2801-436X



Dr. Suraj pal Verma , Assistant Professor

Characterization and evaluation of active pharmaceutical ingredients as bulk drug substances and in complex formulations by using HPLC, LC-MS and GC-MS/MS techniques.

ORCID: 0000-0002-4357-2995



Dr. Kusuma Praveen Kumar, Assistant Professor

Green solvent approaches to the development and validation of new analytical methods for drug molecules using HPLC, UV, LC/MS, and other techniques, Bio-analytical method development and metabolite profiling; Impurity profiling of drugs; Forced degradation (stress testing) and stability kinetics studies, Synthesis of computationally designed molecules of medicinal interest; Extraction, isolation, and chemical studies on bioactive metabolites from plant sources

ORCID: 0000-0002-0854-3734

Department of Pharmacognosy and Phytochemistry



Dr. Ajay Sharma

Drug discovery and development from natural sources, Ethnopharmacology, Natural product chemistry, Metabolomics, Plant Biotechnology, and Bioactivity guided fractionation and Bioconversions.

Google scholar link:

ORCID: 0000-0002-3623-4445



Dr. Mahaveer Dhobi

Bioactivity guided isolation and structure elucidation of pure compounds from medicinal plants; Method Development, Validation Standardization and quality control for estimation of analytical markers in plants; Screening of plant extracts and their isolates for Central Nervous System related disorders.

ORCID: 0000-0002-9148-5714



Dr. Vijender Kumar, Asst Professor

Polyherbal Formulation Development and Characterization as per API standards. Standardization and monograph developments of Indian Medicinal Plants. Pharmacological evaluation of traditional herbs for CNS and Metabolic disorders. Explore the traditional uses of Indian Medicinal Herbs and Plants in Modern era.

ORCID: 0000-0003-0970-6571



Dr. Devesh Tewari, Asst Professor

Natural products drug discovery with focus on exploration of medicinal plants of the Himalayan region through ethnopharmacology and reverse pharmacology approach

ORCID: 0000-0002-5125-3791



Dr. Arya Lakshmi Marisetti, Asst Professor

Extraction, Isolation & characterisation of phytochemicals, chromatography, pharmacognostic and phytochemical analysis, biological activities, Natural product pharmacology, Ethanopharmacology, Traditional medicine, Herbal medicine and Herbal drug development.

ORCID: 0000-0002-3803-3399

Department of B.Pharm (AYURVEDA)



Dr. Foziyah Zakir, Assistant Professor

Development of nano-appended drug delivery systems for the treatment of osteoporosis. Enhancement of solubility, bioavailability, and therapeutic efficacy of biological active molecules through amalgamation of pharmaceutics with ayurvedic drugs.

ORCID : 0000-0002-5315-1190



Dr. Roshni Tandey, Assistant Professor

Environmental botany, oxidative stress, polyaromatic hydrocarbons, nutraceuticals, green extraction methods, isolation and purification of natural products, phenolics, flavonoids, microwave assisted extraction.

ORCID: 0000-0002-1873-9634



Dr. Amrita Mishra, Assistant Professor

Standardization of ayurvedic and herbal drugs and formulations, Traditional system of medicine, quality control aspects of ayurvedic and herbal drugs and formulations.

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SCHOOL OF ALLIED HEALTH SCIENCES & MANAGEMENT

Department of Pharmaceutical Management/Hospital Management/Public Health/Medical Lab Technology



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Healthcare market, Commercial Drug Development, Quality Systems and Compliance, Health care Management and Public Health Management, Human resource management, Analytical Method Development and Validation of Newer Drugs and formulations, Stability studies including accelerated stability testing of finished products.

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Maternal and Child health, Globalization of healthcare, Industry 4.0 in healthcare, lean management in healthcare, Decision making in healthcare using MADM & Structural modelling techniques like ISM, TISM.

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Consumer Behaviour towards Over-the-Counter Medicines, Physician Prescription Behaviour, Rational Use of Medicines, Pharmaceutical Supply Chain Management, Pharmaceutical Services in Hospital.

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Rural Health, Urban Health Development, e-Healthcare Systems. Analytical Method Development and Validation for Newer Drugs, Application of Quality by Design for formulation development of drugs, Hepatoprotective, Anti-ulcer, Analgesics, and anti-inflammatory activity in herbal drugs.



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Telemedicine/e-Health, Quality in hospitals and healthcare i.e., Accreditation, Six-sigma and lean management, Postnatal depression.

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Entrepreneurship Ecosystem, Entrepreneurial Intention, Entrepreneurship and economic growth, Entrepreneurs as catalytic agents, sustainable development, Energy sector sustainability, employee productivity, Bibliometric analysis.

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Understand the evolution and rise in antimicrobial resistant pathogens in human and environmental microbiome using advanced bacterial genomics and metagenomics.

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Proteomics, Genomics, Enzymatic Synthesis, Spectral Characterization of Chemical Structure (FTIR, NMR (1H, C13 & 2DHSQCT), Nano-particle synthesis and characterization, Plant Tissue Culture.

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Infectious Diseases, Visceral leishmaniasis, Biomarker discovery, Vaccinology, Molecular and Cellular Immunology, Metabolic Disorders, Health Policy Research, Analytical method development of biomolecule

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SCHOOL OF PHYSIOTHERAPY



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Biomechanics, pathomechanics, work place ergonomics, Yoga and Physiotherapy integration, worked on Myopia and Hyperopia by using MFR technique. Prevention of injury and enhancing performance of the athletes and handling microcurrent for aesthetic purpose. Inflammation of skeletal muscle at molecular level.



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Working on fitness of school children, work related musculoskeletal disorders, women health, intervention related to cervical and low back pain, training techniques for enhancing performance in various sports.

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Motor Control and Motor Learning for Paediatric group (Cerebral Palsy, Autism Spectrum Disorders, Developmental disorders etc.) with specific reference to Posture, Balance, Trunk control and activities of daily living. Evaluate abnormal blocks to development of the children with special needs and emphasize on normal development. Evaluate caregiver burden of children with special needs and design strategies for the same.

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Physiotherapy, chiropractic and osteopath



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Effect of patellar taping in patellofemoral OA, Recent advances in physiotherapy, Coccydynia and tibiofemoral OA

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PHARMANNUAL 2021-22

PUBLICATIONS AND PATENTS

Dr. Minakshi Garg & Dr. Sumit Sharma

PUBLICATIONS

1. Pal, S., Prasad, R.S., Prasad, S.K., **Goyal, R.K.**, **Dhobi, M**. An updated overview of ethnomedicinal uses, phytochemical and various pharmacological evaluations on the plant capparis decidua (Forssk.) edgew. CurrTrad Med: 2021, 7(2), 189–202
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6. Musyumi P, Nagpal M and **Goyal RK.** A Case Study: Analysis of Patents of Coronaviruses and COVID-19 for Technology Assessment and Future Research. Curr Pharm Des. 2021: 27;434-50.
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13. Jain S, **Goyal RK**, **Ajmera P**, **Aggarwal G**, Dhiman S, Recent Advances in Diagnosis and Management of Myofascial Pain Syndrome: A Narrative Review. J Clin Res: 2021: 15 (10)
14. Dhiman S, **Goyal RK**, **Ajmera P**. Standardization of child sensory profile–2 care giver questionnaire in children with spastic cerebral palsy.Ind J Health Sci and Care 2021; 8 (spl), 33–33

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BOOK/BOOK CHAPTER

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PATENTS

1. **Goyal RK**, Nagpal M, **Aggarwal G**. National patent on "Stable pharmaceutical nasal composition for Rhinnorhea". Application number: 202011007732 (Complete application filed in Jan 2021) Patent under examination.

2. **Goyal RK**, **Jain S**, **Aggarwal G.** National patent on "A mucle relaxant pharmaceutical composition for combating muscle pain" and injuries. Application number 202011018974 (Complete application filed in May 2021). Patent under examination.

3. **Jain P**, Jain M. Nanoparticle doped fullerene as Cryo-electron microscopy biomarker and method of preparation. 202221011703A (Published) 15 April 2022.

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6. **Meenakshi K Chauhan**, Pankaj K Sharma, Vitamin E TPGS based Pharmaceutical Composition for Drug Delivery, Patent Appl. No. 201911012651 DIPSAR, New Delhi, Granted Patent No. 376816/2021.

Guest Lectures Delivered by Professor Ramesh K. Goyal, Vice Chancellor

S. N.	Date	Place	Subject/Topic
1	14/5/2021	Double Helical Webinar, New Delhi	Pharmacology & Therapeutics Principles of Managing COVID-19
2	25/5/2021	NAMS, New Delhi	Pharmacology & Therapeutics Principles of Managing COVID-19
3	5/6/2021	Pharmacy College Almora	Opportunities and Challenges for Pharmacists as frontline Professionals to Fight COVID 19 Pandemic: Understanding Clinical Pharmacy & Therapeutics
4	10/6/2021	SVCE, Chennai Webinar	Green Chemistry & Pharmaceuticals during the COVID-19 Era
5	21/6/2021	Yoga Day Celeberation, IIMHR, Jaipur	Science of Yoga for health and wellness after COVID-19
6	28/6/2021	AICTE Sponsored FDP, New Delhi	Novel Formulation Development by Drug Engineering: Success Story at University
7	9/7/2021	AIIA, New Delhi	Development of CoroQuil Zn from DPSRU
8	24/7/2021	L. M. College of Pharmacy, Ahmedabad Distinguished Lecture	Science of Science Management in Drug Discovery & Development
9	27/8/2021	InsulindayCeleberation	Success Story for Drug for Managing COVID-19
10	22/8/2021	PHD-Innovation Webinar	Healthcare Entrepreneurship: Lessons from COVID-19
11	26/8/2021	Ethnopharmacology Conference, Pune	Explored from Delhi Aravalli Biodiversity: Medicine for the treatment of COVID-19
12	17/9/2021	AICTE FDP, Amravati	21 Revolutions of the 2021 in Pharmaceutical Sciences
13	21/9/2021	Visnagar University, Gujarat	Pharmaceutical Sciences & Drug Development
14	25/9/2021	World Pharmacy Day Celeberation	World Pharmacy Day: Theme Lecture Pharmacy: Always Trusted for your Health
15	29/9/2021	World Heart day Celeberation	World Pharmacy Day: Theme Lecture Connecting to prevent Cardiovascular diseases
16	18/10/2021	Orientation Program, Anangpuria Institute of Pharmacy, Noida, UP	Pharmacy: Ever Green Health Sciences Career
17	23/10/2021	National e- Seminar. ITM University, Vadodara	From Docking to dweling upon drug development with novel target ACE-2

S. N.	Date	Place	Subject/Topic
18	29/11/2021	National Pharmacy Week Valediction, PHD Chamber of Commerce, New Delhi	Pharmacists: An Integral part of Healthcare
19	3/12/2021	SSJain College of Pharmacy, Chandwada, Nashik, MS	Research, Innovations and Technologies: Challenges & Opportunities in Pharmaceutical Sciences
20	11/12/2021	4th Annual International Conf. for SAAC, new Delhi	Latest in Alternatives to Animal Experimentation for Biological Research: Organ-on-Chip Technologies
21	16/12/2021	Lloyd Institute of Pharmacy	Making Global Impact Through NEP-2020 Transformational Reforms
22	20/1/2022	PHD Chamber, Seminar on Ayurveda in Post Covid Complications	Building Higher Immunity through Ayurveda for Omicron Variant
23	27/1/2022	Pt.RaviShankar Sharma University, Raipur	IP and Regulations: Challenges and Opportunities in Healthcare Entrepreneurship
24	11/3/2022	L. J. University of Science and Technology, Ahmedabad	Molecular Docking to Dwelling in the Development of Novel Herbal Formulation for the Treatment of COVID-19 and it's complications
25	13/3/2022	Guru Nanak Dev University, Amritsar	Outcome and Product based Translational Research: Some Success Stories
26	23/3/2022	Delhi Technological University, New Delhi	Newer developments in research in 4th Industrial era
27	7/4/2022	Nirma University, Ahmedabad	21 Revolutions of the 21st Century in Pharmaceutical Sciences
28	23/4/2022	9th International Congress of Society for Ethnopharmaco.-2022, JSSAHERMysuru	Ancient Herbal Wealth in the Era of of 4th Industrial Revolution

AWARDS AND ACHIEVEMENTS

Dr. Sushama Talegaonkar, Dr. Amanpreet & Dr. Bharti Mangala

Prof. Ramesh K. Goyal

Awards

- Conferred with the prestigious "Jaswant Singh Rai Memorial Lectureship Award 2022, awarded by; Faculty of Life Sciences, Guru Nanak Dev University (GNDU), Amritsar, March 29, 2022.
- Listed in "World's Top 2 % of Highly Cited Scientists" by the University of Stanford, USA for 2 consecutive years.
- Honoured with "Commonwealth Innovation Award in Drug Development", 2021
- Appointed as 'President' in International Academy of Cardiovascular Sciences, (India Chapter)

Achievements/Recognitions

- Delivered a guest lecture on Pharmacology & Therapeutics Principles of Managing COVID-19 at Double Helical Webinar, New Delhi, 14th May, 2021
- Delivered a guest lecture on Pharmacology & Therapeutics Principles of Managing COVID-19 at NAMS, New Delhi, 25th May, 2021
- Delivered a guest lecture on Opportunities and Challenges for Pharmacists as frontline Professionals to Fight COVID 19 Pandemic: Understanding Clinical Pharmacy & Therapeutics at Pharmacy College Almora, 5th June, 2021
- Delivered a guest lecture on Green Chemistry & Pharmaceuticals during the COVID-19 Era at SVCE, Chennai Webinar, 10th June, 2021
- Delivered a guest lecture on Science of Yoga for health and wellness after COVID-19 at Yoga Day Celebration, IIMHR, Jaipur, 21st June, 2021.
- Delivered a guest lecture on Novel Formulation Development by Drug Engineering: Success Story at University that AICTE Sponsored FDP, New Delhi, 28th June, 2021.
- Delivered a guest lecture on Development of CoroQuil Zn from DPSRU at AIIA, New Delhi, 9th July, 2021.
- Delivered a guest lecture on Science of Science Management in Drug Discovery & Development at L. M. College of Pharmacy, Ahmedabad Distinguished Lecture, 24th July, 2021
- Delivered a guest lecture on Success Story for Drug for Managing COVID-19 on Insulin Day Celebration, 27th August 2021
- Delivered a guest lecture on Healthcare Entrepreneurship: Lessons from COVID-19 at PHD-Innovation Webinar, 22nd August, 2021
- Delivered a guest lecture on Explored from Delhi Aravalli Biodiversity:Medicine for the treatment of COVID-19 on Ethnopharmacology Conference, Pune, 26th August, 2021.
- Delivered a guest lecture on 21 Revolutions of the 2021 in Pharmaceutical Sciences at AICTE FDP, Amravati, 17th September, 2021.
- Delivered a guest lecture on Pharmaceutical Sciences & Drug Development at Visnagar University, Gujarat, 21st September 2021.
- Delivered a guest lecture on World Pharmacy Day: Theme Lecture Pharmacy: Always Trusted for your Health on World Pharmacy Day Celebration, 25th September, 2021.
- Delivered a guest lecture on World Pharmacy Day: Theme Lecture Connecting to prevent cardiovascular diseases on

World Heart day Celebration, 29th September, 2021

- Delivered a guest lecture on Pharmacy: Ever Green Health Sciences Career at Orientation Program, Anangpuria Institute of Pharmacy, Noida, UP, 18th October, 2021.
- Delivered a guest lecture on From Docking to dweling upon drug development with novel target ACE-2 on National e- Seminar. ITM University, Vadodara, 23rd October 2021.
- Delivered a guest lecture on Pharmacists: An Integral part of Healthcare on National Pharmacy Week Valediction, PHD Chamber of Commerce, New Delhi at 29th November, 2021.
- Delivered a guest lecture on Research, Innovations and Technologies: Challenges & Opportunities in Pharmaceutical Sciences at SSJain College of Pharmacy, Chandwada, Nashik, MS, 3rd December, 2021.
- Delivered a guest lecture on Latest in Alternatives to Animal Experimentation for Biological Research: Organ-on-Chip Technologies at 4th Annual International Conf. for SAAC, New Delhi, 11th December, 2021.
- Delivered a guest lecture on Making Global Impact Through NEP-2020 Transformational Reforms at Lloyd Institute of Pharmacy, 16th December, 2021.
- Delivered a guest lecture on Building Higher Immunity through Ayurveda for Omicron Variant at PHD Chamber, Seminar on Ayurveda in Post Covid Complications 20th January, 2022.
- Delivered a guest lecture on IP and Regulations: Challenges and Opportunities in Healthcare Entrepreneurship at Pt.RaviShankar Sharma University, Raipur, 27th January, 2022.
- Delivered a guest lecture on Molecular Docking to Dwelling in the Development of Novel Herbal Formulation for the Treatment of COVID-19 and it's complications at L. J. University of Science and Technology, Ahmedabad, 11th March, 2022.
- Delivered a guest lecture on Outcome and Product based Translational Research: Some Success Stories at Guru Nanak Dev University, Amritsar, 13th March, 2022.
- Delivered a guest lecture on Newer developments in research in 4th Industrial era at Delhi Technological University, New Delhi, 23rd March, 2022.
- Delivered a guest lecture on 21 Revolutions of the 21st Century in Pharmaceutical Sciences at Nirma University, Ahmedabad, 7th April, 2022.
- Delivered a guest lecture on Ancient Herbal Wealth in the Era of of 4th Industrial Revolution at 9th International Congress of Society for Ethnopharmaco.- 2022, JSS AHER Mysuru, 23rd April, 2022.

Dr. O. P. Shukla

Achievements/Recognitions

- Appointed as Director of DPSRU Innovation and Incubation Foundation in March, 2022.

Prof. Harvinder Popli

Awards

- Award for SPER-WF Eminent Teacher Award during 10th Annual International Conference & Exhibition [SPER 2021] held at Ganpat University, Mehsana on 8th October 2021
- BLOOD DONATION GOODWILL AMBASSADOR in recognition by Rotary International during year 2021–2022
- Business Interview in International Journal, India Empire , 32–34, Vol 17 No.5, Oct 2021

Achievements/Recognitions

- Keynote Speaker in Empowerment of Women Entrepreneur in Health Sector, 9th March,2021 in Amity Institute Noida.
- Completed Leadership Training in President Elects Training Seminar PETS, RI District on 29th & 30th June,2021
- Panelist in "Challenges faced by Senior in India (Solution & Way Aheal)"23rd June,2021

- Resource Person in AICTE Training and Learning (ATAL) FDP 5 Days online Faculty Development Program on "Drug Engineering" held during June 28,2021 to July 02,2021
- Organizer and Panelist in Transforming India though Entrepreneurship & Innovation held on 2nd July 2021 with PHD Chamber
- Organized tree plantation, Immunity booster tablets distribution drive on 13th July 2021 at DPSRU campus along with Rotary Club & DPSRU Rotaracts.
- Initiated MOU signing between DPSRU World class skill centre and Rotary Club of Delhi Central, 13th July 2021.
- Organizer and Panelist in Webinar on Innovation & Entrepreneurship in Ayush Sector Role of Industry & Govt. of India PhD Chamber held on 15th July 2021
- Organizer in Collaboration with Wellness Mandate CAN YOU BOOST YOUR EMOTIONAL HEALTH on Saturday 22nd July 2021.
- Facilitate Webinar on Quality by Design and its Role and Application in the Pharmaceutical field, 06th august 2021.
- Facilitate Webinar on Drug Solubilization Using Hot Melt Extrusion Technology, 20th august 2021.
- Advisory for in Concept paper on Study on Cyber Security and Digitalisation for Institute of Directors, Sept 2021.
- Keynote Speaker in SPER World Pharmacist Day on "Pharmacy Always trusted for Your Health" in Okhla, Delhi on 26th September,2021.
- Speaker in "IP AND REGULATORY FRAMEWORK FOR HEALTHCARE ENTERPRISES" Webinar held on 27th to 29thsept. 2021 along with PhD Chamber.
- Organized Free Cardiac Health Check-up Camp & Health Talk at DPSRU on 29th September 2021, with Apollo Hospital
- Keynote Speaker in 10th Annual International Conference & Exhibition on Innovation in Healthcare: Integration academics and Industry 8th October 2021.
- Speaker in "Healthcare Entrepreneurship Lessons from Covid 19" Webinar held on 23rd to 24th oct 2021 along with PhD Chamber.
- Speaker in Leveraging 'The Indian Start-Up Ecosystem for Novel Healthcare Solutions' Webinar held on 29th to 30th November 2021 with PhD Chamber.
- Panelist in Translating the vision NEP 2020: Way forward for effective implementation at LLOYD Campus on 17th December, 2021
- Organized Free Health Check-up Camp at Delhi Heart & Lung Institute and Uddasin Ashram on 24th Dec 2021, with DPSRU Rotaracts.
- Speaker in 3rd National Seminar 'NANOMEDICINE & MEDICAL DEVICES IN HEALTHCARE' held on 11th Feb 2022, at APEEJAY Satya, Gurgaon
- Organized workshop Inspiring women role model- Bharulata Kamble Patel on 7th March 2022 in collaboration with DIIF.
- EXPERT TALK in Three Days National Conference on "Entrepreneurship and Start-up Opportunities in Herbal Drugs – A Way Forward" held on 8th- 10th March 2022 in MDU Rohtak.
- Keynote Speaker on International Women's Day & Breaking the Bias in ISF College of Pharmacy Moga on 8th march 2022
- Chief Guest and Keynote Speaker in National Webinar on Paradigm Shift Conventional to Innovative Pharmaceutical Research on 23th April 2022.
- Graduated Leadership Training in Asst. Governor Training Seminar held by Rotary International on 24th April,2022
- Attended workshop on Gender Sensitization and Prevention of Sexual Harassment of Women at Workplace from 19.05.2022 to 20.05.2022.
- Awarded as "Young Achievers Award" in 4th International Physiotherapy Conference,

16th & 17th, April, 2022, Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur

Prof. Geeta Aggarwal

Awards

- Awarded for Outstanding contribution to DPSRU in Research Promotion on 5th April 2022
- Notable Research award for publication entitled 'A case study: Analysis of patents on Coronaviruss and Covid-19 for Technological Assessment and Future Research in Curr. Pharm. Des.' on 5th April, 2022 by DPSRU.

Achievements/Recognitions

- Appointed as Directors of DPSRU Innovation and Incubation Foundation in March, 2022.

Prof. Rajiv Kumar Tonk

Awards

- Received **Three notable research awards** and Cash prize of Rs. 4028/- during 1st Research Promotion award-2021 ceremony at DPSRU on 05–04–2022.

Achievement

- Awarded AICTE sponsored RPS grant of Rs. 1850000/- "Potential Role of metformin in Cognitive and Affective Abnormalities Associated with Diabetic-Obese Mice" for the period 2021–24.
- Nominated as Assoc. Editor, Indian Journal of Pharmaceutical Education and Research (IJPER)
- Nominated as Astt. Returning Officer to Conduct Delhi Pharmacy Council's Election-2021.
- Nominated as president for DPSRU NDLI Club an initiative of Ministry of education GOI from May'2022.
- Invited as Guest of Honour in the National Seminar RISEM-2022 organized by DPGITM, Gurgaon, 11/05/22 to 12/05/22.

Prof. Deepti Pandita

Awards

- Received Distinguished Research Award on "Role of phytoconstituents in the management of COVID-19"in 1st Research Promotion Awards 2022at Delhi Pharmaceutical Sciences & Research University, Govt. of NCT of Delhi.
- Received Notable Research Award on "Extracellular Matrix Extraction Techniques and Applications in Biomedical Engineering"in 1st Research Promotion Awards 2022 at Delhi Pharmaceutical Sciences & Research University, Govt. of NCT of Delhi.
- Awarded Certificate of Appreciation for being listed as "WORLD'S TOP 2% MOST CITED SCIENTISTS" for two consecutive years 2019 and 2020, on the basis of database created by Stanford University,USA, in 1st Research Promotion Awards 2022 at Delhi Pharmaceutical Sciences & Research University, Govt. of NCT of Delhi

Achievements/Recognitions

- Listed as "WORLD'S TOP 2% MOST CITED SCIENTISTS" for two consecutive years 2019 and 2020, on the basis of database created by Stanford University, USA.
- Invited as Resource Person for One Week PhD workshop on Research Methodology Topic: Understanding Research Ethics: What Researchers need to know" M.D University, Rohtak, March 28th, 2022.
- BOS member at Maharaja Ranjit Singh Punjab Technical University, Bathinda
- Ph.D. Admission Committee member (Outside expert), Maharshi Dayanand University, Haryana.
- Received institutional grant of Rs. 8 Crores from DSIR-CRTDH Scheme under Affordable Health Scheme on September 2021.

- Received institutional grant of Rs. 2 Crores from DST-FIST for Department of Pharmaceutics as the Investigator in 2022.
- Invited as Resource Person for One-week PhD workshop on the theme "Research Methodology and Academic Writing Skills", Topic- Research Ethics: Challenges and Recommendations, M.D University, Rohtak from April 5th-9th, 2021.

Dr. Meenakshi Chauhan

Awards

- Research Innovation Award during the First Research Promotion award ceremony at DPSRU in April 2022 for her patent entitled "Vitamin E TPGS based pharmaceutical composition for sustained drug delivery". Patent No. 376816 granted during 2021.
- Notable Research Award during the First Research Promotion award ceremony at DPSRU in April 2022 for her publication entitled "Conformationally constrained dipeptide-based hydrogel as a platform for 3D cell growth and tissue engineering applications."
- Outstanding Performance and Research Promotion during 2019–21 Award during the First Research Promotion award ceremony at DPSRU in April 2022.
- Awarded for "Outstanding contribution to DPSRU in Research Promotion" during the First Research Promotion award ceremony at DPSRU in April 2022.
- Best Poster Award for paper "Formulation, Characterization of Curcumin loaded nanoparticles for the management of tuberculosis", in National conference organized by KIET School of Pharmacy, Ghaziabad in collaboration with CSIR-Indian Institute of Toxicological Research, Lucknow, India, 7–8, October 2021.
- Best Paper Award (North region) was awarded for research work entitled "Increased bioavailability from levobunolol laden contact lenses for glaucoma therapy" Shweta Mittal, PK Sahoo, Meenakshi Chauhan (DPSRU) at DRPI 2021 conference, in association with AAPS and APTI All-India Finals, 17 July 2021.
- Young Pharmaceutical Researchers Award Pan India for the Second-Best Research was conferred for research work entitled "Increased bioavailability from levobunolol laden contact lenses for glaucoma therapy" Shweta Mittal, Aman, Navneet, PK Sahoo, Meenakshi Chauhan (DPSRU) in the DRPI conference organized by SPDS in association with AAPS and APTI India Finals, 17 July 2021.

Achievements/ Recognition

- Recognition as NITTTR Certified Mentor for newly inducted faculty in AICTE approved institutions, 2021.
- Three students were awarded PhD Degree in 2021–22 namely Mr. Pankaj Kumar Sharma, Mahendra Yadav and Nitin Yadav, completed their PhD under the supervision of Dr. Meenakshi Kanwar Chauhan., at DPSRU.
- Nominated for International Scientist Awards on Engineering, Science, and Medicine, 2021
- Chairperson, AICTE sponsored ATAL-FDP on Drug Engineering, DIPSAR (DPSRU) June 2021
- Chief Guest, Seminar on Holistic Health organized during World Health Day Celebrations, Gurugram College of Pharmacy, Pt B D Sharma University of Health Sciences, Haryana, April 2021
- Member, Scientific Committee, AICTE sponsored ATAL-FDP on Drug Engineering, DPSRU, June 2021
- Member, Technical Program Committee, International Conference on Communication, Information and Computing Technology (ICCICT-2021), Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, Mumbai, India.25–27 June 2021

- Recognition as Faculty Coordinator from DIPSAR/DPSRU for the MANAV Scientific Reading and Comprehension Self-Assessment Module and Mentoring the students to critically evaluate the scientific papers form peer-reviewed Journals from Pharmacy, Oct 2021.
- Nominated from AICTE as Evaluator for various research award schemes, 2021
- Appreciation for contribution in scientific reading practices, capabilities and challenges of UG and PG students from Project Manav, Feb 2022.
- External Expert for selection committee for the award of DRDO RA (Pharma) at INMAS, Delhi 11-Feb 2022.
- Listed in AD Scientific Index- World Scientist rankings 2022.
- External Expert for selection committee for the award of DRDO JRF (Pharma) at INMAS, Delhi 21–22 Feb 2022.

Dr. Sushama Talegaonkar

Awards

- Dr Sushama Talegaonkar conferred A. P. J . Abul Kalam Best Teachers' Excellence Award 2020"
- Dr Sushama Talegaonkar, Associate Professor, Department of Pharmaceutics, Delhi Pharmaceutical Sciences and Research University, has received Dr. A.P.J. Abdul Kalam Best Teacher's Excellence Award 2020" from Dr. Subhas Sarkar, Union Minister of State, Ministry of Education, Govt. of India. The award presentation ceremony was held at the Constitution Club of India, New Delhi, on 22nd December 2021. This prestigious event was organised by the Shikshak Kalyaan Foundation, Delhi, in association with AICTE, New Delhi.

Achievements/Recognitions

- Sushama Talegaonkar, the Associate Professor, Delhi Pharmaceutical Sciences and Research University, New Delhi, India, has been rated among the top two percent of scientists in an analysis carried out by Stanford University in the USA.
- Received the International grant of 4900 Pounds from UCL Global Engagement Funds for project titled "Improving administration of medicine to children globally through a multi-country collaboration approach "
- Received appreciation award from honorable Vice Chancellor, Prof Ramesh K Goyal, for her untiring efforts to initiate the research program scheme on the occasion of National Science Day every year.
- Memer Editorial board, Current Pharmaceutical Design (Impact Factor-3.11) and Recent patents on drug delivery and formulations (Impact factor 1.73).
- Served as a judge in the 2nd student research congress -2021, organised by BNCOP, University of Mumbai, held on 28-30 September 2021

Dr. Rajani Mathur

Achievements/ Recognitions

- Inventor in Patent Aplication (No. 202111058071 A) Published in The Patent Office Journal No. 52/2021dtd 24/12/2021 for "Nano-phytoformulation with enhanced intestinal permeation and absorption for NAFLD in adolescents/ young Adults".
- Nominated as Senior member of International Union of Radio Science (UNION RADIO-SCIENTIFIQUE INTERNATIONALE)

Dr. Ajit Kumar Thakur

Achievements/Recognitions

- Overall 4th Rank and 1st in Pharmacology at DPSRU in the list of World Scientist and University Rankings 2022 by AD Scientific Index 2022.
- Speaker for International E-Conference collaboratively organized by School of Pharmacy, ARKA JAIN University and Pharmacy Department, San Pedro College, Philippines. November 19, 2021.
- As Resource Person during Orientation/

Induction program "AARAMBH 2021", Arka Jain University, Tatanagar (Jamshedpur), September 17, 2021

- Moderator for the Q&A Session, Webinar Series-I, DPSRU- Centre for Precision Medicine and Pharmacy. August 13, 2021.
- Speaker and Resource Person in Webinar Series-2021, ARKA JAIN University, Tatanagar (Jamshedpur), August 01, 2021

Dr. Priti Jain

Achievements

- Invited as eminent speaker for AICTE sponsored one-week STTP on Scientific research paper, patents and research proposal writing for grants and ethics, organized by RC Patel Institute of Pharmaceutical Education and Research. (25–30 April 2021)
- Selected for 14th Young Investigators Meet 2022, sponsored by DBT, India Biosciences, Cactus communications. It had 35 Young Investigators and 50 PDF across the globe. (4–6 May 2022)
- Serving as Editor for Res and Rev: A J of Drug Des and Dis and Reviewer of Drug Development Research (Wiley)
- Organizing Committee Member for various seminars conducted at DPSRU
- Judged various events held at DPSRU
- Earth Day 21–04–2022
- National Pharmacy Week

Dr Anoop Kumar

Awards

- Notable Researcher Award 2022 in Pharmacology from Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi.

Achievements/Recognitions

- Joined as an Assistant editor in Health Sciences Review Journal of Elsevier.
- Invited as "Chairperson" at the IBRO supported Meeting and Workshop on 13th May-15th May 2022 at ISF College of Pharmacy, Moga, Punjab, India.
- Invited as a Resource person in two days' workshop on "Meta-analysis in Biomedical Research" organized by R.C. Patel Institute of Pharmaceutical Education and Research on 24th and 25th April 2022.
- Participated as a Chairperson in Doctoral Consortium- CUDC (Chitkara University Doctoral Consortium 2021) at Chitkara University, Punjab on 12–13th November 2021.
- Participated as a Peer Reviewer of abstracts submitted for virtual International Society for Health Economics and Outcomes Research (ISPOR) Conference-2021 from 15th Nov-18th Nov 2021 in the category of Pharmacoeconomic modelling.
- Delivered an invited talk on "Awareness on Epilepsy" in Rotaract Club of DPSRU on 20th Nov 2021 through virtual mode.
- Participated as an evaluator in oral presentation conducted by Jamia Hamdard University, New Delhi on the topic Recent trends in Pharmacovigilance and Drug Safety on the occasion of "National Pharmacovigilance Week" on 21st September 2021.
- Delivered an invited talk on "Aggregate reporting in Pharmacovigilance" in the virtual 18th Skill Development Programme on Pharmacovigilance for Medicinal Products organized by National Coordination Centre, Pharmacovigilance Programme of India (NCC-PvPI), Indian Pharmacopoeia Commission, Ghaziabad, India from 13th to 17th September 2021.
- Delivered a lecturer in the AICTE sponsored online short-term training course on "Computer-Aided Drug Design and Drug Repurposing" under the Quality Improvement Programme (QIP) held online during 02 August to 07 August 2021 at Jadavpur University, Kolkata, India.
- Delivered an expert talk on "Pharmacoeconomic modelling" in Pharmaceutical Workshop Series held

online during 01 to 10th June 2021 at Chitkara University, Punjab, India.

- Participated as an evaluator of oral presentations in the "Young Pharmacologist Symposium" jointly organized by NIPER Raebareli and Indian Pharmacological Society (IPS) on 27–28th May 2021.
- Delivered an invited talk in "Young Pharmacologist Symposium" jointly organized by NIPER Raebareli and Indian Pharmacological Society (IPS) on 27–28th May 2021.
- Delivered a lecturer on "Meta-analysis of Nanomedicines" in the AICTE sponsored Quality Improvement Programme (Q_I.P) held online during 24th May to 29th May 2021 at Birla Institute of Technology (B.I.T.), Mesra, Ranchi, India.
- Delivered an expert talk on "Disproportionality analysis (DA) in Pharmacovigilance" in two days National Conference on Pharmacovigilance and Drug Safety: Recent Developments and Future Perspectives organized by ISF College of Pharmacy, Moga, Punjab held online during 21–22nd May 2021.

Dr. Sahil Kumar

Achievements/Recognition

- Awarded "GRADE A" on participation in **UGC-SPONSORED FDP/STP (Online)** On "E-Content and IOT: Development & Delivery" organized by UGC-HUMAN RESOURCE DEVELOPMENT CENTRE, Jai Narain Vyas University, Jodhpur-342001, Rajasthan
- 1st March, 2022 to 7th March, 2022.
- Nominated as NSS Programme Officer to Co-ordinate Earth Day Celebration at DPSRU, New Delhi on 22 April, 2022.
- Nominated as NSS Programme Officer to Co-ordinate World Malaria Day Celebration in Collaboration with South Delhi Municipal Corporation (SDMC) at DPSRU, New Delhi on 25 April, 2022.
- Nominated to Co-ordinate Scholarship Distribution Ceremony by Hon'ble Deputy CM, New Delhi for Merit Cum Means Income Linked Financial Assistance Scheme at Thyagraj Stadium, INA, New Delhi on 4th October, 2021.

Dr. Vijender Kumar

Awards

- Received "Best Oral Presentation award" in National Conference cum-Workshop "Post Covid-19 Pandemic Era: Prospective shift towards Clinical and Translational Research" organized by Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab on dated March 16–17, 2022.
- Received "Best Oral Presentation award" in IBRO Sponsored Workshop and Conference "Recent Progress in Brain Research and Drug Discovery" organized by ISF College of Pharmacy, Moga, Punjab on dated May 13–15, 2022.

Achievements

- Invited as Subject Expert in Research Advisory Committee meeting organized by Shyam University, Jaipur office for Doctoral students DRC presentation on dated April 29, 2022.

Dr. Prabodh Chander Sharma

Awards

- Certificate of appreciation for being in the Stanford University List of World's Top 2% Most Cited Scientists.
- Notable Research Award from Delhi Pharmaceutical Sciences and Research University, New Delhi.

Achievements/Recognitions

- Nominated as Member, Board of Studies, CBL University, Bhiwani, Haryana
- Nominated as Expert, Doctoral Advisory Committee, JSS University, Mysore
- Invited as Chairperson at the IBRO supported meeting and workshop on

Recent Progress in Brain Research and Drug Delivery organized by ISF College of Pharmacy, Moga, Punjab during 13 to 15 May 2022.

- Worked as an **Associate Editor** of the journal Frontiers in Drug Discovery
- Delivered a talk as a keynote speaker in National Conference on Novel Perspective in Green Synthesis & Clinical Research – A Step Forward at Maharaja Agrasen School of Pharmacy, Maharaja Agrasen University, Baddi, H.P
- Delivered a talk on Online Short-Term Training Programme on Drug Store Management organized by Maharaja Agrasen School of Pharmacy, Maharaja Agrasen University, Baddi, H.P
- Delivered an Invited Talk in Faculty Development Programme on Innovation and New Paradigm in Herbal Drug Research at Chitkara University, Baddi
- Delivered an Invited Talk in Faculty Development organized by Maharana Pratap College of Pharmacy, Kanpur during 6 to 10 September 2021

Dr. Sheetal Kalra

Awards

- Awarded Certificate of Appreciation for Significant Contribution in Physiotherapy by Indian Association of Physiotherpy (IAP) ON March 10 2022 at National sports Club of India, Delhi
- Awarded Custodians of Humanity Award for dedicated work in war against Covid 19 by IGHM on 20th June 2021.

Achievements/Recognitions

- Participated as panelist in Panel discussion on Telerehabilitation: Does it address the gap in sports injuries? On 8th August 2021 organized by Indian Association of Physiotherapists (IAP).
- Participated as Scientific Committee coordinator in Mathura Physiotherapy Conference (Physio NEXGEN) on 11th July 2021.
- Chaired session in National Web conference on delivery of Tele-therapy services organized by Rehabilitation council of India(RCI) on 8th and 9th September 2021
- Participated as moderator in webinar on "Kinesiotaping in treatment and prevention of Sports Injuries" organized by Indian Association of Physiotherapists on 18th September 2021.
- Participated as scientific committee coordinator (Professional category paper presentation) in SPORTS CONNECT-4 organized in Jalandhar Punjab on **10th and 11th December 2021 .**
- Member Organizing committee for celebration of International Women's Day by Indian Association of Physiotherapy Women Cell (Joint Haryana and Delhi Committee) as Joint Coordinator IAPWC Haryana team.
- Organizing committee member for a workshop on Therabands in Physiotherapy organized by Indian Association of Physiotherapy Women Cell Haryana as Joint Coordinator on 30th May 2022.

Prof. Richa Hirendra Rai

Achievements/Recognitions

- Invited as a member of the Scientific Review Committee for SIPCON 2022: 6th Annual Conference in Chennai from 29th April 2022- 1st May 2022
- Chaired the Plenary session of International Conference of National Education Policy-Transformational Reforms in Higher Education: Making a Global Impact on 17–18th Dec 2021 organised by DPSRU & Lloyd Institute of Management and Technology

Dr. Jaseela Majeed

Achievements/Recognitions

- Technical support in research projects and extension activities related to Child guidance and Counselling, **National Institute of Public Cooperation and Child**

Development, MWCD, GOI, **18 September 2021**, Bengaluru

- Research team Member for the success of 'Praan Vaayu Project' to provide Oxygen Concentrators for home care of COVID-19 patients during second wave of pandemic, **Distress Management Collective India**, **April-May 2021**, New Delhi
- Coordinator for signing of **Memorandum of Understanding (MoU)** of Delhi Pharmaceutical Sciences and Research University with National Centre for Disease Control (NCDC), MHFW, GOI, **24 February 2022**, New Delhi
- Nominated as a member and Women Representative of the Selection Committee for the positions of Research Associate-I in **National Dope Testing Laboratory** by Ministry of Youth Affairs & Sports, GOI, **28 April 2022**, New Delhi

Dr. Saurabh Dahiya

Achievements/ Recognitions

- Chair- Person Scientific lecture session at **4th Indo Swiss Virtual International Conference** on Current Scenario and Challenges in Pharmacy Practice & Pharmaceutical Sciences organized at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada, Krishna, Andhra Pradesh in the commemoration of World Hypertension Day 2022 during **20th to 21st May, 2022.**
- Invited Talk on **Designing Education System in India with New Education Policy 2020** at Shree Ram Murti Samarak College of Engineering and Technology (Pharmacy), Bareilly, U.P. on **23rd April, 2022.**
- Invited Speaker at **Indian Pharmaceutical Association Delhi State Branch-SRMS MoU ceremony** to deliver a talk on Career Avenues in Pharmacy: How to stand out in a competitive environment at Shree Ram Murti Samarak College of Engineering and Technology (Pharmacy), Bareilly, U.P. on **26th February, 2022.**
- Chair, Scientific Oral Session during **Indo-Caribbean Virtual International Symposium** organized by APP Hyderabad and Trichy in commemoration of International Day of Women & Girls in Science on **12th February, 2022.**
- Resource Person at **15th APP Indo-US virtual conference** organized at Arihant School of Pharmacy and Bioresearch, Gandhinagar, Gujarat on the theme Global Advances in Pharmaceutical and Allied Science on the occasion of World AIDS Day during **1st to 2nd December, 2021.**
- Eminent Speaker at Maharaja Agrasen University, District Solan, Himachal Pradesh in four weeks online **Short-Term Training Programme** on Drug Store Management from **26th July to 20th August, 2021.**

Dr. Bharti Mangla

Awards

- Awarded on 'National Science Day' in Jamia Hamdard, New Delhi for publishing review article in peer-reviewed international journal with more than 5 impact factor, February 2022.

Achievements/Recognition

- Selected as Chief Coordinator in the student Code of Conduct awareness program on Personal Impact at DPSRU, New Delhi in May 2022.
- Selected as coordinator on the occasion of International Women's Day in DPSRU, New Delhi, March, 2022.

Dr. Foziyah Zakir

Awards

- "Young Researcher Award" by Institute of Scholars, May 2021
- Awarded with "Notable Research Award" during 1st Research Promotion Award Ceremony, DPSRU, April 2022 for publication in peer-reviewed international journal with impact factor above 3.

Dr. Sapna Dhiman

Awards

- 1st position for Scientific Paper presentation in Professional category at International Physiotherapy E-Conference "Evolving Physiotherapy Practices on 30–31 July, 2021 organized by Faculty of Physiotherapy, SGT university.

Achievements/Recognitions

- Contributed as Reviewer for Scientific Paper Selection Process during the Sixth Annual Conference of Society of Indian Physiotherapists on January 2022.
- Special guest at Banarsidas Chandiwala Institute of Physiotherapy on 24th & 25th July, 2021 in the e-conference on "Paradigm Shift in Care of CP Children".
- Invited as Resource Person at Institute of Health & Allied Sciences on World Cerebral Palsy Day- 5th October 2021- "Postural Control in Children with Cerebral Palsy"
- Resource person at Cross Disability Early Intervention Centre, National Institute for the Empowerment of Person with Visual Disabilities, Dehradun on 15th September 2021 "Cerebral Palsy: Overcoming Limitations through Physical Rehabilitation"
- Invited speaker at 2nd International Web Physio Summit 2021 on 11th and 12th September 2021 with Theme: Recent Advancements in Physical Therapy and Rehabilitation during COVID- "Facilitation of Trunk Control in Children with Spastic Cerebral Palsy".
- Resource Person at Banarsidas Chandiwala Institute of Physiotherapy on 6th September 2021 as part of World Physiotherapy Week Celebration- "Effects of Long COVID on Pediatric Population".
- Resource Person at Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disabilities (CRC)- Lucknow on 24th August, 2021 -"Exercises to Improve Trunk Control in Children with Cerebral Palsy- A Motor Control Perspective"

Dr. Parul Sharma

Achievements/Recognitions

- Invited as "Guest Speaker" in Amity institute of physiotherapy on " Role of iontophoresis in physiotherapy" through virtual mode, 12th march 2021, Noida
- Invited as "Guest Speaker" in Amity institute of physiotherapy on "Role of iontophoresis in physiotherapy" through virtual mode for BPT Students, 12th march 2021, Noida.
- Awarded as "Young Achievers Award" in 4th International Physiotherapy Conference, 16th & 17th, April, 2022, Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur
- Organized as an "Organizing committee member" of National Science Day in Delhi Pharmaceutical Sciences & Research University, New Delhi on 28th February, 2022
- Organized as an "Event Coordinator" of Earth Day Campaign in Delhi Pharmaceutical Sciences & Research University, New Delhi on 22th April, 2022
- Organized as an "Organizing Committee Member" in 1st Research Promotion Award Ceremony, Delhi Pharmaceutical Sciences & Research University, New Delhi, held on 5th April, 2022
- Organized as an "Organizing Committee member" of 1- week certificate program on "Personality Development" from 23.05.2022 to 27.05.2022, School of Physiotherapy, Delhi Pharmaceutical Sciences & Research University, New Delhi


समारोह-2021


Rotary
SERVE TO CHANGE LIVES
GRADUATION CERTIFICATE
Rtn. Harvinder Pupli
Club President 2021 - 22
Rotary Club of Delhi Central








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Pushp Vihar, New Delhi, Delhi 110017, India
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SEMINAR, CONFERENCES AND WORKSHOPS

Dr. Anoop Kumar & Dr. Devesh Tewari

World Heart Day - Health Drive-Free Cardiac Health Checkup Camp and Health Talk

It's well said that "Your Life Will Keep on Beating Until Your Healthy Heart Keeps on Beating". Cardiovascular diseases being one of the leading causes of morbidity and mortality worldwide, fortunately it is modifiable through lifestyle changes. To Keep your heart healthy and efficient all it takes to start exercise few minutes a day, that can transform your health, body and mind and so on walking is probably the best form of exercise in the world. We get real benefitted by walking in the way it improves immune function, reduces stress and hence prevents risks associated with the cardiac diseases and provides longevity. In this context, a Healthy Heart Campaign was organised by Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi and Society for promotion and Research of Cardiovascular Sciences SPARCS), on the occasion of World Heart Day (29th September 2021) in collaboration with Apollo Hospitals and Rotary Club of Delhi Central.

ORGANIZATION OF THE FOURTH ANNUAL NATIONAL CONFERENCE OF SAAE-INDIA (4AC-SAAE-I) and POST-CONFERENCE WORKSHOPS AT DPSRU FROM 11TH DECEMBER 2021 TO 17TH DECEMBER 2021.

The Fourth Annual National Conference of SAAE-India (4AC-SAAE-I) was organized in association with the Delhi Pharmaceutical Sciences and Research University, New Delhi on 11th and 12th December 2021. The Society for Alternatives to Animal Experiments (SAAE) – India is a registered society with the mandate to popularize the alternatives to the animal experiments in education and research. The 4AC-SAAE-I was organized in the blended mode. The resource persons for this conference included speakers from seven countries including USA, UK, France, Belgium, Norway and India. The inauguration ceremony was organized at the DPSRU boardroom. This ceremony was presided over by Dr. Y. K. Gupta, President SAAE-I under the patronage of Dr. R. K. Goyal, Honourable Vice-Chancellor, DPSRU. Dr. S. Raisuddin, Vice President, SAAE-I, from Jamia Hamdard and Dr. Ankita Pandey, Science Policy Advisor from PETA India were guests of honour. Dr. M. A. Akbarsha, General Secretary of SAAE-I coordinated the conference events.

The conference was attended by the 1400 delegates from all the corners of the world. Dr. R. K. Goyal enlightened the audience about the role of experimental animal-based research in the drug discovery and emphasized upon the rationalization of the use of alternatives in research. Dr. Thomas Hartung and Dr. Lena Smirnova, Professors from Johns Hopkins Bloomeberg School of Public Health, USA detailed about the cell culture assays and the role 3D cell culture in neuropharmacology. Dr. Adrian Smith, Professor and Secretary, Norecopa, Norway emphasized the necessity of experimental design in Pharmacological research. Dr. Francois Busquet from Altertox, Belgium presented the global regulatory status of alternatives-based guidelines. The representatives of two Japanese firms. J-Tec Company Ltd. and Kao Corporation, Japan provided the updates on frontier level tissue engineering technology-based products and their applications in the regulatory toxicity testing. Dr. Christian Pellevoisin, Scientific Director, L'Oreal Episkin, France elaborated on the tissue engineering technologies and their applications in drug discovery and research. He generously arranged for a grant of 1000 Euros as award for the winners of oral and poster presentations. Other resource persons involved Dr. A. B. Pant, CSIR, Dr. P.V.

Mohanan SCIMST Trivandrum, Dr. Jayasujatha Vethamanickam Unilever, UK and Dr Rakesh Singh, NIPER-Raybareily.

The post conference online workshops were conducted by Dr. Amir Nazir, CSIR-CDRI, Lucknow, Dr. Albert Li, AP Sciences Inc, USA, Dr. Christian Pellevoisin and Dr. Suhel Parvez, Jamia Hamdard. More than 300 participants were benefited from these workshops on the topics of Integrated Discrete Organ Co-culture system (IdMOCs), *C. elegans, Drosophila melanogaster,* and 3D skin culture models as alternatives to experimental animals.

The conference was concluded on 12th Dec. 2021 with congratulatory remarks by Dr. R. K. Goyal, Honourable VC, DPSRU and Dr. Y. K. Gupta, President, SAAE-I.

The organizing committee of 4AC SAAE-I included Prof. C. R. Patil, Dr. Sachin Kumar, Dr. Anoop Kumar, Dr. Prabodh Sharma along with other professors from the Pharmacology and Biotechnology department of DPSRU.

ALL THE EXPERT TALKS OF THIS CONFERENCE ARE AVAILABLE ONLINE AT meetsaaeindia.in





Workshop on Evolving Market Dynamics in Healthcare Industry in India

The university organised a two days workshop under Industry-Academia collaboration with Cognitrex consultants Pvt. Ltd and DSIR-DPSRU-CRTDH Centre to identify new opportunities arising through the impact of Covid-19 pandemic in the Healthcare industry. Over 500 students and 50 faculties participated in the event. The major changes happening in India Pharma Industry include Revolution, Evolution and Digitalization which were discussed in the workshop entitled "Evolving Market Dynamics in Healthcare Industry in India" on 11th & 12th February, 2022. The speakers of the workshop included Mr. Manas Ranjan Rout, Founder & CEO, Cognitrex Consultations Pvt. Ltd; Mr. Amit Mishra, Senior Principal-Life sciences, Accenture; Mr. Prashant Mohanty, Director & CEO-India Business, Viveo Health; Mr. Brijesh Singh, Head-Commercial Operations-India Business, Esai Pharmaceuticals; Dr. Satchidananda Ray, Vice president & Head Healthcare Strategy, BC Jindal Group; Mr. Thambu Raj Anthuvan Vice President – Sales & Marketing, USV Private Limited and Mr. Saumil Mody, Country Head – Novartis Oncology India, Novartis India. Over 500 students and 50 faculties participated in the event.

4th Janaushadhi Diwas 2022 on the 4th of March 2022

The university, along with the Pharmaceuticals and Medical Devices Bureau of India (PMBI), organized the 4th Janaushadhi Diwas 2022 on the 4th of March 2022. Mr. J. P. Mishra, Deputy General Manager (Procurement & Quality division of PMBI), introduced the scheme of Janaushadhi to the students of D Pharm, B Pharm, and M Pharm (Hospital Pharmacy). More than 200 students attended the program. Mr. Kundan Kumar Singh, Deputy General Manager (Sales & Logistics Quality division of PMBI) also interacted with students of D Pharm and responded to the queries raised by the students regarding the Janaushadhi program.

DPSRU Organized Workshop on Basics Of Raman Spectroscopy And Its Pharmaceutical Application

Delhi Pharmaceutical Sciences and Research





University (DPSRU) organized one day workshop on "Basics of Raman spectroscopy and its pharmaceutical application" on 25th March 2022 under DSIR-DPSRU-CRTDH Center of Advanced formulation & Technology. The expert speaker of the workshop was Mr. Shantanu from Reinshaw Ltd. and Dr. Anoop Aggarwal from Reinshaw Ltd. also attended the workshop. The workshop began with expert lecture by Dr. Shantanu Aggarwal in which he detailed about the "Basic of Raman spectroscopy and it's Pharmaceutical Application". Some of the highlights of lecture was basic introduction of technique and how it allows an easy interpretation and structural identification of trace amounts of chemicals based on their unique vibrational characteristics (fingerprints). He explained that Raman scattering or the Raman effect is the inelastic scattering of photons by matter, meaning that there is both an exchange of energy and a change in the light's direction. Raman spectroscopy works by focusing monochromatic light from a laser onto a sample and detecting the scattered light. Most scattered light is at the same frequency as the excitation source and does not offer helpful information, this is known as either Rayleigh or elastic scattering. Raman analysis can provide key information easily and quickly. It can be used to rapidly characterize the chemical composition and structure of a sample, whether solid, liquid, gas, gel, slurry or powder with the continuous technical improvement in Raman spectroscopy, an advanced development of the device. The lecture ended with application of Raman Spectroscopy in pharmacy with many examples of how analysis of tablets, polymers etc can be performed. The questionnaire round was conducted by Prof. Deepti Pandita. The workshop was very informative and helpful for research scholars of DPSRU. The whole event ended with the Vote of Thanks and National Anthem. The workshop was organized by Prof. Geeta Aggarwal, Prof. Deepti Pnadita and Dr. Gaurav Jain, CAFT Co-ordinators. Dr. Anshul moderated the workshop. More than 50 students and faculty members including Dr. Kalicharan, Dr. Sharmistha, Dr. Bharti, research scholars along with University M.Pharm students attended the workshop.

Technical Workshop on "peptide workflow and plasmid purification"

Department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences & Research University, New Delhi organized a one-day Technical Workshop on "peptide workflow and plasmid purification" followed by Hand's on training on flash chromatography instrument held during April 22, 2022 at Department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences & Research University, New Delhi. Prof. Rajiv K Tonk (Dean student welfare) welcomed the respective resource person from the Biotage India Pvt. Ltd. and other faculty members from the University. Speaking on the occasion Dr. Tonk said," With the knowledge, there is a strong need of new learning, relearning to aware the new generation students with the new technology and new synthetic approaches available in this medical world. The resource person from Biotage India Pvt. Ltd Dr. Jayati Banerjee (Team Lead-Peptide work flow), Mr. Gaurav Gupta (Service Manager North-east India), Anish Kumar (Service Manager) and Rohan Kumar (Sales Manager-North east India) were welcomed and felicitated by Prof. Rajiv K Tonk (Dean student welfare), Prof. Geeta

Agrawal, (Dean Academics) and Dr. Prabodh Chander Sharma (Event Coordinator), Dr Kalicharan Sharma (Event Coordinator) respectively.

"INTERNATIONAL SYMPOSIUM ON SAFETY ASSESSMENT UNDER MATERIOVIGILANCE AND PHARMACOVIGILANCE PROGRAMS".

The symposium was organized by Delhi Pharmaceutical Sciences and Research University, New Delhi, INDIA in collaboration with Indian Pharmacopoeial Commission, Ghaziabad, INDIA; UCSI University, Kuala Lumpur, MALAYSIA and University of Valladolid, Spain. The symposium was conducted in hybrid mode on 20th May, 2022 at 1100 Hrs IST.

The international symposium included over 15 invited speakers, 6 chairpersons and 150 delegates from India, Spain and Malaysia. The symposium received overwhelming participation from premiere organizations of the country such as DPSRU (New Delhi), MAMC (New Delhi), Jamia Hamdard (New Delhi), KMC (Manipal), ICMR-NICED (Kolkata), VCSG Medical College (Gharwal), BIT(Mesra), NIPER (Rae Bareilly), KIET Institute (Ghaziabad), RCPIPER (Shirpur), Dr. A.P.J. Abdul Kalam University (Indore) etc. The Guests of Honor for the symposium were Dr. P.K.Malik, Medical Director, Ambedkar Nagar Hospital, New Delhi; Dr. Shridhar Dwivedi, Senior Cardiologist, National Heart Institute, New Delhi and Dr. Rajeev S Raghuvanshi, Director, IPC, Ghaziabad. The international chairpersons included Prof (Dr) R.K.Goyal, Hon'ble VC, DPSRU; Dr. Mogana S Rajagopal, Dean, UCSI University, Malaysia; Dr. Girish K Srivastava, Senior Scientist, Valladolid University, Spain; Dr. Shridhar Dwivedi, Senior Cardiologist, National Heart Institute, India; Dr. Arun Agarwal, Medical Advisor, Apollo Group of Hospitals, India and Dr. Sumit Sural, Director Professor, MAMC & Lok Nayak Hospital, India.

The scientific program of the international symposium were titled: Session I- Scope of materiovigilance & pharmacovigilance programs; Session II- Emerging cases of ocular toxicities from materiovigilance and pharmacovigilance programs and DPSRU-IPC case studies from materiovigilance and pharmacovigilance programs. The overview of the Materiovigilance Program of Govt. of India was presented by Dr.V. Kalaiselvan, Senior Scientist, IPC and the Industry perspective was presented by Dr. Vivek Ahuja, Global Head, Sun Pharma. Dr. Girish Srivastava, Senior Scientist, Valladolid University, Spain; Dr. J.C.Pastor, Senior Ophthalmologist, Valladolid University, Spain and Dr. Rohit Saxena, Professor of Ophthalmology, AIIMS, New Delhi presented various aspects of ocular toxicities due to medical devices and antitubercular drugs. The ongoing collaborative research on materiovigilance and pharmacovigilance, data and case studies from recent publications were presented by Dr. Rajani Mathur, Assistant Professor, DPSRU; Dr. Anoop Kr., Assistant Professor, DPSRU and post-graduates of DPSRU (Aisha Goyal, Yash Kumar, G Aishwarya, Ashish Kr, Neha Chand, Faiza Javed).

The symposium concluded with the recommendations that DPSRU should initiate Centre for Materiovigilance, with courses under the centre.

Workshop on Bright Field and Fluorescent Imaging by Celena-S:Digital Imaging System

The Department of Pharmaceutics, School of Pharmaceutical Sciences, DPSRU in collaboration with Biogenuix Medsystems Pvt. Ltd has organized a "Workshop on Bright Field and Fluorescent Imaging by Celena-S:Digital Imaging System" to provide training to the students and staff on fluorescent imaging. This workshop aimed to provide demonstration on using the equipment and Celena-S Digital Imaging system. The program was organized on dated 23rd May 2022 at 3:00 pm. At Lab no. 208, Dept. of Pharmaceutics, SPS, DPSRU. The demonstration was presented by Mr. Abhishek Pandey and his team.

The objective of the programme was to provide demonstration on installation and training on fluorescent imaging and data analysis. The programme started with installation of the equipment. All the

accessories of the imaging equipment and their purpose was demonstrated. A collection of vessel holders was shown to accommodate flasks, dishes, plates, and slides that comes with the instrument.

- The training started with placing the 'ready to use' slide on stage
- The diaphragm and phase annuli slider were adjusted as needed.
- Objective lens was selected. It has three objectives 4X,40X and 10X and a provision for fourth one.
- The filter cube was selected from GFP, RFP and DAPI.
- Start in Capture mode and then Live Mode
- The sample was focused on full dynamic range.
- The software was user-friendly. All the applications like image capture, analysis, live cell imaging, Z-stack imaging, and automated cell counting was demonstrated by the expert.

The following useful applications of instrument were demonstrated:

- **Multicolor fuorescence and brightfield imaging** was demonstrated using Capture, overlay, edit, and save multichannel fluorescence images with the simple user interface.
- **Onboard data analysis** was demonstrated: How to choose from a variety of measurement and annotation tools to analyze the images immediately upon capture. The data and annotated images can be easily exported by USB.
- **Z-stack imaging** was demonstrated. The multiple images along the Z-axis were captured with the Z-stack function.
- **Automated cell count and viability analysis** was demonstrated.

The data can be saved in tile mode to capture all the three modes together and overlay to take the superimposed images. The images can be saved in monochrome or pseudochrome mode.

Overall, the training was nicely executed, and the Celena S Digital Imaging system is easy to use, benchtop, one step solution for all our imaging needs and data analysis in one system. The quality of images obtained are of publication quality. The participants were able to perform understand the imaging technique, different applications of the instrument and data analysis using Celena S Digital Imaging System.

The workshop was inaugurated by Director, SPS, Prof. Harvinder Popli, Dean Academics, Prof. Geeta Aggarwal. The event was well coordinated by Dr. Madhu Gupta as Coordinator and Dr Sushma Talegaonkar & Dr Minakshi Garg as Co-Coordinators and Dr Amanpreet Kaur and Dr. Sumit Sharma as team members. Almost more than 20 participants were present there. All the participants enthusiastically took part in the questionaire session.. At last Dr. Madhu Gupta expressed her gratitude and says thanks to Dr. Abhishek and his team for their valuable time and for this wonderful workshop. The webinar was overall the successful event with the guidance and support of the faculty's members and students. At last, the report was prepared by Dr Amanpreet Kaur, Assistant Professor, SPS, DPSRU.





NEWS AND MEDIA COVERAGE

Mr. Sengupta, Ms. Yogita Ahuja & Ms. Pritha Sarkar

This year, Delhi Pharmaceutical Sciences and Research University received constant applause from the online and offline media houses, for university's activities conducted for the welfare of students, teaching community and society as a whole.

Expert talks, FDPs, Conferences, Seminars, Workshops, and IT Initiatives were covered in various newspapers (print media), TV channels (electronic media), and social media handles (Twitter, Instagram and Facebook).

Be it DPSRU's yoga initiative, Faculty Development Programme, Installation of Digital Priniting Kiosk, Community Service Programmes, or any constructive venture, due coverage and wider publicity was made, leading to elevated interest from internal and external stakeholders such as prospective students, alumni, recruiters, etc.

Milestones Achieved in media initiatives

- Honourable VC, Professor Ramesh K. Goyal invited as Guest Speaker to DD Urdu Live Telecast Hello Doctor: Our VC, Prof. Ramesh K. Goyal spoke about the journey of medical science in the last 75 years of independence. The programme involved taking live questions from the viewers in parallel with the panel discussion.
- Inauguration of DPSRU Centre for Meditation and Yoga Sciences (CMYS): The CMYS initiative of the Delhi Government has brought yoga literally to the doorstep of the common man. In a study conducted by DPSRU on the impact of yoga on Covid patients in home isolation, 92% of the respondents said that they benefitted by practising yoga.
- Interaction through social media handles of DPSRU: This year, official social media handles of DPSRU were developed. Using these online platforms, DPSRU now reaches out to industry, alumni, prospective students, and other important stakeholders, informing them about the latest events.

Media Coverage of DPSRU in the Academic year 2021-22 in the print, electronic and online media

The Honourable Vice Chancellor, DPSRU Interacts with the Electronic Media

Name of the Media Channel	Name of the Programme	Date of Telecast
DD Urdu	Hello Doctor	May 19, 2022
Indian Observer Post	Golden Signatures	March 2, 2022
DD Urdu	Apna Mulk Apna Aaeen Part 2	Feb 11, 2022
DD Urdu	Apna Mulk Apna Aaeen Part 1	Feb 05, 2022

Print Media Coverage of the DPSR University

Newspaper/ Media House in which Article was Published	News Covered	Published On (Date)
APTI Bulletin	Virtual Lab Tour – Accuprec	June 19, 2021
Times of India, NBT, Hindustan Times, APTI Bulletin	Inauguration of Yoga Centre	June 21, 2021
Times of India, Pharmabiz	Faculty Development Programme	June 23, 2021
Times of India, Pharma Pulse	Opening of Community Health Center	July 2, 2021
Times of India, APTI Bulletin, Pharma Pulse,	MoU with Rotary Club, Delhi	July 15, 2021
Pharma Pulse	Ms. S. Talegaokar Awarded with APJ Abdul Kalam Teachers Excellence Award	
Times of India, Financial Express	MoU with All India Institute of Ayurveda	July 24, 2021
Times of India	News on Coroquil	July 28, 2021
Pharma Pulse	Webinar on Mass Spectrometry	August 1, 2021
Times of India, Financial Express	Inauguration of Pediatric Physiotherapy Unit	August 1, 2021
Pharma Pulse	Teacher's Day Celebration	September 12, 2021
Times of India	MoU with Translational Health Science & Technology Institute	September 13, 2021
Times of India, Pharmabiz, Double Helical, Pharma Pulse	Healthy Heart Campaign – World Heart Day & Vaccination Drive	October 1, 2021
Times of India	MoU with Aruna Asif Ali Government Hospital	October 22, 2021
Pharma Pulse	60th National Pharmacy Week	November 28, 2021
APTI Bulletin	Celebration on "100 Years of Insuline Discovery"	Sep – Dec 2021
Times of India	Course Commencement on Artificial Intelligence	February 14, 2022
Times of India	DPSRU Collaboration with NCDC and IPC	February 26, 2022
Times of India	World Tuberculosis Day	March 25, 2022
Times of India, Pharma Pulse	JRML Award to Honourable Vice Chancellor	April 1, 2022
Times of India, Pharma Pulse	Research Promotions Awards	April 13, 2022
Times of India	Inauguration of Digital Printing Kiosk	April 20, 2022
Times of India	Inauguration of GPAT Club	April 20, 2022
Times of India	Double Helical Award to Honourable Vice Chancellor	May 6, 2022
Times of India, Dainik Bhaskar, The Hindu, NBT	Initiation of New Courses for academic year 2022-2023	May 9, 2022
Pharma Pulse	MoU of DPSRU with NIB	May 24, 2022
Times of India	DPSRU University Students top in GPAT Consequently	May 24, 2022

As On Date: May 24, 2022

Yoga teachers to be just a missed call away: Sisodia

Govt looks to take yoga to doorsteps, offers residents free classes, teachers

DPSRU organises 1st Research Promotion Award

TOI Online | Apr 13, 2022, 14.00 IST



NEW DELHI: Prof. Sharad Wakode, Dr Sushama Talegaonkar and Prof. Deepti Pandita were conferred the Distinguished Research Awards, instituted by the Delhi Pharmaceutical Sciences and Research University. The other award categories conferred were Notable Research Award, Distinguished Research Award, Outstanding Research Award, and Research Innovation Award.

Research Innovation Award was felicitated to Dr. Meenakshi K. Chauhan. Notable Research Awards were awarded to Prof. Ramesh K Goyal, Prof Wakode, Prof. Rajiv K. Tonk, Prof. Geeta Aggarwal, Prof Deepti Pandita, Dr. Meenakshi Chauhan, Dr.

City pharma varsity's ayurvedic Covid drug awaits Ayush nod

NIB and DPSRU set to start Certificate course on QA of Biopharmaceuticals and signed MOU to promote academic and Research activities



New initiatives for students at DPSRU: Aiming to give strength to students' wings



DPSRU is facilitating its students with new avenues and technologies. One such initiative is taken by the Pharmacy and Allied Health Sciences and Management University by forming GPAT Club, a platform to motivate and guide the undergraduate students for the preparation of GPAT under the leadership of VC Prof R.K. Goyal.

This is an affordable initiative in which all the students can participate for better guidance for the upcoming Graduate Pharmacy Aptitude Test (GPAT) exams.

The activity was kickstarted with an interactive session by Dr. Gaurav Jain, Associate Professor, Department of Pharmaceutics, and Prof. Rajiv K. Tonk, Dean - Student Welfare. In this event, tremendous response was received B. Pharm 4th and 6th Semester students.

जनवरी से दिल्लीवालों के लिए मुफ्त योग क्लासेज

400 प्रशिक्षित शिक्षकों के साथ तैयार है दिल्ली की योगशाला



दिल्ली की योगशाला के लिए योग शिक्षक तैयार कर रही है DPSRU : डिप्टी सीएम

दीक्षांत समारोह में 500+ स्टूडेंट्स को मिली डिग्री, पहुंचे सिसोदिया



DPSRU commences course on Artificial Intelligence



4TH CONVOCATION

Prof. Geeta Aggarwal & Dr. Surajpal Verma

DPSR University hosted its IVth Convocation Ceremony on Wednesday, December 22, 2021. Dr. V.G. Somani, Drugs Controller General of India (DCGI), graced the ceremony as the Chief Guest, while Shri Manish Sisodia, Deputy Chief Minister of Delhi attended the ceremony as Guest of Honour. Also in attendance were Shri Ajay Dutt, member of sixth Legislative Assembly of Delhi; Prof. S. Chooramani Gopal, President National Academy of Medical Sciences; Ms. Alice Vaz R, Secretary, TTE; apart from Board of Governors, Honorable Vice Chancellor, Registrar, Dean, faculty members and graduating students. The convocation was also virtually live on You tube and attended by many students and parents from all over the country.

Total 185 D. Pharm., 131 B. Pharm., 40 BPT, 36 BSc. (Sports Science), 101 M. Pharm., 09 MBA in Pharmaceutical Management, 08 MPH and 06 MHM students were deemed eligible to receive their 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 university song followed by Invocation and lamp lighting by the dignitaries. The dignitaries on dais were felicitated and the Convocation was subsequently declared open by Dr Shridhar Dwivedi, Hon'ble Chairman, BoG on behalf of the Chancellor. Dean Academics, Dr. Geeta Aggarwal read the Grace and presented the students to honorable Vice Chancellor to admit them for the Degree and diploma.

Guest of Honour Dy. CM Shri Manish Sisodia congratulated the graduating students, and the University said, "This is an important day for the university, as well as students, as this marks the hard work done by the students, faculty, Deans and Vice-Chancellor. This opportunity comes to university, but for students it is once in a lifetime. I am sure the students would utilize the knowledge, skills and attitude acquired from the university to fulfill their dreams, their family's dreams and our country's dreams. He also praised university's efforts for its continued research endeavors during these unprecedented pandemic times. He also appreciated the university's support for realizing the Vision of Chief Minister of Delhi, Shri Arvind Kejriwal helping reach yoga to each doorstep of Delhi.

The function continued with the welcome speech and presentation of recent major accomplishments of university by the honorable Vice Chancellor, Prof. Ramesh K. Goyal. In his report, the Vice Chancellor proudly shared that DPSRU has come-up with the First herbal formulation in the world, for Covid-19, Coroquil-Zn. He highlighted about various collaborations with renowned organizations like Translational Health Science and Technology Institute, All India Institute of Ayurveda and Rotary Club of Delhi Central. He mentioned that he along with 4 other faculty members of university for being listed in world's top 2% of highly cited scientists by the University of Stanford. He also shared that university has been able to grab extramural research funding of more than Rs. 8 crores, from the agencies like, DST, ICMR and SERB. He further added that the faculty members have published more than 100 research papers, 6 books, 15 book chapters and filed 2 patents in the current year.

The Chief Guest, Dr. V.G. Somani, first congratulated graduands for crossing an important milestone of their life in education. He stated that while the COVID pandemic has posed several new challenges, it has also given an opportunity to pharma industry to reassess its role and emerge as a reliable supplier of

high — quality, affordable medicines. This has been a period of significant learning for the Indian Industry on all fronts. Pharmaceutical and allied health sciences are acting as the world's saviour in these times of global health challenge. He enlightened the audience about various initiatives taken by the Government of India (GoI) to bring together key national and international stakeholders from the government, industry, academia, investors, and researchers to discuss and strategize priorities to foster a thriving innovation ecosystem in the pharmaceuticals industry in India through various ministries like the Department of Biotechnology, Dept. of Science and Technology, Dept of Pharma. He also appreciated the University's efforts in contributing significantly in the fight against COVID-19 by developing special masks, sanitizers and low-cost ventilators, besides public awareness programs. He also added that the University has also taken a quantum leap by establishing the Centre for Meditation & Yoga Sciences and initiating 10 new courses which will prove to be of immense help to society in the long run.

Following this, the Vice Chancellor read out the presidential address on behalf of the chancellor of the university, Shri Anil Baijal, wherein he addressed the graduands that "As you begin a new chapter in your life you stand at a momentous crossroad where you will realize that education is alchemy and scholars the real alchemist. It is both a means and an end. As a pursuit that has the power to transform human lives and change societies, education is a means and as a never-ending process of acquiring knowledge it is an end."

Post this; the meritorious students were awarded the gold medals by Chairman, BOG and Vice-Chancellor. Ms. Garima Jha and Ms. Archana Jha received 'The Sitaram Jindal Gold Medal for obtaining the highest marks in B. Pharm and BPT respectively. 'The Vice Chancellor Award' was presented to Mr. Chettan Chandel for obtaining the number of marks in B.Sc. Sports Sciences. 'Sneh Prabha Nemi Chand Jain Award' and 'The Vijayin Alniche Gold Medal' were awarded to Ms. Shweta Mittal for obtaining the highest marks in M. Pharm. (Pharmaceutics, QA, DRA, IP and Cosmeceutics) and M. Pharm all Disciplines, respectively. Ms. Neha Chand received 'The Prof. S.K. Gupta Gold Medal' for obtaining the highest marks in M. Pharm. (Clinical Research as the specialization). Ms. Shatabdi Dey was honored with 'The B.D. Miglani Award' and 'The S. L. Nasa Hospital Pharmacy Foundation Award' for obtaining the highest marks in M. Pharm. (Specialization: Hospital Pharmacy). Ms. Arpit Gupta and Mr. Yash Sharma were bestowed with 'The Vice Chancellor Award' for obtaining the highest marks in D. Pharm. Mr. Vikas Kumar Singhal and Ms. Santoshi Sahu were presented 'Soshil Kumar Jain, Panacea Biotec Gol Medal' and 'Shri Rajesh Chand Arora Aagya Biotech Gold Medal' for obtaining highest marks in M. Pharm. Biotechnology and Pharmacology, respectively. 'Shri M.G. George Muthoot Awards were presented to Ms. Diksha Dua, Ms. Neha Dhoundiyal and Mr. Debraj Mukhopadhyay, for obtaining highest marks in MBA-PM, MHM and MPH respectively. 'The LG Trophy Award' was conferred to Ms. Isha Aggarwal in B. Pharm for overall performance in academics, extracurricular and co-curricular activities. The 'Jwalat Alniche Gold Medal' was awarded to Cerelia Nutritech Private Limited as the Start-up company of DPSRU Innovation and Incubation Foundation, for developing outstanding innovative healthcare product.

Towards the end, the Registrar proposed a vote of thanks. The Convocation was declared dissolved by Honourable Chairman, BOG, following which there was a stirring rendition of the National Anthem by all present. Eventually, the Academic Procession left the auditorium and marked the end of the convocation ceremony.

Some glimpses of Convocation ceremony

















INTERNATIONAL NETWORKING

Dr. Mahaveer Dhobi

The idea of higher education is evolving with the times, and there are more demands placed on it every day. We now live in a world of hybrid education platforms, online classes, and interactive learning, for which the COVID-19 pandemic has solidified the need. J. William Fulbright had been remarkably well-cited that "Educational exchange can turn nations into people, contributing as no other form of communication can to the humanizing of international relations". As a result, many universities are converging on one another in order to offer their students the greatest available educational possibilities and platforms. To address this need, every university is working to build an international network as many possibilities as they can. Intrigued by this, Delhi Pharmaceutical Sciences and Research University (DPSRU), the First Pharmacy University of India, has made every effort to forge positive relationships on an international scale as it advances along the road to success. Many efforts were made in the last academic session for the development of international collaboration and networking by the University.

Delhi Pharmaceutical Sciences and Research University with Delhi Pharmacological Society and DDA Biodiversity foundation jointly organized a symposium on "Status of Pharmacotherapeutics of COVID-19 after two years" on **November 12, 2021**. The occasion was marked with the presence of esteemed personalities; *Dr. Kamlendra Singh (Assistant Director, Molecular interaction Core, University of Missouri, Colimbia, USA and Associate Faculty, Department of Laboratory Medicine, Karolinska Institutet, Stockholm, Sweden)*; Prof. Sridhar Dwivedi (Senior Consultant Cardiologist, National Heart Institute & Chairman Board of Governors, DPSRU); Prof. Arun Agarwal (Former Dean, Maulana Azad Medical College); Prof. C. R. Babu (Professor Emeritus & Ex-Pro-Vice-Chancellor, University of Delhi); Dr. T. Velpandian (Professor, AIIMS, New Delhi & General Secretary, Delhi Pharmacological Society) and Prof. Ramesh K. Goyal (Vice Chancellor, DPSRU).

Dr. Kamlendra Sigh who is a leading researcher in discovery of drugs targeting viruses and cancer using computer-aided drug design, biophysical and biochemical techniques, the speaker for the day enlightened the audience with his talk on "Targeting chinks in the armor of SARS-CoV-2: where we stand after 2 years". Prof. Goyal delivered a talk on "ACE2: A target of 21st century", wherein he elaborated the role of Angiotensin Converting Enzyme-2 (ACE-2 receptors), the key target for SARS-CoV-2 virus. Prof Goyal discussed about Coroquil-Zn, the herbal formulation developed by university in association with Remedium Therapeutics Pvt. Ltd., and Jammi Pharmaceuticals Pvt. Ltd., Chennai for management of mild to moderate cases of COVID-19. The closing remarks was made by Prof. Sridhar Dwivedi and congratulated the Dr. Kamlendra Sigh about the level of expertise and knowledge in their domain areas. This international symposium had great deliberations and attended by more than 100 participants both online and offline.

Delhi Pharmaceutical Sciences and Research University organized the Fourth Annual National Conference of SAAE-India (4AC-



SAAE-I) during **December 11–12, 2021** in the blended mode. More than 1400 delegates from all over the world attended this conference, which featured speakers from seven countries, including the *USA*, *UK*, *France*, *Belgium*, *Norway*, and India.

Under the aegis of Prof. Goyal, Vice-Chancellor, Dr. Y. K. Gupta, President SAAE-I, presided over this occasion. Distinguished attendees included Dr. S. Raisuddin, Vice President of SAAE-I and Dr. Ankita Pandey, Science Policy Advisor for PETA India. The SAAE-I General Secretary, Dr. M. A. Akbarsha, coordinated the conference events. Prof. Goyal, enlightened the audience about the role of experimental animal-based research in the drug discovery and emphasized upon the rationalization of the use of alternatives in research.

Dr. Thomas Hartung and Dr. Lena Smirnova, Professors from Johns Hopkins Bloomeberg School of Public Health, USA detailed about the cell culture assays and the role 3D cell culture in neuropharmacology. *Dr. Adrian Smith, Professor and Secretary, Norecopa, Norway* emphasized the necessity of experimental design in Pharmacological research. *Dr. Francois Busquet from Altertox, Belgium* presented the global regulatory status of alternatives-based guidelines. The representatives of two Japanese firms J-Tec Company Ltd. and Kao Corporation, Japan provided the updates on frontier level tissue engineering technology-based products and their applications in the regulatory toxicity testing. *Dr. Christian Pellevoisin, Scientific Director, L'Oreal Episkin, France* elaborated on the tissue engineering technologies and their applications in drug discovery and research.

The post conference online workshops were conducted by *Dr. Albert Li, AP Sciences Inc, USA, Dr. Christian Pellevoisin* along with other scientists. More than 300 participants were benefited from these workshops on the topics of Integrated Discrete Organ Co-culture system (IdMOCs), C. elegans, Drosophila melanogaster, and 3D skin culture models as alternatives to experimental animals.





Department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences organized a Seminar on "New Psychoactive Substances: Past, Current and Future Perspectives" on May 13, 2022. *Prof. Murali Dhanasekeran, Department of Drug Discovery and Development, Auburn University, USA* delivered the lecture and interacted with students about the New Psychoactive Substances and its role in pharmaceutical industry. The event was coordinated by Dr. J Swaminathan and session was moderated by Prof. Rajiv Kumar Tonk.



On May 20, 2022, ***International Symposium*** on "Safety Assessment Under Materiovigilance and Pharmacovigilance Programs" was hosted by Delhi Pharmaceutical Sciences and Research University, in association with the Indian Pharmacopeial Commission, *UCSI University, Kuala Lumpur, Malaysia and University of Valladolid, Spain* in a hybrid manner.

The international symposium included over 15 invited speakers, 6 chairpersons and 150 delegates from India, Spain and Malaysia. The symposium received overwhelming participation from premiere organizations from country and outside the country. The international chairpersons of the program were Prof. Goyal; *Dr. Mogana S Rajagopal, Dean, UCSI University, Malaysia; Dr. Girish K Srivastava, Senior Scientist, Valladolid University, Spain*; Dr. Shridhar Dwivedi, Senior Cardiologist, National Heart Institute, India; Dr. Arun Agarwal, Medical Advisor, Apollo Group of Hospitals, India and Dr. Sumit Sural, Director Professor, MAMC & Lok Nayak Hospital, India. The scientific program of the international symposium was titled as Scope of materiovigilance & pharmacovigilance programs and Emerging cases of ocular toxicities from materiovigilance and pharmacovigilance programs and DPSRU-IPC case studies from materiovigilance and pharmacovigilance programs. Dr. Rajani Mathur and Dr. Anoop Kumar also delivered lecture in this symposium for ongoing collaborative research on materiovigilance and pharmacovigilance, data and case studies.



The University organised a one-day Faculty Development program on "***Strategies for Internationalization of DPSRU***" on May 26, 2022. The guest of honour of the program was *Prof. Pawan Singal, University of Manitoba, Canada*. Other renowned guests were Prof. N. K. Ganguly, Ex-DG, ICMR and Prof. K. K. Talwar Chairman, Cardiac Sci., PSRI, New Delhi, welcomed and felicitated by Vice-Chancellor, Prof. Goyal and Dr. O. P. Shukla, Registrar, DPSRU.

The resource person Prof. N. K. Ganguly started his discussion with the very basic idea of the concept to establish research abroad. He shared a few very important aspects to be considered while the teaching-learning process. The next resource person Prof. Pawan Singal also highlighted the importance of learning and gave ideas about domains of learning abroad. In the continuation of the discussion, Prof. K. K. Talwar briefed the participants about building research skills and emphasized the importance of collaborative multidisciplinary research which is the buzzword to conduct quality research culminating in impactful publications in top-notch scientific journals.



Collaboration With Mid Sweden University, Sweden: *Prof. (Dr) Koustuv Dalal, Professor in Public Health Sciences of Mid Sweden University, Sweden* and leading researcher in the field of health economics and systems, injury prevention and safety promotion is associated with Delhi Pharmaceutical Sciences and Research University and has been regularly conducting online guest lectures and expert talks in areas of Health economics, Epidemiology, Ethical Principles in Biomedical research, Injury prevention, health and safety promotion, other public health and preventive issues for Masters in Public Health (MPH), Masters in Hospital Administration (MHA) and MBA in Pharmaceutical Management (MBA-PM) since 2020. Prof. Dalal is a Senior Advisor of the International Safe Community Certifying Centre (formerly WHO CCCSP) and served as the Director of the Centre for Injury Prevention and Safety Promotion (CIPSP), Orebro University and the Dean (Academic

Affairs), IPHK, Ministry of Health, WB, India, Centre for Medical Technology Assessment / Linkoping University and Karolinska Institutet, Sweden. He is also distinguished professor of al-Farabi Kazakh National University, Faculty of Medicine and Health and Invited/ visiting professor of several Universities. He has developed 30 academic programs (Bachelor/ Master/PhD) in several Universities, including prestigious Karolinska Institutet, Sweden. Considering the vast experience of Prof. Dalal in the field of Public Health Sciences and contributions in research, DPSRU appointed him as Adjunct Professor of the University. To take this association further Prof. Dalal visited Delhi Pharmaceutical Sciences and Research University on December 20, 2021 and delivered an expert Lecture on Injury prevention and Safety promotion practices to students and Faculty of School of Allied Health Sciences and Management.

Further *University submitted collaborative project with Sweden under Call for proposals for Indo-Swedish research on ageing and health by ICMR and Forte titled "Elderly Health Promotion in a Lifecycle Perspective using Cohorts of Marginalized people of different Socioeconomic and Geographic strata in India (EldHelpIn)" of project grant amount of Rs. 1.5 crore*. Prof. Ramesh K Goyal as Principal Investigator from India and Prof. Koustuv Dalal as Principal Investigator from Sweden. The team members are Dr. Jaseela Majeed, Associate Professor, Dr Puneeta Ajmera, Associate Professor and Dr Sheetal Kalra, Associate Professor, along with faculty from other prestigious Universities of India.

Prof. Dalal is experienced as chief of scientific committee – International Safe School program and established School Safety Promotion Models that can be implemented in Delhi Schools and the proposals are in pipeline. Proposals for Injury and violence surveillance, capacity-building, evidence-based emergency care in Delhi is also in pipeline. DPSRU has initiated the process for signing the Memorandum of Understanding (MoU) with Mid Sweden University for Public Health Research and Health Promotion. Also proposes mutual short term training programmes for faculty and students and jointly starting academic programs of mutual interest. The University believes that this collaboration could enhance the quality of research and teaching through practical exposure to faculty and students on new perspectives and experience of public health and research and health promotion.



To further strengthen the international collaborations, Prof. Ramesh K. Goyal, visited Faculty of Pharmaceutical Sciences, UCSI University, Kuala Lumpur, Malaysia, as Distinguished Visiting Professor, during June 26, 2022 – July 1, 2022. During the visit, Prof. Goyal delivered an expert talk on "Holistic Approach in Pharmaceutical Sciences Striving for Research Excellence" in addition to a public lecture on "Product Development to Commercialization: A Target for a Pharmaceutical Sciences". The objective of the talk was to provide insight into the diversity associated with pharmaceutical sciences that calls for a "holistic approach" for getting application-based outcomes for industry, hospitals, and the community. It integrated the traditional and historical approaches to drug discovery with modern, state of the art technologies. The talk also provided strategic guidelines to the students and faculty involved in research for the discovery and development of new drugs and drug formulations from the concept of reutilization, taking it further through complex regulatory process, finally to the market level for patient use. During the talk, as case studies, Prof. Goyal described, Understanding ancient

or herbal knowledge in the modern way, and Success story of COROQUIL-Zn for COVID-19. Prof. Goyal also interacted with students and faculty there, organized a workshop and came out with strategic collaborations with two Universities to take research projects, 'Student and Faculty' exchange, and introduction of dual degree programmes. An MoU was also signed for these purposes. The MoU with UCSI University open collaborations esp. Regulatory Affairs, Novel Formulation Development, Pharmaceutical Chemistry and Molecular Pharmacology. A two-day International Research Conference on Pharmaceutical and Allied Sciences (IRCPAS 2.0) on the theme "21st Century Frontiers: Paradigm Shift" in Research and Innovation has also been planned, with UCSI University and DPSRU as co-hosts from 10th February to 12th February 2023 at Grand Ball Room at the UCSI University. Both the University have mutually proposed for Faculty and Students Exchange program and writing international research projects in NIH, UKERI or Welcome Trust, Bill Gate Foundation etc.

A collaborative project ongoing entitled "Improving administration of medicine to children globally through a multi-country collaboration approach" in collaboration with UCL, London has been sanctioned by UCL Global Engagement Funds (4900 Pounds) Principal Investigators are Prof. Harvinder Popli and Dr. Sushama Talegaonkar.

UCSI University | FACULTY OF PHARMACEUTICAL SCIENCES

Congratulations

Professor Dr Ramesh K Goyal

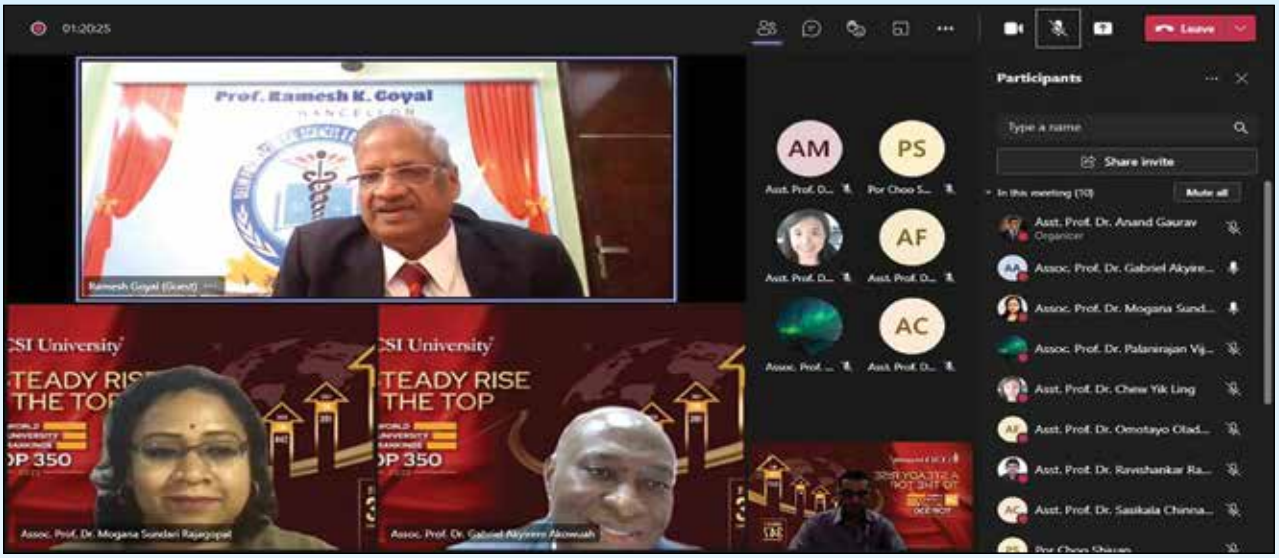
Distinguished Visiting Professor, Faculty of Pharmaceutical Sciences



For being featured in the Stanford University's list of **World's Top 2% Scientists in the disciplines of Pharmacology and Pharmacy, Cardiovascular System and Hematology, and Clinical Medicine, for two consecutive years (2020-2021).**

The list was published in the journal PLOS Biology. Prof Goyal is currently the Vice-Chancellor of Delhi Pharmaceutical Sciences and Research University, New Delhi, India. He has over 36 years of teaching and research experience particularly in cardiovascular pharmacology and diabetes.

We look forward to more international collaborations both virtual and real in the coming years. The world has so much to offer, and the exchange of students and teachers across countries can unleash the hidden potential pertaining at every corner of the globe leading to marvellous discoveries. As said by Steven Anderson, "Alone we are smart. Together we are brilliant" and DPSRU aims brilliance







P.G. AND DOCTORAL PROGRAMME

Prof. Deepti Pandita and Dr Priti Jain

DPSRU (including DIPSAR) carries a legacy of innovation and ground-breaking research. It is the first Pharmaceutical University of the country which stands to its name by providing quality education and performing excellent and outstanding research. The thrust areas of research at DPSRU include clinical research and pharmacological investigations, development of novel nano-formulations, 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 new drugs, biotechnology, physiotherapy, public health and physical education.

PG programmes: DPSRU offers 2 years PG courses including M. Pharm. (Pharmaceutical Analysis, Industrial Pharmacy, Cosmeceutics, Drug Regulatory Affairs, Pharmaceutical Biotechnology, Pharmacognosy, Quality Assurance, Hospital and clinical Pharmacy, Pharmacology, Pharmaceutics, Pharmaceutical Chemistry, Clinical Research); MBA (Pharmaceutical Management); MPH (Master of Public Health), MHM (Master of Hospital Management), M. Sc Sports Science, MBA-Healthcare & Hospital Management (MBA-HHM), M. Sc. Artificial Intelligence in Medicine, MBA-International Trade Management (MBAITM), MBA-Pharmaceutical Management, Executive M. Pharm. in Drug Regulatory Science, MPT (Paediatrics), MPT (Cardiovascular and Pulmonary).

Regulations for admission in PG courses: For M. Pharm., the merit list of candidates for admission is formed by taking 50% of weightage for marks in theory and practical together in II, III and IV yrs (or III to VIII semesters) and 50% weightage for GPAT score. Candidate seeking admission to the M. Pharm. and MBA in Pharmaceutical Management course must have passed the Bachelor of Pharmacy examination with at least 55% in the aggregate of theory and practical of II, III and IV years from Pharmacy Council of India (PCI) approved Institute / University. GPAT qualified candidates are considered for admission first. In case GPAT candidates are not available, non GPAT candidates can be considered for admission, on the basis of merit. 15% of the total seats are filled by non-Delhi candidates (including from NCR of Delhi) with valid GPAT score and completed B. Pharm. examination with 55% from PCI/ AICTE recognized University. Remaining 85% of the total seats are filled by graduates passed out from Delhi Colleges/Universities with valid GPAT score in order of preference of disciplines. Out of 85% seats of Delhi category, 70% seats will be given to DIPSAR/ DPSRU candidates and remaining 15% will be reserved for Delhi Non-DPSRU candidates from NCT of Delhi. Candidates seeking admission in Master of Hospital Management (M.H.M.) / Master of Public Health (M.P.H), must have passed B. Pharm. / M.B.B.S. / B.D.S. / B.H.M.S. / B.U.M.S. / B.A.M.S. / B.P.T. degree examination of an Indian university established by law in India from an institution approved by their respective Councils of India (PCI, MCI, DCI, AYUSH, Homoeopath, Ayurveda, Unani councils, DCPT & OT) and has scored not less than 55 % of the maximum marks. Every student, selected for admission to post graduate program in any council approved institution should have obtained registration with the State Council.

For admission to Executive M. Pharm in Drug regulatory Sciences, candidate must have B. Pharm. Degree of an Indian University established by law in India from an institution approved by PCI and has scored not less than 55% of the maximum marks (Aggregate of

II, III and IV yrs / or III to VIII semesters of B. Pharm.). The candidate must be in the service as pharmacist, preferably in the regulatory division for at least 3 years. The candidate should be sponsored by their employer and applications of the persons already in government service should be forwarded through their employers.

For admission to M.Sc. Sports Science, the candidate should have a degree with B.Sc. (Hons.) Sports Science, B.Sc. (Physical Education, Health Education & Sports), B.P.Ed., B.P.E., B.P.E.S., or sports related undergraduate program and equivalent with 55% marks in aggregate in all the semesters in examinations by universities recognized by University Grants Commission or any statutory bodies of Govt. of India.

For admission to MBA-International Trade Management, candidate should have Bachelor's Degree in Commerce / Economics / Management / Science/ Pharmacy with at least 55% aggregate marks from a recognized University. For admission to MBA-Healthcare & Hospital Management (MBAHHM), student should have M.B.B.S. / B. Sc. Nursing / BAMS / BHMS / BUMS / BDS / B. Pharm. / BPT / BBA (Healthcare) / BBA Community Healthcare / BMLT / B. Optom / BASLP Degree examination of an Indian University established by law in India from an instuon approved by their respective councils of India (MCI, NCI, AYUSH, Ayurved, Homeopath, Unani Councils, DCI, PCI, DCPT &OT RCI, and has scored not less than 55% of maximum marks. A merit list will be prepared for admission to MBA – Pharmaceutical Management (MBA-PM) / MBA- International Trade Management (MBA-ITM) / MBA-Healthcare & Hospital Management (MBA-HHM) based on graduation marks (Graduation Marks: 60%, Personal Interview: 20% and Group Discussion: 20%)

Ph.D. programme: DPSRU offers Ph.D. in Pharmacology, Pharmaceutics, Industrial Pharmacy, Drug Regulatory Affairs, Clinical Research, Pharmaceutical Chemistry, Pharmaceutical Analysis, Pharmacognosy and 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 desires to be student for Ph.D. programme in the university, must have Master's degree with at least 60% marks in Pharmaceutical Sciences or Business studies or Hospital Administration or Physiotherapy or any other allied subject. The candidate has to appear for Entrance examination for taking admission and minimum qualifying marks are 50%. After qualifying examination, an interview is organized 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 Ph.D. depends on the availability of 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 subject of specialization. After qualifying the Pre-Ph.D. course, the candidate can apply for the final registration to the Ph.D. programme with write up and presentation of the proposed research work to Doctoral Student Research Committee (DSRC). Every research scholar during Ph.D. is required to show continuous progress of work to the supervisor and submit half yearly report to the DSRC with the approval of supervisor. Further the progress of Ph.D. research work

is monitored by University Research Advisory Committees (URAC). After the completion of research work, the supervisor organizes pre-thesis seminar, to appraise about research work in front of DSRC. If DSRC satisfies with pre-thesis 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. The research scholar can submit the thesis within a maximum period of 6 months from the date of submission of 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 thesis, viva-voce examination is conducted and all the reports of examiners are placed before URAC to award the degree with the approval of Academic Council. The university has a provision to submit soft copy of 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: Currently 113 Ph.D. research scholars are pursuing their Doctoral Research Projects in the university. In the 2020–21 batch, 18 students have been registered for Ph.D. after successful completion of their Pre-PhD course. URAC of the university, constituted by Hon'ble Vice-Chancellor includes external experts i.e. Dr. Rajesh Jain (Managing Director, Panacea Biotec Ltd.) and Prof. Rao V S V Vadlamudi (President, Commonwealth Pharmacists Association & Immediate Past President, Indian Pharmaceutical Association). 4 URAC meetings have been conducted till now for the approval of progress report of doctoral students. Various guest lectures for Ph.D. and PG students were organized, which included expert talks on Research methodology, Scientific & 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. University organized one week Leadership and Personality Development Program and various trainings for the Ph.D. and PG students.

Ph.D. Project Details

Sr. No.	Name of the Ph.D. Student (2021)	Name of the Supervisor	Title of ongoing Project
1.	Aditi	Prof. Richa H. Rai	Elucidation of the Effect of Diaphragm Release Technique on Cardiorespiratory and Autonomic Parameter in Smokers of Urban and Rural areas: A Community Based Study
2.	Alishan Zia	Dr. Mukesh Nandave	Pharmacological Modulation of PTP1B Receptor for Treatment of Diabetes
3.	Amandeep Kaur	Dr. Gaurav Kumar Jain	Design and Development of Cell Membrane Mimicking Nanocarrier for the Management of Atherosclerosis
4.	Deepali Siwan	Dr. Mukesh Nandave	Targeting DYRKIA, PDXI, and FOXOI for β Pancreatic Islet Restoration in the Treatment of Diabetes
5.	Divya Sharma	Dr. Mahaveer Dhobi	Development of Phytopharmaceutical Formulation of *Acalypha indica* L For COVID-19 Related Anti-viral and Anti Inflammatory Activity

Sr. No.	Name of the Ph.D. Student (2021)	Name of the Supervisor	Title of ongoing Project
6.	Gaurav	Dr. Gaurav Kumar Jain	Development of Nano scaffolds for Hemostatic and Wound Healing Application
7.	Hemlata Vats	Prof. Richa H. Rai	Evaluation of Cardiovascular Status & Quality of Life in North Indian Subjects with Type 2 Diabetes
8.	Juhi	Prof. Deepti Pandita	Development of Novel, Safe and Effective Formulation to Protect Against Damaging Health Effect of Radiation Exposure
9.	Kamna Sharma	Prof. Sharad Wakode	Characterization, Method Development and Force Degradation of Active Pharmaceutical Ingredients and their Impurity Profiling by Using Advanced Analytical Technique
10.	Davuluri Mamatha	Prof. Deepti Pandita	Targeted Nano-mediated Delivery of Garcinol for Ovarian Cancer
11.	Maneesh Soni	Dr. Anoop Kumar	Risk and Benefit Assessment of Sodium-Glucose Co-transporter-2 Inhibitors (SGLT2i)
12.	Nahid Ansari	Dr. Abhishek Dadhich	Role of Pharmaceutical Marketing on Consumer Behavior and Perception Towards Self – Medication Practices (An Empirical Study on the Population of Delhi – NCR)
13.	Nidhi	Prof. Geeta Aggarwal	Development of Biomedical Technologies for On-Site Management of Venomous Bites and Combat Related Burn Wounds
14.	Niharika Singh	Dr. Saurabh Dahiya	Synthesis, Characterization and Biological Evaluation of Small Biomolecules as a Potent Theranostic agents for Neurodegenerative Disorders
15.	Parul Kamboj	Prof. Ramesh K. Goyal	Development of Non-Alcoholic Fatty Liver Disease (NAFLD) in Mice and Pharmacological Evaluation of Small Molecule
16.	Rajib Kumar Sah	Dr. Abhishek Dadhich	Sales Force Effectiveness Among Major Pharmaceutical Companies in Context to Prescription Drugs Promotion
17.	Shailly Gupta	Prof. Richa H. Rai	Effect of Moderate Intensity Training on Physical Fitness using Artificial Intelligence Based Exercising in Sedentary Young Adults – A Randomized Control Trial
18.	Vasudev Biswas	Prof. Ajay Sharma	Phytochemical, Pharmacological & Biotechnological Studies on Camptothecin Producing Medicinal Plants

PLACEMENT REPORT 2021-22

Prof. Deepti Pandita, Ms. Rakhi Ahuja

DPSRU Placement Cell has been incorporated for facilitating recruitment of the country's best minds by national as well as multinational corporations. The Placement Cell serves as a liaison between the companies and the students and works tirelessly to match the repute and eminence that the university is known for. The Cell has witnessed a smooth shift towards physical mode from the virtual one to provide its recruiters a hassle-free hiring experience. Placements for our students of 2021–2022 were secured from 20+ companies visiting campus while few others invited students to apply directly for open positions. Students were offered lucrative offers and roles in the areas of research, pharmacovigilance, analytics, consulting, Ed-tech, marketing, business consulting, and HRM in addition to the core pharmacist profiles. Be it the R&D giant Dr. Reddy's or consulting firms like ZS Associates, IQVIA, WNS, PharmaACE, each and every company that visited the college has been astounded by the talent we offer.

This year, we also observed offers coming in from non-technical organizations and we warmly welcomed them. The companies offered a package ranging from 3 to 12 lakhs per annum for Masters Courses, which has significantly increased from last academic year. Moreover, the number of internship and training opportunities with organizations of repute surged as well which raised the number of students getting placed to over 49 so far.

Further, placement cell could secure summer internship for 45 first year students from MBA- Pharmaceutical Management and MBA-Pharma Economics & Trade with organizations namely Cognitrex Consultants Pvt. Ltd., Corona Remedies and Remedo Health. Master in Public Health joined NHSRC and students pursuing Master in Hospital Administration joined BLK Super specialty Hospital for summer training.

This time, a comparatively higher number of students showed their interest in appearing in campus placements and landed into their dream profiles. Many M. Pharm students pursued their aspirations in research and are planning to join PhD programs in different reputed universities. In addition, this year an inordinate number of B Pharm students (70) qualified GPAT examination and will be joining M Pharm course in various institutions and universities of repute.

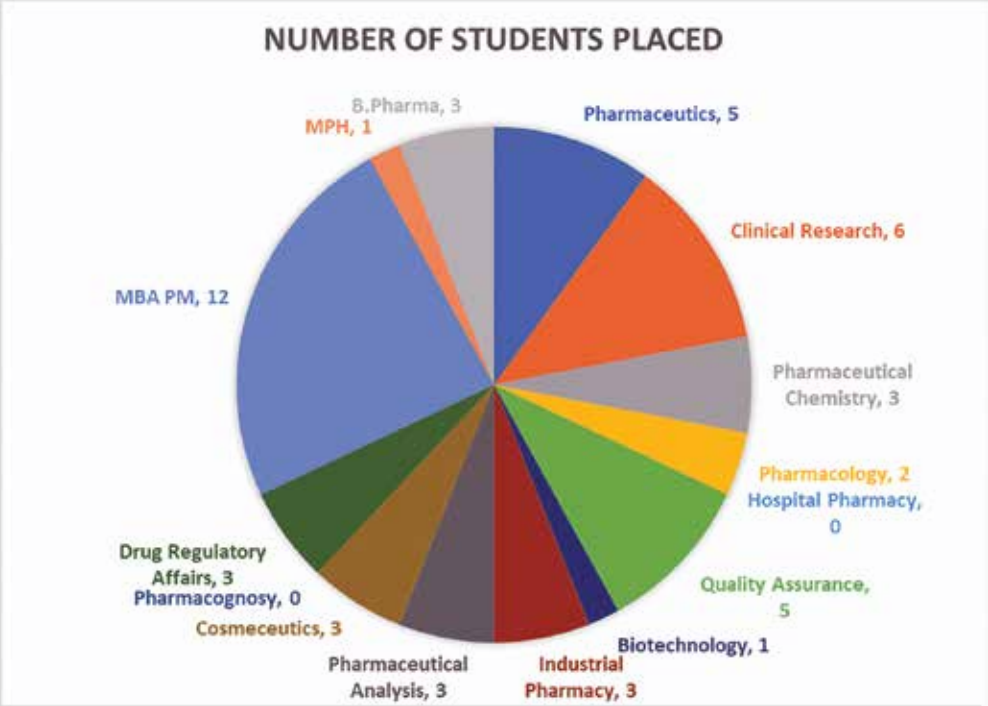
Overall, it was a successful placement season for DPSRU Placement Cell in terms of placement and internship opportunities for students and rewarding association with many renowned organizations.

Placement Details

Students Placed in Academic Year 2021–22				
Department	**S. No**	**Student Name**	**Organization**	**Designation**
Pharmaceutics	1	Disha Chatterjee	Dr Reddy's	
	2	Deepak Singh	Dr Reddy's	
	3	Shifa Mansuri	PharmaAce	Trainee Analyst
	4	Vidya Raina	ZS Associates	KMA
	5	Anu Kumari	Prescient	Trainee

Students Placed in Academic Year 2021-22				
Department	**S. No**	**Student Name**	**Organization**	**Designation**
Clinical Research	6	Faiza Javed	Course 5i	Management Trainee
	7	Nancy Gola	EBM Health	Intern
	8	Mamta Siroula	EBM Health	Intern
	9	Sandeep	WNS	Research Associate
	10	Aakaash	WNS	Research Associate
	11	Saurabh Raghuvanshi	WNS	Research Associate
Pharmaceutical Chemistry	12	Agam Sharma	Dr. Reddy's	
	13	Vishnupriya Sadhu	WNS	Trainee Analyst
Pharmacology	14	Bubhusha Kathait	Course 5i	Management Trainee
	15	Mohit	WNS	Research Associate
Quality Assurance	16	Mohammed Safdar	PharmaAce	Trainee Analyst
	17	Bilal Ahmed	WNS	Trainee Analyst
	18	Jagriti Sharma	WNS	Trainee Analyst
	19	Kiran Girdhar	IQVIA	Intern
	20	Milan Gond	WNS	Research Associate
Biotechnology	21	Sonam Malik	Course 5i	Management Trainee
Industrial Pharmacy	22	Aman Chitkara	PharmaAce	Trainee Analyst
	23	Himanshu Yadav	PharmaAce	Trainee Analyst
	24	Muskan Goyal	Clarivate	Intern
Pharmaceutical Analysis	25	Himachu Arora	PharmaAce	Trainee Analyst
	26	Ruchita Santra	ZS Associates	KMA
	27	Lj Sonali	Fresenius Kabi	Trainee in Analytical Dept
	28	Khusboo Sharma	Mankind	Research Associate
Cosmeceutics	29	Meghna Tripathi	WNS	Trainee Analyst
	30	Jasmeet Singh Minocha	Precient	Trainee
	31	Anwesha Rout	Prescient	Trainee
Drug Regulatory Affairs	32	Ajay Kumar	WNS	Trainee Analyst
	33	Gargi Arora	ZS Associates	KMA
	34	Saurav Tomar	IQVIA	Intern

Students Placed in Academic Year 2021-22				
Department	**S. No**	**Student Name**	**Organization**	**Designation**
MBA PM	35	Priya Rathore	IQVIA	Data Analyst
	36	Jaishree Sah	IQVIA	Data Analyst
	37	Shruti Dhalla	IQVIA	Data Analyst
	38	Hafsah Asif	ZS Associates	KMA
	39	Ladi Vishal	Course 5i	Management Trainee
	40	Preeti	Prescient	Trainee
	41	Purvanshe	Prescient	Trainee
	42	Pooja Rathode	AdametNext	Buisness Analyst
	43	Vinisha	WNS	Research Associate
	44	Harsh Pratap Singh	WNS	Research Associate
	45	Saloni	WNS	Research Associate
MPH	46	Amena Sherwani	IQVIA	Data Analyst
B.Pharma	47	Tanya Agrawal	Olympus Global Rsearch	Jr. Business Associate
	48	Divyani		Jr. Business Associate
	49	Gunjan		Jr. Business Associate



SCHOLARSHIP SECTION

Dr. Sahil Kumar

Scholarships available at DPSRU

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

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

GNCTD scholarships available to DPSRU students

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

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

2. **Post Matric Scholarship scheme for SC**

   Department for the Welfare of SC/ ST/OBC/Min. provides scholarship to the student belonging to SC category whose parents/ guardians income from all sources does not exceed Rs. 2.5 Lakh per annum. The scholarship includes maintenance allowance, reimbursement of non-refundable fee, etc. For further details visit official website i.e. www. scstwelfare.delhigovt.nic.in.

3. **Post Matric Scholarship for OBC**

   Department for the Welfare of SC/ST/ OBC/Min. provides scholarship to the student belonging to OBC category whose parents/ guardians income from all sources does not exceed Rs. 1.5 Lakh per annum. The scholarship includes maintenance allowance, reimbursement of non-refundable fee, etc. For further details visit official website i.e. www. scstwelfare.delhigovt.nic.in.

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

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

Central Govt. Scholarships through National Scholarship Portal

1. **Post-Matric Scholarship Schemes CS**

   Scholarship will be awarded to the students who have secured not less

than 60% marks or equivalent grade in the previous final examination and the annual income of whose parents/ guardians from all sources does not exceed Rs.3.00 lakh to Minorities [Muslims, Sikhs, Christians, Buddhists, Jain and Zoroastrians (Parsis)] students.

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

   Scholarship will be awarded to the students who have taken admission in technical/ professional courses at UG/ PG level; must have secured not less than 50% marks or equivalent grade in the previous final examination and the annual income of whose parents/ guardians from all sources does not exceed Rs.2.50 lakh.

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

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

AICTE scholarships available to DPSRU students

1. **PG-GPAT Scholarship**

   Scholarship is awarded to full time GPAT qualified students admitted to M.Pharmacy and MBA courses in AICTE approved courses of DIPSAR & SPS of DPSRU @Rs. 12,400/- PM/ student for 24 Months.

2. **Pragati Scholarship**

   Scholarship/Contingency is awarded to meritorious girls taking admission in Degree/ Diploma courses of DIPSAR & SPS of DPSRU.

3. **Saksham Scholarship**

   Scholarship/Contingency is awarded to Differently abled students taking admission in Degree/ Diploma courses of DIPSAR & SPS of DPSRU

4. **Prime Minister's Special Scholarship Scheme – PMSSS**

   AICTE offer B.Pharmacy seats to J&K and Ladakh students at DIPSAR under DPSRU and offers Rs. 100000/- as Maintenance Charges and academic fee will be paid by AICTE

5. **AICTE Doctoral Fellowship (ADF)**

   AICTE allots full time meritorious research scholars to DIPSAR under DPSRU and offers research fellowship-JRF for two years followed by SRF for three years

IPA – Ramanbhai Patel Scholarship:

Indian Pharmaceutical Association (IPA) has instituted the scholarship in the name of Late Sri Ramanbhai Patel for meritorious, deserving and financially needy B. Pharm. students who enrolled in B. Pharm. course at the University. Selected students receive Rs. 25,000/- in the first year and continue to receive Rs. 25,000/- each year till the completion of B.Pharm as per guidelines of scholars.

Scholarship Distribution Ceremony by Hon'ble Deputy Chief Minister, Delhi at Thyagraj Stadium, INA, New Delhi on 4th October, 2021

Merit-cum-Means Linked Financial Assistance Scheme is for Pursuing Higher Education in State Universities of Delhi. The objective of the Scheme is to extend financial assistance to the meritorious and needy students pursuing higher education in NCT of Delhi. Under this Scheme the Delhi Higher Education Trust through Directorate of Higher Education (DHE), GNCTD fully or partially reimburse the tuition fee paid by the students. A total of 84 students of DPSRU have been benefitted by this scheme during academic session 2020-2021. The scholarship was distributed by Hon'ble Deputy Chief Minister, Sh. Manish Sisodia during Scholarship Distribution Ceremony at Thyagraj Stadium, INA, New Delhi on 4th October, 2021. The Hon'ble Deputy

Chief Minister, Sh. Manish Sisodia ji addressed the gathering regarding Delhi Government support to continue the higher education of students even during hard time of COVID-19 situation. A total fund of Rs. 8,86,600 was allocated to DPSRU for distribution among selected students. The scholarship provided to the students will be helpful to overcome financial burden on the family. Dr. Sahil Kumar and Dr. J. Swaminathan were the faculty co-ordinators during the event. Among the selected students, Mr. Lakshya Khatri interacted with Hon'ble Deputy Chief Minister regarding benefit of the scholarship. The students of DPSRU will continue to get benefitted from the Merit-cum-Means Linked Financial Assistance Scheme for Pursuing Higher Education in future.



ACADEMIC PRIDE

Dr. Ramchander Khatri, Dr. Gaurav Jain & Dr. Tabassum Saher

GPAT Qualified Students of University - 2022



University Topper-2021



RITIKKA SRIVASTAVA
15/BPT/DIPSAR/17
BPARMA DIPSAR



ARPIT GUPTA
94/DPH/2019
D.PHARM



SANTOSHI SAHU
30/MPH/IPSAR/2019
M.PHARMA
(PHARMACOLOGY)
DIPSAR



VIKAS KUMAR SINGHAL
39/MPH/DPSRU/2019
M.PHARM
(PHARMACEUTICAL
BIOTECHNOLOGY)



GARIMA JHA
63/BPH/DPSRU/17
OVERALL AND DPSRU
BPHARMA



DIKSHA DUA
07/MBA/DPSRU/2019
MBA (PHARMACEUTICAL
MANAGEMENT) DPSRU



SHWETA MITTAL
01/MPH/DIPSAR/2019
OVERALL AND DIPSAR,
BRANCH DPSRU
M. PHARM DPSRU



SHATABDI DEY
53/MPH/DIPSAR/2019
M.PHARM (SHATABDI
DEY)



NEHA DHOUNDIYAL
07/MHM/DPSRU/2019
MASTER OF HOSPITAL
MANAGEMENT



NEHA CHAND
08/MPH/DIPSAR/19
M.PHARM (CLINICAL
RESEARCH) DIPSAR



ARCHANA JHA
08/BPT/16
BPT



DEBRAJ MUKHOPADHYAY
03/MBPH/DPSRU/19
MASTER OF PUBLIC
HEALTH DPSRU



CHETTEN CHANDEL
BSS/18/005
BSC SPORTS SCIENCE

INTERNAL QUALITY ASSURANCE CELL (IQAC): ACADEMIC ACTIVITIES, COLLABORATIONS, EXPERT TALK

Prof. Ajay Sharma & Dr. Madhu Gupta

Institutional Quality Assurance Cell

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realization of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, institutions need to channelize its efforts and measures towards promoting the holistic academic excellence including the peer committee recommendations. The guidelines provided in the following pages will guide and facilitate the institution in the creation and operation of the Internal Quality Assurance Cell (IQAC). The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies by IQAC to remove deficiencies and enhance quality like the "Quality Circles" in industries.

Objectives

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- Development and application of benchmarks for quality improvements
- Parameters for various academic and administrative activities of the institution
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Collection and analysis of feedback from all stakeholders on quality related institutional processes
- Dissemination of information on various quality parameters to all stakeholders
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/ activities leading to quality improvement
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
- Development and maintenance of institutional database through MIS for the purpose of maintaining / enhancing the

institutional quality

- Periodical conduct of Academic and Administrative Audit and its follow-up
- Preparation and submission of the Annual Quality Assurance Report (AQAR) on annual basis as per guidelines of NAAC.

ACADEMIC ACTIVITIES

DPSRU ORGANIZED VIRTUAL LAB TOUR OF ACCUPREC RESEARCH LABS PVT. LTD., AHMEDABAD

On 19th June 2021, the virtual lab tour of Accuprec Research Labs PVT. LTD., Ahmedabad, India, was arranged for the students and faculty members of School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University, Delhi.

Professor Ramesh K. Goyal, Hon'ble Vice Chancellor, DPSRU facilitate the Accuprec Team Members, students and faculty members. Prof. Goyal shared his words about importance of such meetings and how such industrial exposure is beneficial for the students.

Dr. Madhu Gupta Associate Professor, School of Pharmaceutical Sciences, DPSRU welcomed the company representative Dr. Manish Rachh, Director, Ms. Mona C. Bhalani, Senior Research Associate, RA & QA Department, and Mr. Samee Master, HR Manager,

The event was attended by approximately 100 participants encompassing B. Pharm., M.Pharm and PhD students of various streams such as Cosmeceutics, Industrial Pharmacy and Pharmacology, Pharmacognosy, Analysis and Clinical Pharmacy. Staff members Prof. Harvinder Popli Director SPS, Prof. Geeta Aggarwal Dean Academics, DPSRU, Dr. Sushma Talegaonkar, Dr. Madhu Gupta, Dr. Minakshi Garg, Prof. Deepti Pandita, Prof. CR Patil, Prof. Ajay Sharma, Dr. Mukesh Nandave, Dr. Anoop, Dr. Sooraj Pal, Dr. Rakhi Ahuja, Dr. Vijendra, and Dr. Foziyah, and others also attended this Virtual lab tour.

Accuprec Research Labs Pvt. Ltd. ® is a service provider for various testing services required for pharmaceuticals, chemicals and phytochemicals as well as herbal formulations.

Ms. Mona Bhilani has guided the students and faculties about the instruments and facility spreaded in 14 different verticals under one roof.;

1. Analytical testing of pharmaceuticals and cosmetics
2. Biotechnological services
3. Microbiological services
4. Biocompatibility studies of medical devices
5. Preclinical and toxicological services
6. Phytochemical and AYUSH testing services
7. Food testing services
8. Formulation and development services
9. Dyes, pigment and plastic testing services
10. Research and development services
11. Stability testing services
12. Clinical services
13. Regulatory dossier preparation
14. IP management services.

Then she gave a explained role and importance of CRO (contract research organisations) through presentation and discussed differents sectors in the pharamaceutical market and scope of CRO. Also guided the students for the future career aspects and also given the answers of the queries asked by the students.

Dr. Madhu Gupta concluded the session and shared her experience about Health Sciences and status of CRO in India and explained about the increased need of quality testing service providers to manufacturers of pharmaceuticals, chemicals, phytochemicals, herbal formulations, neutraceuticals and others falling in the category of food & drugs. She also stated about the amazing facts that India is top in world in exporting Generic medicines.

The whole program was coordinated by Dr. Madhu Gupta. Everyone learnt about the aspects of Accuprec Research Labs PVT. Ltd., Their services and facilities and lastly share their feed back with experts.

Brain Storming Session on DPSRU-NIB Certificate Program on Quality Control of Biopharmaceuticals

National Institute of Biologicals (NIB), an apex autonomous Institute under Ministry of Health & Family Welfare and Delhi Pharmaceutical Sciences and Research University (DPSRU), Govt of NCT of Delhi, the first Pharmacy University in India joined hands to initiate a certificate Program on Quality Control of Bio Pharmaceuticals.

The Scientific team headed by Dr. Anup Anvikar, Director NIB, visited DPSRU on Friday 13th August 2021. The meeting was chaired by Prof. Ramesh K Goyal Vice Chancellor DPSRU and Dr, Anup Anvikar, Director NIB. The delegates were welcomed by Prof. Geeta Aggarwal, Dean Academics DPSRU and gave a brief introduction about the University. Brain Storming Session was held on the proposed DPSRU-NIB Certificate Program on Quality Control of Biopharmaceuticals. Detailed discussions on the proposed syllabus for the certificate course, duration, pedagogy, logistics & examination between both the organizations. Prof. Goyal briefed the plans for further collaborations. Address was given by Dr. Anup Anvikar Chief guest of the program,who emphasized on providing necessary practical skills and increase the employability of the proposed program.It was decided by Vice Chancellor DPSRU and Director NIB to proceed further with similar joint programmes in near future. The Scientific team from DPSRU included Prof. Geeta Aggarwal, Dr. Saurabh Dahiya, Dr. Jaseela Majeed, Dr. Madhu Gupta and Dr. Surajpal Verma. The Director NIB has constituted the team of Scientists, Dr. Harish Chander, Dr. Gauri Misra, Dr. Sudha V Gopinath, Dr. Subhash Chand. Both the Scientific teams actively participated in the discussions. Apart from the team, the meeting was attended by Dr. J.P. Prasad, Deputy Director(QC) NIB, Prof. P K Sahoo, Director DIPSAR, Prof. Harvinder Popli Director SPS, DPSRU, Prof. Rajiv Tonk, Dean Student Affairs, DPSRU, Prof. C. R Patil, Dr. Mukesh Nandave and Dr. Ajit Thakur.

NIB has been supporting DPSRU for the various training programmes/ internships for Post graduate students of the University in the area of biologicals. The meeting also discussed to materialize the modalities of this collaboration through a formal Memorandum of Understanding (MoU) between the organizations. The meeting ended with vote of thanks by Prof. P K Sahoo, Director DIPSAR with a positive note to take these collaborations further. The meeting was coordinated by Dr. Jaseela Majeed (DPSRU) and Dr. Sudha V Gopinath (NIB).

Journal Club under School of Allied Health Sciences and Management 2021

The Journal Club activity under the School of Allied Health sciences was conducted from 10th December 2021 to 28th January 2022 in which all the students and their respective faculty members were participate from different streams like MBA Pharmaceutical Management, MHA and MPH to guide their students regarding how to conduct Literature Review for conducting research in their concern field. The students presented their internship work which are concern with pharmaceutical industry developments, Consumer awareness and perception towards pharmaceutical product, Medical healthcare insurance, Child nutrition and personal hygiene and quality service in hospital sector. The presentations are evaluated by their respective guides on the basis of their presentation skills, topic content and communication skills. The Journal Club activity allow student to explore new research topics with innovative idea to enhance their knowledge and understanding towards pharmaceutical and healthcare industry.

Orientation Programme School of Allied Health Sciences and Management

Inorder to prepare and motivate newly admitted students for success and to enable them to start their first day of class with the confidence that comes from knowing how their University works and what they

can expect from the environment, a virtual Orientation programme was organized by the School of Allied Health Sciences and Management (SAHSM) of Delhi Pharmaceutical Sciences and Research University (DPSRU) to kick start the Academic Session 2021-22 for the newly admitted undergraduate students of Bachelors in Medical Laboratory Technology (BMLT) and Diploma in Medical Laboratory Technology (DMLT0 on 10th of January, 2022, amidst the challenging times of the third wave of the ongoing pandemic, under the able guidance of the Head of the Department, Dr. Jaseela Majeed.

The students with their great enthusiasm reported and registered themselves for the programme. The programme commenced at 11 am in the morning by a formal welcome of the students, their parents, faculty members and Chief Guest of the event Dr Ramesh K Goyal, the honourable Vice Chancellor of the University, who graced the occasion with his presence. Followed by the invocation ceremony, lightening the lamp, seeking blessings from Goddess Saraswati together with the University song. After being infused with inspiration through the University song, the University's documentary film was presented to introduce the students to the University.

Followed that, the students were addressed by the Hon'ble Vice Chancellor, Prof. Ramesh K. Goyal, who welcomed and engaged the students in an interactive session. The students were motivated and enlightened by words of Prof. Goyal. He also shared with the students the vision and legacy of DPSRU and milestones achieved. The students were also addressed by Prof. Geeta Aggarwal, Dean Academics on the academic activities to equip the students with all the knowledge which will help them understand the academic environment at DPSRU. In order to acquaint the students with the various activities that they can explore during their journey in DPSRU, the students were addressed by Prof. Rajiv Tonk, Dean Students Welfare, who discussed the strategies of examination, marking scheme and extracurricular activities of the University. The students were also addressed by Dr Jaseela Majeed, Head SAHSM, who welcomed, and introduced the students to the department and also inspired the students to shine in their field.

Furthermore, the students also had the opportunity to hear from the respective faculty members, who introduced the students to the syllabi, programme structures, summer trainings and internships of different courses offered by the school. In this connection, Dr Puneeta Ajmera, Associate Professor and Dr. Sheetal Yadav, Assistant Professor, gave an overview about the BMLT and DMLT programmes respectively and also briefed about the curriculum to be followed during the first semester. In addition, the syllabus of the BMLT and DMLT programmes were discussed by Dr. Ramsha Iqbal, and Dr. Sarika Singh respectively, working as Assistant Professor in SAHSM. As no duty is more urgent than that of returning thanks, a vote of thanks was offered by Dr. Puneeta Ajmera, followed by National Anthem.

Yet another session of faculty-student interaction was conducted just after a short break so that the faculty members got an an opportunity to interact with students and provide academic guidance. Furthermore, this session was intended to introduce the students with all the faculty members so that they can get direction and guidance for classes, reference books, and many more.

The orientation program was aimed to make the students feel comfortable in a new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self and society. The entire session was well moderated and co-ordinated by Dr. Sheetal Yadav and Dr. Sarika Singh, under the able guidance of Dr. Jaseela Majeed, Head of SAHSM.

Overall, the event was productive, and it definitely served the purpose of the day

in enhancing students' familiarity with the programme, faculties, University campus, its facilities, environment and a plethora of co-curricular activities of the University.

School of Physiotherapy Orientation Programme

School of Physiotherapy, Delhi Pharmaceutical Sciences and Research University organized Orientation Programme for Bachelor's of Physiotherapy and Master's of Physiotherapy students batch 2022 on 4th February 2022. Dr Sheetal Kalra welcomed everyone including the Chief Guest for the programme Dr VP Gupta, retired Chief Physiotherapist CTVS, AIIMS, New Delhi. Dr Shilpa Jain briefed everyone about the highlights and the achievements of the department. Honourable Vice Chancellor Professor Ramesh K Goyal blessed students with his motivational words and encouraged them to be hard working, honest and dedicated towards their profession. Chief Guest Dr VP Gupta congratulated students for getting selected at DPSRU and also elaborated the need and importance of Physiotherapists in today's scenario including the crucial role played by them in Covid times, intensive care and other epidemics.

He wished students best of luck for their wonderful journey ahead in Delhi Pharmaceutical Sciences and Research University. The students felt motivated and blessed with encouraging words by everyone.

DPSRU Organizes 1st Research Promotion Award

Delhi Pharmaceutical Sciences and Research University celebrated 1st Research Promotion Awards recently in the Dr. G. K. Narayanan Auditorium situated within the campus on 5th April 2022.

The award ceremony started with the lamp lighting ceremony and DPSRU Kul Geet followed by the welcome address of Prof. P. K. Sahoo and an introduction about the Research promotion award function by Dr. Sushma Talegaokar, a senior DPSRU faculty and the programme coordinator.

The Chief Guest, Prof. Arun K Agarwal, Former Dean, MAMC and Guest of Honour Shri Naresh Kumar, DIG, BSF graced the occasion with their enlightening words.

Prof Arun Agarwal, emphasized on maintaining a balance between IP protection and public disclosure of science research. Sh. Naresh Kumar congratulated all the awardees and praised the step to organize the Research Promotion award Function. While addressing the event, Hon'ble Vice Chancellor, Prof. Ramesh K Goyal delivered a lecture on different aspects of research and through a Sanskrit shloka he explained the best practices and research methodologies that should be used by the researchers.

The award categories conferred were Notable Research Award, Distinguished Research Award, Outstanding Research Award, and Research Innovation Award. The awards recognized and honored distinguished researchers for having impactful contributions in their research area. The selections for the awards were based on an in-depth analysis of the published high-impact factor of the research/ review publications in 2021.

Notable Research Awards were presented to the researchers who had published papers with Clarivate analysis impact factor 3 to 5. Also, Distinguished Research Award was awarded to the researchers whose paper got published with Clarivate analysis impact factor 5–10. Outstanding Research Award was awarded to honor the academicians who have published research papers with Clarivate analysis impact factor 10 – 15. Research Innovation Award was awarded to the inventor for recognition and promotion of IPR.

Awards were awarded to faculty and their coauthors and research scholars of DPSRU. Prof. Sharad Wakode, Dr Sushama Talegaonkar and Prof. Deepti Pandita were conferred the Distinguished Research Awards. Research Innovation Award was felicitated to Dr. Meenakshi K. Chauhan. Notable Research Awards were awarded to Prof. Ramesh K Goyal,

Prof Wakode, Prof. Rajiv K. Tonk, Prof. Geeta Aggarwal, Prof Deepti Pandita, Dr. Meenakshi Chauhan, Dr. Prabodh Chander Sharma, Dr. Gaurav Jain, Dr. Mahaveer Dhobi, Dr. Sheetal Kalra, Dr. Puneeta Ajmera, Dr. Varsha Chorsiya, Dr. Anoop Kuma rand Dr. Foziyah Zakir. Some surprise awards were also conferred by the Registrar and Hon'ble Vice Chancellor to Dr Geeta Aggarwal, Dr Mukesh Nandave, Dr. Meenakshi Chauhan and Dr. Madhu Gupta for their Outstanding Contribution to DPSRU in Research Promotion.

The faculty in the World's Top 2% most cited Stanford University List from DPSRU; Prof Ramesh K Goyal, Prof. Deepti Pandita, Dr. Prabodh C Sharma and Dr Sushama Talegaonkar were honored by the dignitaries on the stage.

The Jury members Prof. Ruchika Malhotra, Dr. Sushama Talegaonkar and Dr C.R. Patil were acknowledged for all their time and contribution. Dr. Suraj Pal Verma was felicitated for his untiring efforts for the compilation of Abstract Book

The Research Scholars Ms. Neha Kumari, Mr. Mrityunjay Singh, Mr. Nazeer Hasan, Mr. Kushagra Khanna were felicitated with Distinguished Research Award and Ms. Lovika Mittal, Mr. Pankaj Masyuni, Dr. Nitin Yadav, Mr. Gaurav, Ms. Nisha, Ms. Supriya were awarded with Notable Research Awards and Mr. Pankaj Sharma was awarded for the Research Innovation Award. Mr. Vishal Shokeen who has bagged several awards at National Shooting Championships was also felicitated by Honorable VC Prof. Ramesh K Goyal, Registrar Dr O. P. Shukla and also Dean Students' Welfare Prof Rajiv K Tonk.

In addition, various non-teaching staffs were also felicitated with awards to honour their hard work for supporting the research fraternity: which included Mr. Ramji Lal, Mr. Mann Singh, Mr. Denesh, Mr. Devender and Mr. Avinash Bansal.

The University heartily congratulates the faculty members and research scholars on this well-deserved recognition. The entire function was coordinated by Prof. Rajiv K Tonk, Prof. Richa H Rai and Dr. Sushama Talegaonkar with the amazing coordination with committee members which include Prof. Geeta Aggarwal, Prof. P.K. Sahoo, Prof. Ajay Sharma, Prof. Wakode, Dr. Saurabh Dahiya, Dr. Prabodh, Dr. Bharti, Dr. Priti Jain, Dr J. Swaminathan, Dr. Madhu Gupta, Dr. Ajit Thakur, Dr. Surajpal Verma, Dr. Abhishek Dadhich, Dr. Sahil Mehta, Dr. Rakhi Ahuja, Dr. Sakshi, Dr. Parul, Dr. Sapna, Dr. Sharmishtha, Dr. Foziyah, Mr. Rakesh Chhabra, Mr. Rajesh Rawal, Mr. Aditya Kaushik, Mr. Krishan Kumar, Ms. Jyoti Baisla, and Mr. Nishant Kaushik. The event could not be concluded without the contribution of the student Volunteers who participated with full zeal and their efforts were truly acknowledged. The Dean Student's Welfare, Prof. Rajiv K. Tonk ended his vote of thanks with a mesmerizing quote:

कौन कहता है कि असफलता मिली तो मैं रुक जाऊँगा
मैं तो डीपीएसरु का शोधकर्ता हूँ,
उस पर भी एक नया शोध कर जाऊँगा

The event concluded with refreshments and a vow that we shall remain committed to further research to unleash the possibilities and potential to address global challenges and for service to the Nation.

DPSRU Hosts Students and Faculty Members of Delhi University on One Day Campus Visit & Hands-On Training

DPSRU, on April 12, 2022 welcomed students of Bhaskaracharya College of Applied Sciences, Delhi University on a floor-wise campus visit and hands on training on Techniques for Natural Products Analysis. The students were greeted and addressed by Honourable Vice Chancellor Professor Ramesh K. Goyal. In his address, Prof. Goyal talked about Standardization and Authentication of Plant Material/Raw Material which is required for herbal industry touted as the 'need of the hour'.

The programme began with the felicitation of guests by the deans, followed by welcome addresses. In their address, the

representative of Bhaskaracharya College of Applied Sciences, Delhi University spoke of their university, campus, student background and areas of specialization.

The program was coordinated by Prof. Ajay Sharma, Department of Pharmacognosy and involved productive floor wise visit of DPSRU facilities. The programme ended with the Vote of Thanks by Dr. Vijender, Assistant Professor, Department of Pharmacognosy, DPSRU.

Industrial Visit - Biomed International Private Limited Company

An industrial visit for BPT 4th Semester students was arranged to Biomed International Private Limited, New Delhi Company (manufactures and supplies best of equipments in Physiotherapy, Occupational & Rehabilitation, Sport Medicine, Hospital Furniture, Air Tube Transport System etc.) on 20.05.2022. BioMed Inc. is working in the medical field since 2002 and are one of the leading company dealing globally. Hon'ble VC Sir & Worthy Registrar, DPSRU provided this opportunity to the students under the leadership of Dr. Shilpa Jain (Head, School of Physiotherapy). The whole visit was coordinated by Dr. Parul Sharma and Dr. Ravinder Kumar. During the visit the students were taken to the production department by Director, Mr. Piyush Panchal where they learned the methods of installation of furnished goods & production of various physiotherapy equipments such as Ultrasound, Transcutaneous electrical nerve stimulation, Muscle stimulator, suspension frame , Continuous passive motion for upper limb & lower limb, quadriceps exercise table , Motorized Treatment Couch , High Low Tilt Table, EMG with NCV, Isokinetic dynamometry for upper & lower limb, Body composition analyzer, Ergometer etc. which are used in physiotherapy department of various institutes & universities. Students also visited the Research & Development (R&D) department, where they learned about the internal structures of various advanced equipments such as: Chiropractic And Fascia Release Equipments, Cryo Screen, Shockwave therapy, BPSS: Balance & Postural Stability System, Matti (Virtual Rehabilitation), Pulstar (Multiple Impulse Therapy) , High Performance combination, Deep Penetrating Electro-Magnetic Therapy & Laser Therapy . Students were seemed to be very enthusiastic to get awareness of new technologies. It is rightly said that "See & know' is better than 'read & learn'. This industrial trip proved to be a great learning experience & was highly useful for our students in terms of practical knowledge about the production/working methods of sophisticated specialized physiotherapy equipments used for clinical settings & research as well. At the end of the visit, queries from the students were invited. Many students raised their queries and he responded to them aptly and with proper details. Students expressed their gratitude for organizing such opportunities beyond academics to enhance their knowledge and technical skills.

School of Physiotherapy Conducts Certification Programme On Personality Development

School of Physiotherapy, Delhi Pharmaceutical Sciences and Research University successfully organized a 1 week Certification program on *Personality Development* from 23rd May 2022 to 27Th may 2022. The program was inaugurated in board room with welcome address by program coordinator Dr. Sheetal Kalra. Dr. Shilpa Jain emphasized the importance of personality development in a student's life. Prof. Richa Rai mentioned that it is a continuous process and is important for overall grooming of a student. Honourable Vice Chancellor Prof. Ramesh K. Goyal reitreated the importance of such courses in developing leadership qualities and decision making skills.

The resource persons Prof. Abhilasha Abhay Gupta Corporate Trainer and Social Worker and Mr. Varun Sharma educated students on various aspects of personality and its development on how they should behave, the Do's and Don'ts. They were explained the benefits of being an 'Assertive Personality' and refrain from being either 'Aggressive'

or 'Passive'. The 3 Vs of Communication – Visual, Vocal and Verbal, would help them in communicating effectively. They were given an insight into replacing outdated expressions with modern terminology. How to use stress and intonation for better vocal mastery and understanding was highlighted. The importance of how they should work on their visual appearance for positively impacting people was stressed. An overall view of what was required of them in terms of etiquette and manners in College and in society, to lead a healthy and professional life was covered.

Workshop on Bright Field and Fluorescent Imaging by Celena-S:Digital Imaging System

The Department of Pharmaceutics, School of Pharmaceutical Sciences, DPSRU in collaboration with Biogenuix Medsystems Pvt.Ltd has organized a "Workshop on Bright Field and Fluorescent Imaging by Celena-S:DigitalImaging System" to provide training to the students and staff on fluorescent imaging. Thisworkshop aimed to provide demonstration on using the equipment and Celena-SDigitalImaging system. The program was organized on dated 23rd May 2022 at 3:00 pm. At Lab no. 208, Dept. of Pharmaceutics, SPS, DPSRU. The demonstration was presented by Mr.Abhishek Pandey and his team.

The objective of the programme was to provide demonstration on installation and training on fluorescent imaging and data analysis.The programme started with installation of the equipment. All the accessories of the imaging equipment and their purpose was demonstrated.A collection of vessel holders was shown to accommodate flasks, dishes, plates, and slides that comes with the instrument.

- The training started with placing the 'ready to use' slide on stage
- The diaphragm and phase annuli slider were adjusted as needed.
- Objective lens was selected. It has three objectives 4X,40X and 10X and a provision for fourth one.
- The filter cube was selected from GFP, RFP and DAPI.
- Start in Capture mode and then Live Mode
- The sample was focused on full dynamic range.
- The software was user-friendly. All the applications like image capture, analysis, live cell imaging, Z-stack imaging, and automated cell counting was demonstrated by the expert.

The following useful applications of instrument were demonstrated:

- **Multicolor fuorescence and brightfield imaging** was demonstrated using Capture, overlay, edit, and save multichannel fluorescence images with the simple user interface.
- **Onboard data analysis** was demonstrated: How to choose from a variety of measurement and annotation tools to analyze the images immediately upon capture. The data and annotated images can be easilyexported by USB.
- **Z-stack imaging** was demonstrated. The multiple images along the Z-axis were captured with the Z-stack function.
- **Automated cell count and viability analysis** was demonstrated.

The data can be saved in tile mode to capture all the three modes together and overlay to take the superimposed images. The images can be saved in monochrome or pseudochrome mode.

Overall, the training was nicely executed, and the CelenaS Digital Imaging system is easy to use, benchtop, one step solution for all our imaging needs and data analysis in one system. The quality of images obtained are of publication quality.The participants were able to performunderstand the imaging technique, different applications of the instrument and data analysis using Celena S Digital Imaging System.

The workshop was inaugurated by Director, SPS, Prof. Harvinder Popli, Dean Academics, Prof. Geeta Aggarwal.The event was

well coordinated by Dr. Madhu Gupta as Coordinator and Dr Sushma Talegaonkar & Dr Minakshi Garg as Co-Coordinators and Dr Amanpreet Kaur and Dr. Sumit Sharma asteam members. Almost more than 20 participants were present there. All the participants enthusiastically took part in the questionaire session.. At last Dr. Madhu Gupta expressed her gratitude and says thanks to Dr. Abhishek and his team fortheir valuable time and for this wonderful workshop. The webinar was overall the successful event with the guidance and support of the faculty's members and students. At last, the report was prepared by Dr Amanpreet Kaur, Assistant Professor, SPS, DPSRU.

Expert Talk on NEP 2020 Organized at DPSRU based on the theme "Internationalization of Professional Universities in the Light of NEP 2020"

On June 1, 2022, 10:30 AM onwards, DPSRU IQAC Cell organized an expert talk on NEP 2020. In this event, Prof. K. K. Aggarwal, Chairman, NBA was invited as the Chief Guest and Prof. J. P. Saini, VC, NSUT and Prof. Neharika Vohra, VC, DSEU were invited as Guests of Honor. The guests, along with Honourable VC, DPSRU, Prof. Ramesh K. Goyal participated in the speeches and the panel discussion. During the discussion, Prof. Aggarwal discussed the role of NEP 2020 in the upliftment of student skills. He highlighted the fact that the students with parents working in the government sector can shift to another institute on same course and continue their study. He also spoke on the advantages of online courses by the universities for enhancing the knowledge and skills of working professionals.

The penal members discussed on various facts such as fee concession and minimum seats for girls with parent income less than 2 lac, smart classroom for students, vocational and skill based courses. It was emphasized that pedagogy is an effective tool for sound teaching and learning process. The importance of practical based teaching method and project based teaching as per students' interests.

The programme was coordinated by Prof. Ajay Sharma, Director, NAAC & IQAC, along with the team members of the IQAC Cell. The ceremony began with the lamp lightning ceremony, followed by felicitation of guests. This was followed by the keynote and guest speeches and the panel discussion, in which all the faculty members and the dignitaries participated. The ceremony ended with the vote of thanks by Professor Ajay Sharma, Director, IQAC.

COLLABORATIONS/MoU

DPSRU organized MOU Signing Ceremony with Rotary Club of Delhi (RCDC)

Delhi Pharmaceutical Sciences and Research University (DPSRU) signed a MoU with Rotary Club of Delhi (RCDC) on 13th July 2021. These MOUs are strategic in the direction of future aspirations for World Class Skill Centre-DPSRU to facilitate internship and placement of skilled individuals in the healthcare sector.

Rotary club of Delhi Central, RI district 3011, had a very purposeful and productive day on 13th of July, 2021. President Dr. Harvinder Popli, Secretary Dr Lalitha, Treasurer Rtn Vinay Singhal, Chairperson for skill development Rtn Vivek Madan, Senior Past presidents and Chair for public relations, Rtn Rakesh Gupta, Rtn C. S. Gupta, Rtn Dr. Neelam Sethi , along with Rotaractors of DPSRU, welcomed our DG Anup Mittal and first lady Shruti Mittal, along with District officials, Rtn Sammer Gupta and Rtn Mahesh Trikka , AG Rtn Vinay Mittal to sign a memorandum of understanding with the skill development unit of the Govt of Delhi, situated in DPSR University, to facilitate proper placement for the skilled individuals after their training in yoga & meditation, Healthcare & beauty and wellness skills, in the August presence of the Hon'ble Vice Chancellor Prof. Ramesh K Goyal of the university, Dr. O.P. Shukla, Registrar, DPSRU, Prof. Geeta Aggarwal, Dean Academics, Prof. Rajiv K. Tonk, Dean Student affairs, Dr. Jaseela Majeed, Head School of Allied Health Sciences, Prof. Ajay Sharma, DPSRU and Dr.

Madhu Gupta, Offg. COO, WCSC-DPSRU and Associate Professor, DPSRU. Chief Guest and Guests of Honour motivated the students present with their inspirational remarks.

This was followed by a short presentation of saving water.." every drop counts".. Jal hai to kal hai" initiative by Rtn CS Guptaji and the Plumbing association of India, to use simple tools to reduce water consumption. A release of a simple booklet with drawings to save water by various means was released and it would be distributed to the public to create awareness to save water in every way. Prof. Rajiv K. Tonk presented Vote of Thanks and whole program was coordinated By Dr. Madhu Gupta, Offg. COO, WCSC-DPSRU.

The weather was perfect for Tree Plantation in the premises of DPSR university campus, and tree plantation was done by DPSRU campus and distribution of Immunobooster tablet.

Our gratitude to all participants who came despite their busy professional commitments and the existing pandemic fears, to make this a success.

Studying Ayurvedic Science through the lens of Pharmacology and Pharmacognosy || MoU Signed between DPSRU & All India Institute of Ayurveda

Delhi Pharmaceutical Sciences and Research University (DPSRU) and All India Institute of Ayurveda (AIIA) have recently signed an MoU focusing on the evaluation of Ayurvedic drugs by modern sciences in patients. This MoU will see collaborative efforts from the faculty as well as students from both the varsities in the areas of research, faculty exchange and student activities.

This will bring into light the importance of modern Pharmacology at All India Institute of Ayurveda, a centrally funded government institute on Ayurvedic Studies, through the pharmaceutical sciences resources at DPSRU.

Research has shown the growing footprints of the Science of Pharmacology and Pharmacognosy in the study of Ayurvedic formulations and Ayush drug discovery. Along with Joint research between the institutes – to be funded by external agencies – this collaboration would focus on students of both the varsities coming together on projects, with faculties from both, acting as co-guide and co-supervisors.

This MoU was signed by Professor Ramesh K. Goyal, Vice Chancellor, DPSRU, Dr. OP Shukla, Registrar, DPSRU and Professor Tanuja, Nesari, Director, All India Institute of Ayurveda.

DPSRU, a well-known pharmacy institute that would start a new course of B. Pharm (Ayurveda) in the academic year 2021–2022. According to Dr. Mukesh Nandave, the chief coordinator of the MoU development, and Associate Professor of Pharmacology at DPSRU, "Director and senior faculty members of AIIA could be asked to share their expertise in choosing subjects, framing syllabus, and other activities for this new course."

Furthermore, the event also witnessed the inauguration of Integrated Clinical Unit by the honourable Vice Chancellor of Delhi Pharmaceutical Sciences and Research University, Professor Ramesh K. Goyal.

DPSRU signs MoU with Delhi Government Hospital for Training and Research of post graduate and undergraduate students

Delhi Pharmaceutical Sciences and Research University, the first university of India dedicated to pharmaceutical sciences and allied medical sciences, has signed an agreement with Aruna Asif Ali Government Hospital for collaborative activities that involves support and advancement of academic tie up for the purpose of training and posting for the students of undergraduate and post graduate programmes on 14th Oct 2021.

In this process, AAAGH has assured DPSRU that it would extend its' 'necessary help' to provide the platform for promoting best health care delivery in Delhi including facilities required of all sorts of Physiotherapy Training.

Physiotherapy and Hospital administration based research activities including case studies, experimental studies, development of

new treatment protocol shall be worked on.

"We look forward to develop jointly academic and research programs with hospital with a focus on public health" Professor Ramesh Kumar Goyal, the Vice Chancellor of DPSRU said.

Dr. O. P. Shukla, the Registrar of DPSRU added "Such collaborations pave the way for the education sector to work in the field of public health"

While DPSRU will provide facilities and expertise to conduct clinical research projects for AAAGH, both parties will bring all the required funding required to execute the project with regard to consumables, reagents and other costs involved in executing the project.

National Institute of Biologicals and Delhi Pharmaceutical Sciences & Research University set to start Certificate course on Quality Assurance of Biopharmaceuticals and signed Memorandum of Understanding (MOU) to promote academic and Research activities

MoU signing ceremony between Delhi Pharmaceutical Sciences and Research University (DPSRU) and National Institute of Biologicals (NIB) was held at NIB on 17th May 2022 at 11:30 am. The ceremony commenced with welcome address by Ms. Sudha V Gopinath, Scientist Gr-III, from NIB and opening remarks was delivered by Dr. Anup Anvikar, Director, NIB. The Vice-Chancellor of DPSRU, Prof. Ramesh K Goyal gave the key note address on Challenges in Quality Assurance of Biologicals and future perspective of biopharmaceuticals. On behalf of the DPSRU Prof. Geeta Aggarwal, Dean Academics, DPSRU briefed the future activities planned under NIB-DPSRU collaborations. The MOU affirm long-standing partnership between the two organizations to collaborate in academic and scientific research activities in the areas of biologicals and pharmaceuticals. The MoU was signed by Dr. Anup Anvikar from NIB and Dr. O P Shukla, Registrar, from DPSRU. The ceremony ended with vote of thanks from Harish Chander, Scientist-I &I/c Dy. Director-QC, NIB. The ceremony was attended by Dr. Harvinder Popli, Director, SPS, DPSRU, Dr. Jaseela Majeed, Associate Professor, Dr. Saurabh Dahiya, Associate Professor and Senior scientists from NIB.

To extend this collaboration further, NIB and DPSRU is set to start "Certificate course on Quality Assurance of Biopharmaceuticals". This six-month certificate course will be from current academic session 2022–23.This course is designed to speedily enhance the knowledge on Biopharmaceuticals, quality control strategies and related regulatory compliance skills for assuring quality of biopharmaceuticals among students.

Delhi Pharmaceutical Sciences and Research University signed Memorandum of Understanding (MoU) with Aruna Asaf Ali, Government Hospital, New Delhi

Aruna Asaf Ali Hospital, Govt of NCT of Delhi is a renowned public hospital in Civil Lines, New Delhi working since pre-independent period and is known as Police Hospital. Aruna Asaf Ali Hospital is a recognized name in patient care and the hospital is backed with a vision to offer the best in patient care and equipped with technologically advanced healthcare facilities. Delhi Pharmaceutical Sciences and Research University (DPSRU), the first pharmacy University in the country dedicated to Pharmaceutical and Allied Health Areas has signed the Memorandum of Understanding (MoU) with Aruna Asaf Ali Hospital on 13th October 2021.

The MoU was signed by Dr Sunita Meena , Medical Superintendent (MS) on behalf of Aruna Asaf Ali Hospital and Dr. O.P Shukla, Registrar on behalf of DPSRU and marked the beginning of a wonderful association between both the organizations. The MoU ceremony was attended by Dr. Vijay Khari, Deputy Medical Superintendent (DMS), Dr. Jaseela Majeed, Head ,School of Allied Health Sciences and Management, Dr. Shilpa Jain, Head, School of Physiotherapy, Ms.Shivani, Hospital Liaisoning officer, DPSRU and Mr.

Rakesh Chabra, Consultant Administration, DPSRU. This MoU envisions creating synergies between Aruna Asaf Ali Hospital and DPSRU in training, postings, internships, teaching and research for various graduate and post graduate programs of the University.

Public Health Education: DPSRU Collaborates with NCDC & IPC to Promote Academic and Research Activities in Pharmaceutical and Allied Health Sciences

Delhi Pharmaceutical Sciences and Research University (DPSRU), Govt. of NCT of Delhi, witnessed an auspicious occasion of signing Memorandum of Understanding (MOU) with two organizations of National Excellence; National Centre for Disease Control (NCDC) and Indian Pharmacopoeia Commission (IPC), Ministry of Health and Family Welfare, Govt. of India on 24th February 2022. The MoU was aimed to fill the gap between education and industry and to provide the students better research facilities through collaborations with organizations of repute. The MoU was signed in the august presence of Prof. (Dr) Ramesh K. Goyal, Vice Chancellor, DPSRU along with Dr. Sujeet Kumar Singh, Director, NCDC, Dr. Rajeev Singh Raghuvanshi, Secretary cum Scientific Director, IPC and Dr. O.P Shukla, Registrar DPSRU, The officials from NCDC included Dr. Arti Bahl, Additional Director & Head, Epidemiology Division, Dr. Sudhir K Jain, Advisor, Dr. Meera Dhuria, Joint Director and Dr. Suneet Kaur, Deputy Director while Scientific team from IPC included Dr Menakshi Dahiya, Principal Scientific Officer and Dr. Kalai Vani, Sr. Scientific Officer. The MOU's affirm long-standing partnership between the organizations to collaborate in academics and scientific research activities in the areas of Public Health, Hospital Management, Pharmaceutical Analysis, Pharmacology and Pharmaceutical Management. DPSRU will collaborate both with NCDC and IPC to identify ways to implement the objectives of this memorandum of understanding by working together wherever applicable in their respective ongoing programs and research projects. Prof Goyal assured that this collaboration is the beginning of very long-term partnership for the welfare of students and society.

The ceremony was attended by Dr. P. K Sahoo, Dean Research and Director DIPSAR, Dr Geeta Aggarwal, Dean Academics, DPSRU, Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Management (SAHSM) & Faculty Incharge for collaboration with NCDC, Dr Saurabh Dahiya, Associate Professor, and Nodal Officer for collaboration with IPC, Dr. Deepti Pandita, Professor Pharmaceutics, Dr. Puneeta Ajmera, Associate Professor and Dr J. Swaminathan, Assistant Professor of the Department of Public Health of SAHSM. The event was well coordinated by Dr. Saurabh Dahiya and Dr. Jaseela Majeed.

School of Allied Health Sciences and Management of DPSRU signed Service Agreement with IDEA

Institute of Emergency & Accidents (IDEA) is an emergency management agency working in the areas of a public health emergency, health systems strengthening, and community resilience signed Service agreement with School of Allied Health Sciences and Management of DPSRU on 21 March 2022 for a certain set of research projects including "Undertaking Community Knowledge Survey /Perception and Knowledge Survey on Doctors and a few additional activities contributing to scientific research and analysis and DPSRU accepts to collaborate with IDEA on the same. The other core areas of work are hospital safety, industrial safety, and road safety.

The team IDEA has collaborated with DPSRU in projects and concepts and engaged Masters in Public Health (MPH) students for internships for overall technical development and career enhancement through technical exposure and stakeholder engagement. The Service Agreement was signed by Dr. Jaseela Majeed Head, School of Allied Health Sciences and Management Ms Pooja Saxena, DRR Team Lead, IDEA.

DPSRU Signs MoU with GB Pant Institute of Post

Graduate Medical Education and Research

Delhi Pharmaceutical Sciences and Research University (DPSRU) signed MoU with Govind Ballabh Pant Institute of Post Graduate Medical Education and Research on June 3, 2022 for research and collaboration activities. Govind Ballabh Pant Institute of Post Graduate Medical Education & Research, is under Department of Health and Family Welfare, Govt. of NCT of Delhi is a referral hospital providing specialised health care facilities at territory level to the citizens of Delhi through various types of health outlets, spread all over Delhi viz. Dispensaries and Health Centres.

The MoU aims at establishing collaboration between the two organizations for support and advancement of academic tie up for the purpose of specialised training and posting for the students of Pharmacy, Physiotherapy (UG & PG), Allied health courses like Diploma in Medical Laboratory Technology (DMLT), Bachelors in Medical Laboratory (BMLT) and for promoting research and training related activities in DPSRU. MoU also mentions the prospects to initiate super speciality collaboration in research between the DPSRU and GB Pant Hospital.

This MoU was signed in the presence of Dr. Anil Aggarwal, Medical Director, Govind Ballabh Pant Institute of Post Graduate Medical Education and Research and Dr. O.P. Shukla, Registrar, DPSRU, along with Dr. Jaseela Majed, Head, School of Allied Health Sciences and Management, Dr. Shilpa Jain, Director, CMYS and Head, School of Physiotherapy, Dr. Vineeta Batra, Pathologist, GB Pant Hospital and Ms. Shivani Dutt, Hospital Liaisoning Officer, DPSRU.

DPSRU MoU Signing with Zeon Life Sciences Ltd

Delhi Pharmaceutical Sciences and Research University (DPSRU) has signed a Memorandum of Understanding (MOU) with Zeon Life science Ltd. on 3rd March 2022, under the chairmanship of Prof. Ramesh K. Goyal Hon'ble Vice-Chancellor, DPSRU. This MOU would be a bridge between academia and industry, giving ample of opportunity to DPSRU faculties and students to scale up their R & D and formulations related activities. The MOU was signed by Dr. O.P. Shukla, Registrar, DPSRU and Mr. Suresh Garg, M.D Zeon Life sciences. The esteemed event was witnessed by Prof. Ramesh K. Goyal, Hon'ble Vice-Chancellor; Prof. P.K Sahoo, Dean Research & Innovation; Prof. Geeta Aggarwal, Dean Acedemics; Prof. H. Popli, Director, SPS; Mrs. Rani Grag, Director, Zeon; Ms. Yashna, CMO Zeo Nutra and Dr. Girish Gupta from Zeon. The collaboration would now progress under the umbrella of DSIR-CRTDH Centre for Advance Formulation and Technology (CAFT) center in Delhi Pharmaceutical Sciences and Research University.

Dr. O.P. Shukla, Registrar of the university told that DPSRU is getting continuous Government support for set up of world class infrastructure in the university. The formulation scientists and CAFT coordinators including Prof. Geeta Aggarwal, Prof. Deepti Pandita & Dr. Gaurav Jain discussed various projects for the development of Pharmaceuticals, Nutraceuticals & Cosmeceuticals with the company.

The MOU signing ceremony successfully ended with words of Prof. Ramesh K. Goyal, Vice-Chancellor, DPSRU. He assured that this MOU will be a starting of long-term collaboration of DPSRU with Zeon Life sciences where both the organizations will definitely work together for the growth and betterment of scientific and industrial research.

The programme was ended with vote of thanks by Dr. Deepti Pandita and this programme was moderated by Dr. Anshul.

Delhi Pharmaceutical Sciences and Research University (DPSRU) signs MoU with Translational Health Science and Technology Institute (THSTI)

Delhi Pharmaceutical Sciences and Research University (DPSRU) recently signed MoU with Translational Health Science and Technology Institute (THSTI), an autonomous Institute of Dept. of Biotechnology, Ministry of Science and Technology, Govt of India. The three-fold

purpose of signing this MoU is faculty and student exchange, research and collaborative academic activities. This MoU was signed by Professor (Dr) Ramesh K. Goyal, Vice Chancellor, DPSRU and Dr. Pramod Kumar Garg, Executive Director, Translational Health Science and Technology Institute. Professor (Dr) Ramesh K. Goyal briefed about the achievements of the University particularly during the COVID era.

Under the research exchange aspect, the faculty of DPSRU would involve in join projects with THSTI. According to Dr Mukesh Nandave, the chief coordinator for the MoU development, and Associate Professor of Pharmacology at DPSRU, "Faculty, research scientists, and students from DPSRU as well as THSTI will be engaged in joint research programs, projects to sharpen their research skills and practices".

DPSRU has Centres of excellence of having ocular pharmacology laboratory, herbal drug technology, BioNest Centre, Clinical Research (BA/BE Center), Innovation and incubation Centre (DIIF) and Nanotechnology along with skill development courses in Beauty and Wellness, Sports Digitalization and Performance Management, Sports Fitness and Yoga Application. Furthermore, students of both the institutes would collaborate, with faculties from both, acting as co-supervisors. Joint research would also be carried out between the two institutes, funded by external agencies.

School of Physiotherapy and School of Allied Health Sciences Signs MoU with Special Olympics Bharat

School of Physiotherapy and School of Allied Health sciences signed Memorandum of Understanding with Special Olympics Bharat (SOB) in their office at Lajpat Nagar, Delhi on 10th March 2022. The International Olympic Committee (IOC) recognises Special Olympics programmes for Olympic-style athletics and sports. In 2006, the Ministry of Youth Affairs and Sports of the Government of India designated SOB as the National Sports Federation in the 'Priority' category for the development of sports for people with intellectual disabilities. Dr O.P Shukla, Registrar Delhi Pharmaceutical Sciences and Research University and Executive Director SOB, Air Cmde. Lalit K Sharma signed the MOU. The MOU signing was attended by Dr Jaseela Majid, Dr Sheetal Kalra, Dr Puneeta Ajmera, Ms Raman Rekhi Joint Director SOB and Mr Varun Philips Manager Healthy Athlete SOB. The association will build relationships in the areas of arranging and participating in training programmes for fostering inclusion for individuals with Intellectual Disabilities through sports and other activities.

DPSRU SIGNS MEMORANDUM OF UNDERSTANDING WITH NITRD

Continuing its legacy to ardently adhere to its vision and mission, under the guidance of Honourable VC, Prof Ramesh K Goyal, DPSRU signs Memorandum of Understanding with 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. Healthcare professionals from across the world have been visiting the Institute for training and interactions. Formerly known as LRS TB Hospital, it was established by TB Association of India in 1952. The hospital was upgraded into an autonomous Institute in 1991 by Govt. of India. The Institute was renamed as LRS Institute of Tuberculosis & respiratory diseases as an autonomous Institute under the Ministry of Health & Family Welfare, Govt. of India. The Institute is registered as a society under the Societies Registration Act, 1860 (XX1).

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 Liaisoning Officer DPSRU.























DPSRU Innovation Incubation Foundation (DIIF)

Prof. Harvinder Popli and Mr. Navin Kumar

Since its inception in 2017, DPSRU Innovation and Incubation Foundation (DIIF) has been actively involved in development and sustenance of innovative and entrepreneurial ecosystem in pharmaceutical and allied sciences. DIIF is committed to create mutually productive and beneficial partnerships with business, industry and community organizations to support new ideas, research and development. This approach adopted across the University that has led to the growth and development of a strong culture of entrepreneurship at the University fostered by engaging with a broader ecosystem in the community.

DIIF strives to combine students, Faculty, Alumni and Industry Association to foster a culture of encouraging budding entrepreneurs in the University by providing right context and navigation with help of expert mentorship and education for commercializing research, industrial collaboration, administrative and infrastructure facilities at the university campus

DIIF is also committed for enhancing the employability of students of pharmacy. Life sciences and allied domains; for this DIIF has partnered with Amarant Life Sciences to create a platform called "E-Pharmy" which is focussed on providing high quality education to students and industry professionals in industry relevant courses like IPR, Regulatory Affairs, Good Manufacturing Practices, Sales and Marketing etc. These are weekend only certification courses that will be conducted online/offline/hybrid mode.

Within 3.5 years of its existence, DIIF has supported 22 start-ups by providing a total seed fund amount of Rs 52.5 lakhs, office space, a research facility, and networking opportunities with mentors and investors. Through a series of events like hackathons and innovation challenges, DIIF has attracted extremely bright and committed entrepreneurs from DPSRU as well as other eminent institutes. With such initiatives, DIIF offers a second-to-none opportunity for pharmacy and life sciences students, research scholars, and professionals to take the entrepreneurial route in their careers. As of now, five of the supported start-ups have marked their presence in the market while the three are at the pre-commercialization stage.

EDP Activities of DIIF:

1. Mentoring start-ups for developing successful business through a network of mentors/advisors and experts
2. Skill Development and Entrepreneurship trainings
3. Education/Access to Knowledge related to ideation to concept to validation of product to commercialization
4. Providing office space and research facilities to start-ups working in the wide areas of healthcare, environmental safety, healthcare data analytics etc.
5. Providing seed grant (based on availability) to start-ups
6. Connecting the start-ups to investors
7. Collaborations with industries
8. Running industry relevant courses for students and industry professionals for better employment opportunities

Thrust Areas of Innovation:

1. Drug formulations
2. Herbal medications
3. Preventive measures for communicable diseases
4. Innovations in supply chain for high value medicinal products
5. Nutrition and nutraceuticals
6. Data analytics in healthcare

7. Diagnostic and monitoring devices and software
8. Wounds and trauma
9. Disease management

Latest News:

1. HealthHack 3.0: The annual flagship hackathon of DIIF

The annual Hackathon of DPSRU Innovation and Incubation Foundation was organized on 7–8 January 2022 in collaboration with Reveille Solutions Inc, Canada. This year's hackathon was preceded by an Ideation workshop by Mr. Nilay Goyal who is a start-up mentor and professor of entrepreneurship at York University, Canada. During the main event, 10 teams of students participated and they were trained about various aspects of entrepreneurship and product development. At the end, the teams were asked to work on a novel idea using the lessons taught during the workshop and pitch the same idea to a jury comprising of Prof HarvinderPopli (Director, DIIF and SPS, DPSRU), Mr. D C Joshi (Ex Chief, National Research Development Corporation, New Delhi) and Mr. Saikat Ghosh (Managing Partner, X-Leap Consultancy). The best three pitches were given cash awards.







The first prize winner M/s Carepath Lab Pvt Lts was given prize of Rs 20,000.00 and offer to get themselves incubated at DIIF. Second prize (Rs 15,000.00) was given to a team of students of DPSRU led by Ms. Kanika and the third prize was given to two teams of students (Rs 10,000 to each team).

2. Commissioning of Fresenius Kabi Aseptic Processing Facility:

The FKOL Aseptic processing facility was established in 2021 with the generous support of M/s Fresenius Kabi Oncology Limited under their CSR (Corporate Social Responsibility) Initiative. FKOL provided equipment worth more than 35 Lakhs that included drug dissolution apparatus, benchtop centrifuge, spectrofluorometer and digital balances.

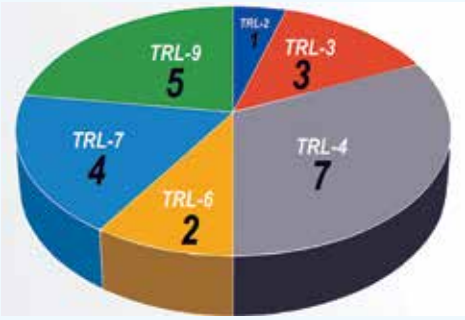


3. Induction of new incubatees:

During the AY 2021–22, DIIF inducted 5 new incubate start-ups i.e.Neuranics Lab Pvt. Ltd., OSTG Technologies Pvt. Ltd., Carepath Labs Pvt. Ltd., Ekosight Technologies Pvt Ltd and Biovantri Group Pvt Ltd leading to a total of 22 supported start-ups till date.

Additionally, M/s Neuranics Lab Pvt Limited raised an investment of Rs 50 Lakhs Cr thereby getting a market valuation of more than Rs 36 Crore.

4. Technology Readiness Level (TRL) of DIIF Incubated start-ups



SCHOOL OF ALLIED HEALTH SCIENCES & MANAGEMENT

Dr. Jaseela Majid and Dr. Abhishek Dadhich

The School of Allied Health Sciences and Management is dedicated to become a pioneer in research and education not only in pharmaceutical, hospital management and public health, but also in Medical laboratory technology and Artificial Intelligence. The school was established in 2016 under Delhi Pharmaceutical Sciences and Research University, Govt of NCT of Delhi. As health care professions constitute 60% of the healthcare systems in developed countries and contribute to the delivery of health-related services for evaluation, identification & prevention of disorders, rehabilitation and health systems management. The school offers programmes at undergraduate and postgraduate levelsto train health professionals of calibre. The School has collaborations and partnerships with major hospitals like BL Kapur – Max Super Speciality Hospital. Indraprastha Apollo Hospital, Fortis Escorts Heart Institute, Max Super Speciality Hospital, Delhi Heart and Lung Institute and Madhukar Rainbow Children's Hospital. The School has recently signed MoU with Hospitals like Aruna Asaf Ali Govt. Hospital and Govind Ballabh Pant Govt Hospital for providing quality collaborative learning opportunities for the students and promote academic research.

The School of Allied Health Sciences and Management has eight main programmes:

- **MBA in Pharmaceutical Management (MBA-PM):** Two year full time Masters of Business Administration Programme with specialization in Pharmaceutical Management
- **MBA in Pharma Economics and Trade (MBA-PET):** Two year full time Masters of Business Administration Programme with designed to equip students with essential management skills with a specialist pharma focus on international business.
- **Masters in Public Health (MPH) :** Two year full time Master's Programme with specialization in Public health.
- **Masters in Hospital Administration (MHA):** Two year full time Master's Programme with specialization in Hospital Administration.
- **M.Sc. in Artificial Intelligence and Precision Medicine:** Two-year full-time Master's Programme designed to provide training in the principles of AI and precision and stratified medicine and the clinical impact of individual molecular and lifestyle variability.
- **Bachelor of Medical Laboratory Technology (BMLT):** 3-year undergraduate programme designed to train the students to become Medical Laboratory Technologists who assist physicians in labs and are responsible for performing laboratory investigations relating to diagnosis, treatment of diseases by performing various tests and recording results.
- **BBA-Community Healthcare:** 3-year undergraduate program that equip students for community-focused care to enhance healthcare services. Program is rightly designed to produce middle level young professionals who can work for the prevention of the disease and promotion of disease control strategies.
- **Diploma in Medical Laboratory Technology (DMLT):** 2-year diploma programme which provide skill-oriented training and develop skilled professionals ready to work in

hospitals, laboratories, public and private health facilities and industrial laboratories.

The courses offered are specifically designed to prepare graduates and post graduates for rewarding careers in the nationally and globally growing healthcare industry.

The School is offering two more programmes from the academic session 2022-23.

1. MBA- Health Care and Hospital Management: 2 year full time Masters of Business Administration Programme that emphasizes on developing knowledge component, skill and attitude pertaining to Hospital and Health Managers. The program will help the candidates in developing expertise in planning and managing different types of hospitals or healthcare organizations.
2. B.Sc. Biomedical Science: 3-year undergraduate program that offers students comprehensive skill and knowledge-based learning, keeping in view their employability prospects. This course offers a skill development syllabus having 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.

Initiatives undertaken by School of Allied Health Sciences and Management

- **Community Health Facility:** The former Union Minister of State for Culture and Tourism and Member of Parliament Shri K.J. Alphons inaugurated the Community Health Facility of SAHSM on 29th June 2021. The Distress Management Collective India (DMCI) in association with India Canada Association of Kingston, a well-known voluntary service organisations donated five Oxygen Concentrators of 10 litres capacity as well as pulse oxymeters on this occasion. The team DMCI donated the masks made by the rehabilitated inmates of GB Road promoted by Katkatha and DMCI to the Community health facility of the University. The facility would also cater the health related needs of the University and the neighbouring communities.
- **Alumni Talks:** A virtual talk on "**Journey and learnings at NIPER, Mohali – An Alumni Talk** was organised on 25 June 2021 for the students of MBA- Pharmaceutical management. The session was aimed to connect the students of MBA-PM with the alumni of DPSRU who have completed Pharm MBA at NIPER, Mohali. The speakers of the vibrant session were Ms. Ashi Siddiqui, Ms. Archana Arya and Ms. Anushree Mukherjee alumni of 2015 B Pharm batch of DPSRU. During their talk each one of the speakers took the students through their journey at NIPER and their learnings from their internships. All the speakers guided the students about various skills that are required to enter the Pharmaceutical industry and required soft skills and techniques along with the academic knowledge to crack the interview.
- Another online talk on **"Industry Insights-Alumni Talk"** was organised on 10 July 2021, for the MBA- Pharmaceutical Management students. The alumni who joined were Mr. Nitesh Gunjan (2017 Batch), Mr. Nikhil Varshney (2018 batch), Mr. Prabhsimran Singh (2019 batch) of MBA-Pharmaceutical Management. All the 3 speakers gave a deep understanding regarding the gaps in the pharmaceutical industry and their journey from University into the dynamic pharma industry profession. Their insights gave the students a clear picture of the road ahead and a deep dive into the implications of the industry.
- **Short term Training Programme on Epidemiology at National Centre for Disease Control (NCDC):** NCDC, Ministry of Health & Family Welfare have conducted a two day training program for the students

of **MBA**-PM, MHM and MHM on 25th and 26th August 2021. The 2 day sessions covered Introduction to Epidemiology followed by Measures of Epidemiology, Descriptive and Analytical Epidemiology. Hands on training on Analytical Software named "epiInfo" used in the analysis of research studies was given to the participants.

- **Distribution of Pulse Oxymeters to the Community Health Department of St Stephen's Hospital, New Delhi :** DPSRU collaborated with Community Health Department of St. Stephen's Hospital (CHD-SSH) Sunder Nagari, which cater the health care needs of the poorest of the poor, organized community outreach activities in the slums of Sunder Nagri. On behalf of Community Health Facility ten pulse oxymeters were distributed to Community Health Department of St Stephen's Hospital (CHD-SSH). The pulse oxymeters were handed over to Dr. Vinita Gupta, Sr.GDMO, Community Health Department, St Stephen's Hospital by Dr. Jaseela Majeed, Head, SAHSM on 10th October 2021.
- **Community Outreach activities in Collaboration with Community Health Department of St. Stephen's Hospital (CHD-SSH), Sunder Nagri, Delhi:** Organized community outreach activities in collaboration with Community Health Department of St. Stephen's Hospital, in the month of October- November 2021.The Community Health Department is located about 16 kms away from the main hospital of St Stephens in a slum and resettlement colony in North East Delhi one of the most disadvantaged areas in the national capital of Delhi. The outreach activities were part of internship of MPH students at Community Health Department of St Stephens Hospital.
- **Collaboration with NCDC to Promote Academic and Research Activities in Public Health Education:** Memorandum of Understanding (MOU) was signed with National Centre for Disease Control (NCDC) Ministry of Health and Family Welfare, Govt. of India on 24th February 2022. The MOU affirm long-standing partnership between the organizations to collaborate in academics and scientific research activities in the areas of Public Health, Disease surveillance and Antimicrobial resistance Monitoring. Both the organizations have a common purpose in the development and dissemination of knowledge and the provision of service to their respective communities.
- **National Deworming Day:** In collaboration with Community Health Department (CHD) of St. Stephen Hospital, Delhi has celebrated the National Deworming Day on 10th February 2022 to make people aware of the importance of deworming in the slums of Sunder Nagri. Community Health Facility donated 100 Albendazole Tablets and 50 syrups to the Community health Department of St. Stephen Hospital.
- **World Tuberculosis Day:** The World Tuberculosis Day was observed on 24th March 2022 to raise public awareness about devastating health, social and economic consequences of TB. A string of activities were organized to support the Government's commitment to making India Tuberculosis free by 2025 under the theme 2022 "Invest to End TB. Save Lives".
- **"Open Elective Subjects Sessions":** SAHSM introduced Open Elective subjects in the curriculum of final semesters of MBA in Pharmaceutical Management (MBA-PM), Masters of Hospital Management (MHM) and Masters of Public Health (MPH) as per the approval from Board of studies from 2021. Elective sessions were conducted from 14-21 March 2022. External experts from industry and academia were invited to conduct sessions to provide practical knowledge to the budding professionals along with in-house faculty.

- **Pharmaceutical Brand Fair:** Pharmaceutical Brand Fair activity was organized on 21st March 2022 by Department of Pharmaceutical Management. In brand fair activity, students of Pharmaceutical management planned and presented different product brands under consumer healthcare and prescription medicines segments. The brand fair activity is a part of the course curriculum in MBA – PM wherein students are getting an opportunity to develop and present their product brand positioning which enables them to showcase their creativity and knowledge about pharmaceutical product and brand architecture in context to pharmaceutical business.
- **Guest Lecture Series by Eminent Domain Experts for M.Sc. AIPM:** The School organized Series of six Guest Lectures by various domain experts in Data Science, Machine learning and Artificial Intelligence with diverse horizons from 22–28th, April2022. The expert talk was delivered by Dr. Suresh Chand Raikwar, Assistant Professor, Thapar University, Patiala and Dr. Pankaj. Nanglia, Associate Professor & Deputy Registrar, Maharaja Agrasen University, Baddi, Mr.Manoj Sekar, Team Lead, WIPRO, Chennai, Prof. Sohan Chitlange, Principal, Dr. D YPatil Institute of Pharmaceutical Sciences and Research, Pune, Prof. B. Narasimhan, Department of Pharmaceutical Sciences, MD University, Rohtak. Prof. Ram Sagar, Professor, School of Physical Sciences, Jawaharlal Nehru University.
- **Synopsis Presentation of the proposed research workfor final year MBA-PM, MPH and MPH students**: The synopsis presentation of the proposed research work was conducted on 29th April for MPH and 2nd May for MBA-PM and MHM respectively. The subject experts gave an overview to set the research objectives and frame a systematic methodology for the proposed research work. The synopsis was evaluated by Ms. Reena Bhattacharya, Founder & Strategy Consultant Renuto Consulting Dr. Sakhi John; Assistant Professor, School of Management and Business Studies, Jamia Hamdard and Dr. Abha Mangal; Specialists and Head Community Health Department of St. Stephens Hospital, New Delhi for MBA-PM, MHM and MPH respectively. The synopsis presentations were attended by the respective supervisors as well.

Future Perspectives

- Identified deep engagements with international networks for Advanced Management, which includes eminent business schools around the world.
- Partnership with Global organizations involve in Public health management.
- Collaborations with renowned health care organizations
- Management Development Programs to improve management practices in health and related systems.
- Certificate courses for skill development
- Value added programs

The school of Allied Health Sciences and Management has a well-organized, dynamic, innovative and job-oriented course curriculum offering unique opportunities for inter-professional evidence education and research. Research is an integral part of life and a fully functional Biomedical Research Ethical Committee along with Academic Research Ethics Committee and Department Academic Integrity Panel to monitor and support the research activities, with a focus on multi-disciplinary and interdisciplinary research. The School conducts the necessary faculty and professional development activities and all the faculty participates in Refresher courses and Faculty Development Programs organized at University level and by regulators like AICTE, UGC etc. All the departments of the school regularly conduct symposia, guest lectures

and other academic events for the benefit of faculty and students. To foster research and academic activities, the institution has built collaborations and linkages with many national and international institutions and Universities; namely, the National Center for Disease Control (NCDC), Directorate of Health Services, Govt of NCT of Delhi, Mid Sweden University, Sweden etc. With empathetic and agile management, dedicated faculty, capable support staff, enthusiastic students, School of Allied Health Sciences and Management is marching forward in its dream to achieve the vision and mission of University.

Internships / Training under SAHSM

An integral part of the MBA-PM, MBA-PET, MPH and MHA programs are internship/training, a structured and supervised professional experience with an approved agency from which students receive academic credit. After completing first year of class room learning, students undergo a short term internship for 60 days. The students of MBA-PM, MBA-PET were screened and selected for summer internship by Cognitrex Consultants Pvt Ltd, Corona Remedies Pvt Ltd and Remedo Healthcare for various assignments in the field of market research, digital marketing, operations, sales and marketing.

The final year students of Master in Hospital Management were screened and shortlisted by various renowned hospitals for final internships, including Max Superspecialty Hospital Saket, HAH Centenary Hospital of Hamdard Institute of Medical Sciences and Research, Fortis Escorts Heart Institute and Venkateshwar Hospital Dwarka. The first-year students of Masters in Hospital Administration had undergone summer training at BL Kapur – Max Superspeciality Hospital.

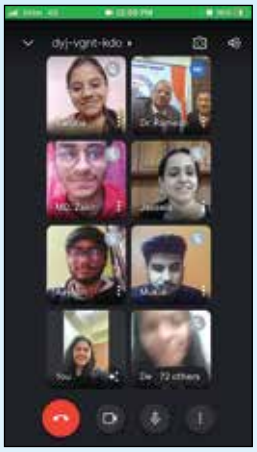
National Health Systems Resource Centre (NHSRC), a technical support Institute with National Health Mission, Ministry of Health, GOI collaborated with School of Allied Health Sciences and Management in strengthening Public health facilities in the country. The final year students of MPH had undergone 4 months internships at NHSRC in the departments of Human resources for Health and Health Policy &Integrated Planning, Public Health Administration, Knowledge management, Healthcare Technology, Community Process and Quality and Patient safety Division. To strengthen Memorandum of Understanding between National Centre for Disease Control (NCDC) and DPSRU, first year students of MPH have undergoing internship in Epidemiology Division of NCDC.

Placements under SAHSM

The School of Allied Health Sciences and Management is in emerging phase identifying the career development prospects of students. All the students have undergone through the vigorous placement processes and were successfully placed in various organizations of repute like Apollo-Indraprasta Hospital, BLK -Max Hospital, Dr Shroff Eye Hospital, Sehgal Neo Hospital, Mamta Foundation, National Center for Disease Control, UNESCO, IQVIA, WNS Global Services, Cognitrex Consultants, ZS Associates, DRG, Eli Lilly and Course 5 Intelligence and few more.

Glimpses of activities of School of Allied Health Sciences & Management.





Inauguration of Community Health Facility



Short term Training Programme at National Centre for Disease Control (NCDC)



Orientation Programme for Undergraduate and Post graduate Programs



Community Outreach activities in Collaboration with Community Health Department of St. Stephen's Hospital



Pharmaceutical Brand Fair



Open Elective Subjects Sessions

SCHOOL OF PHYSIOTHERAPY

Dr. Shilpa Jain & Dr. Parul Sharma

Physiotherapy as a profession has grown by leaps and bounds over last few decades. Physiotherapy practice spans the continuum from health promotion to prevention to rehabilitation for individuals and populations throughout the lifespan. Physiotherapists are health care professionals who optimize quality of life of their patients through structured exercises, hands on treatment and patient education. It can be considered as one of the popular courses in modern medicine worldwide. It has spread its wings in all branches of medical sciences, be it orthopedics, neurology, cardiology, pulmonary conditions, intensive care units, obesity, sports medicine, surgery, medicine, burns, cancer, community health. Physiotherapists provide the initial access into the health care system for persons with impairments and functional limitations amenable to physiotherapy and engage in collegial referral relationships with other health care professionals. School of Physiotherapy was established in the year 2015. The undergraduate program i.e. Bachelor of Physiotherapy that the school offers for four and a half years (4 years + 6 months Internship). Enriched with proficient and dedicated faculty members, School of Physiotherapy is an ideal combination of professional and academic excellence. With state of art Physiotherapy laboratories (Anatomy, Exercise therapy, Electrotherapy, Biomechanics, Neurology) and OPD, the faculty believes the first priority of education is to prepare people for a well-rounded, balanced life with broad social and cultural interests and as involved, active citizens of our country so they strive to provide high quality education to the students with emphasis on student centric learning. School has adopted innovative methods of teaching and learning with aim to achieve excellence by integrating, teaching, learning and research. The school has a well-organized, innovative and job-oriented course curriculum with innovative delivery modes of teaching emphasizing on evidence based practices. The course curriculum has been designed to bridge the skill gap between the industry and the academia to make the student industry ready. The vision and mission of the University has added thrust to areas like research and innovation and the University is on its way to make its presence felt for excellence in professional education. Pediatric Physiotherapy unit has already been established in physiotherapy OPD alongwith advanced equipments to improve motor as well as sensory skills of the differently or especially abled children. The unit aims to treat the children with congenital and acquired disorders. The unit welcomes the habilitation to rehabilitation of the infants, toddlers and children till 10- 12 years of age with all motor, sensory, attention disorders, autism etc. In the OPD various disorders have also been treated like Cerebral Palsy, autism, ADHD, stroke, congenital deformities and many more by increasing in the quality of life of the children as informed by the guardians and still the unit focusing with the same goal to create awareness in parents and independence in such children. Students of second batch have also passed their final examination with flying colors and also pursuing their six months internship from reputed hospitals in Delhi. School of Physiotherapy DPSRU wishes them a good career and practice ahead. From the present session the institute is going to commence its PG program in different specialties. Recently, a new cardio-pulmonary physiotherapy and simulation laboratory has been established in school of Physiotherapy. It houses fully equipped with diagnostic equipment ssuch as blood pressure cuffs and sphygmomanometers &supportive equipments on headwalls like oxygen and air outlets, Pulse Oxymeter, Suction apparatus, nebulizer &expensive Mannikin for CPR training

for the purpose of teaching and research. This simulation laboratory provides guided experiences that are designed to evoke knowledge, clinical skills and behaviours that replicate real world experiences. Students can apply their theoretical knowledge such as manual chest physiotherapy techniques to clear infected mucus from a patient's chest, in carefully created hands-on scenarios that mimic various clinical conditions such as asthma, acute chest infections and trauma, recovery of patients from major cardiac surgeries, chronic cardiac and respiratory conditions like Chronic Obstructive Pulmonary Disease (COPD), chronic bronchitis, cystic fibrosis (CF) and post-myocardial infarction (MI) from premature babies to older adults.

The school of physiotherapy has introduced a two-year MPT (Sports Medicine) degree program. In addition to Sports medicine, MPT in cardio-pulmonary and rehabilitation & MPT in pediatric has also been proposed. This course provides a strong theoretical foundation in vital core and elective subjects together with extensive hands on training on and off the field of sports &also provide unique perspective to students who seek international standards &competency based curriculum including injury prevention, acute intervention, performance enhancement, professionalism & management, research involvement, extending practice through innovation, promotion of anti-doping practice etc. to become a successful sports physiotherapist. Laboratories of our sports medicine program are well equipped and able to conduct a variety of teaching demonstrations and scientific research studies, and has the following sophisticated specialized equipments such as: Isokinetic Dynamometer, Electromyographic measurement system, Cycle ergometer, Skinfold Calipers, Stadiometer and Body Weight Scale, Handgrip Dynamometers, Metronomes. MPT in Sports medicine has explored various career options such as Consultant Physiotherapist in Multi-speciality Hospitals, Health Care Centers, NGOs, Corporate Physiotherapist in MNCs, Health Care Physiotherapy Instructor in Modern Gymnasiums, Ergonomic Care Advisor &individually hired sports physiotherapists by reputed sports association or sports team.

Recently, Our School of Physiotherapy signed Memorandum of Understanding with Aruna Asaf Ali Govt. Hospital, Govind Ballabh Pant Hospital & Special Olympics Bharat (SOB) for providing quality collaborative learning opportunities for the students and promote academic research. The MoUs bridge the gap between the industry and the academia by promoting and supporting teaching, research and community outreach and will be of primary importance in the fulfillment of their mission, goals and objectives of our university.

Our School of Physiotherapy also encourage faculty and students to participate in collaboration with other organizations in carrying out outreach programs including industrial visits & extension activities including health awareness programs for contributing to the holistic development of students and sustained community development.



School of Physiotherapy signed MoU with Govind Ballabh Pant Hospital, New Delhi





Industrial Visit of BPT 4th Semester Students with Faculty Co-ordinators Dr. Parul Sharma & Dr. Ravinder Kumar to Bio Med International Pvt. Ltd., New Delhi



Extension Activity by School of Physiotherapy, BPT 6th semester students with faculty Co-ordinators Dr. Jitender Munjal and Dr. Ravinder Mudgil, placed feeders in Jahanpanah forest, New Delhi

Free Physiotherapy Health Camp was organized by School of Physiotherapy in Physiotherapy OPD, DPSRU









CENTER FOR MEDITATION AND YOGA SCIENCES

Dr. Shilpa Jain, Mr. Amresh Jha & Acharya CP Ray

DILLI KI YOGSHALA

An initiative has been taken up by the Government of Delhi to set up a Dhyan and Yoga Kendra in the State. DPSRU has been entrusted with this work for imparting this science and education in the form of 1 year Diploma Course (3 trimesters, 4 months each) and later as the outreach program to benefit general public of Delhi.

Initially, a special grant of Rupees 2 Crore was released in FY 2020-21 in RE and special grant of Rs. 25 Crores given in the financial year 2021-22. By giving special grant to university, the centre is running the programme under the project mode. A meeting was held with Hon'ble Deputy C.M. in the month of March 2021 with Vice Chancellor and Registrar, DPSRU with the directions to start one main Centre i.e Nodal Centre named as "CENTRE FOR MEDITATION AND YOGA SCIENCES" (CMYS) in DPSRU, where immediately Honorary Director was appointed to carry out administrative coordination, where another twenty one extension centres in different govt. schools of Delhi were allocated and designated. A tentative budget and expenditure for this project was proposed before Hon'ble Deputy C.M through D.T.T.E. and on those lines Centres were started

For smooth functioning of the Nodal Centre and effective monitoring of the extension centres, Sr. Consultant and Consultant were appointed in the month of March, 2021. One year Diploma programme with the provision of exit option after 1st trimester (three months), was executed in the month of April 2021, where curriculum was designed after the procedural approval by Board of Studies, Academic Council, followed by Hon'ble Board of Governors.

On the Eve of International Yoga Day, 20th June 2021, Centre for Meditation and Yoga Sciences was inaugurated by Hon'ble Chief Minister. Another meeting was held on 12th November 2021 with Deputy C.M with Vice Chancellor, Registrar along with Faculty in charges and it was decided to impart the free yoga classes to the public of Delhi on demand having minimum of 25 persons in a group, after registration in the program named Dilli Ki Yogshala.

Accordingly, Dilli ki Yogshala programme was launched with the release of missed call number along with award distribution to the 5 toppers of 1st batch of Diploma in Meditation and Yoga Sciences, on 13th December 2021 by Shri. Arvind Kejriwal, Hon'ble C.M., Delhi. Ms. Ritika Butar topped all over the state in the examination of 1st trimester. The Chief Minister also announced for providing the free





yoga classes to the public of Delhi by Centre for Meditation and Yoga Sciences. After the announcement made by Delhi C.M, thousands of Missed calls were received from all over the country and initially it started functioning at hundreds of places at different locations of Delhi.

On 1st January 2022, Hon'ble Deputy CM addressed the gathering of newly appointed field yoga instructors who were engaged to provide Yoga practiced to a group of 25 persons after the launching of missed call movement of Dilli Ki Yogshala. The field instructors very happily shared their experiences of this one of its types ever happening new program. They all were motivated by Hon'ble Dy. CM for contributing in the noble cause of Dilli ki Yogshala, working both in the health and education sector.

After the announcement of free Yoga classes just on a missed call to the assigned number. Delhi Govt. also announced free online Yoga classes to home isolated patients who suffered during the return of wave of COVID-19 pandemic in January' 2022.





Certificate Distribution Program on Annual Day

Certificate Distribution Program on Annual Day

The annual day of the university was celebrated in Center for Meditation and Yoga Sciences on 1st Feb' 2022 by distributing certificated to the students who completed their 1st trimester successfully. On this occasion Dr. Shilpa Jain, Prof. Geeta Aggarwal, Prof. Rajiv







Tonk, Dr. O.P. Shukla and Prof. Ramesh K. Goyal were present who blessed the students and students also felt very motivated.

Research at Dilli ki Yogshala shows Effectiveness of online Yoga Classes to Covid Patients

After the announcement of Hon'ble CM, Delhi, for providing online yoga practices/ classes to the Covid patients by Dilli ki Yogshala under the umbrella of DPSR University. A research was conducted to investigate the effect of free online yoga classes on self home isolated Covid- 19 subjects. It was an open labeled non randomized study approved by Human ethics committee of university and registered under CTRI of ICMR. Prof. Ramesh K. Goyal, VC, DPSRU took the initiative for carying out such research where 4625 patients who took online yoga classes 465 gave their consent for participated in the study.

Most of the patients were between 30 to 70 years. 92.3% patients showed improvement in overall symptoms but it was interesting to note that the improvement in breathlessness was little lower. Majority of patients showed improvements within 5 to 7 days. Only 21% patients were taking drugs for Covid during this period. Only 26.2% patients were vaccinated. The improvement was seen in getting relief from cough, cold, body ache, sleep disorders, breathlessness etc. It is planned that the study will be extended to find out the prevalence of post covid complications and effect of yoga classes. The trend in post covid complications and their association with dietary supplements being taken by the patients as compared to yoga classes will also be investigated. Overall Yoga classes are the seeds to the upcoming revolution in the integrated interventions and must be adopted at initial stages, specifically in covid patients. So far, 465 camps have been organized and 16525 subjects are being benefitted.

DPSRU-WORLD CLASS SKILL CENTRE

Dr. Madhu Gupta

Skill development has been considered one of the critical aspects for job creation. As per current statistics only 10% of the fresh graduates are employable and rest of the 90% lack skills required for eligible to be hired by corporate. The Government of Delhi has taken out several plans for skill development. The skill development training is important to enhance all-round expertise of the people. Skills and knowledge are the driving forces of economic growth and social development of any country. Countries with higher and better levels of skills adjust more effectively to the challenges and opportunities of globalization.

Government of NCT, Delhi initiated the development of an ambitious project through "World Class Skill Centre (WCSC)" in Delhi to address the shortage of skilled manpower. Delhi Pharmaceutical Sciences and Research University (DPSRU) has also given importance to skill development, and started various courses under Health and Wellness sector to fulfill its objective and create the skilled people that is the valued assets to the country. DPSRU-WCSC centre provided better levels of skills that might be adjusted more effectively to the challenges and opportunities of globalization in terms of various types of certificates courses that are multi-disciplinary course in their respective field.

1. Medicine Management
2. Beauty Wellness Consultant
3. Sports Assessment & Yoga Application

The courses offered by the DPSRU-WCSC centre evolved as per the requirements of the industry and fitted with recent facilities and full-fill the market demand. The adopted methodology was self-reliant learning with a focus on peer learning. The course was conducted in the English language. Assistance was provided to all trainees for placement in respective sector and start-ups for gainful employment. The infrastructures present in DPSRU-WCSC centre is based on the pattern of recent concepts "A Global Leader for Innovations in Technical Education" that based on a holistic "Hands-on, Minds-on, Hearts-on". The centre equipped with the latest projectors smart classroom, high-level experimental labs with the latest Training and research equipment and much more mandatory to meet the environment and to achieve their best.

Medicine Management

The Certificate course in Medicine Management for DPSRU-WCSC centre under "Health and Wellness Sector" is the very unique type of course. This program is multidisciplinary and aimed at training candidates for the job of "Medicine Management" it is the link between all healthcare workers as patient, doctor, and medicine experts. This course provides the knowledge and an understanding of what medicines are, what governs their use, legal responsibilities when dealing with medicines for particular disease, Guidance









for Medicine's Management and Handling, Safe Administration of Medicines and their Safeguarding.

Sports Assessment & Yoga Application

The course is designed to provide high-quality education and prepare sports experts to satisfy the needs and expectations of the sports industry through various technological tools. The certificate in Sports Assessment and Yoga Application is designed to make students adopt knowledge and practices to lead a healthy life and promote to maintain healthy practices. They will also be acquainted with the knowledge of basic nutrition and nutrition in sports & exercise with other related aspects important to sportspersons. They will be able to apply this knowledge of nutrition in day-to-day life and in sports and training.

The students will also acquire knowledge and understanding of YOGA, which will make them proficient in the knowledge, skill and practice of yoga along with the tactical efficiency, rules of the game and training related to yoga, officiating and coaching. This knowledge of yoga combined with the sports will give them a new and practical approach to apply yoga in sports.

DPSRU-WCSC centre was inaugurated by eminent dignitary as our chief guest Hon'ble Dy. CM Sh. Manish Sisodia ji on dated 13th Aug 2019. DPSRU-WCSC welcomed the trainers by organizing orientation program on 28th Jan 2022 for the present academic session. A total no. of 30 students are enrolled for the Medicine management and Sports Assessment and Yoga Application course. In the present academic session, beauty Wellness consultant courses were not started.

As the journey began, there were many activities conducted to meet the learning objectives and making the trainees proficient of Sports Assessment and Yoga Application as well as Medicine Management, the students of both courses were introduced with the research lab, practical training exposure, extension activity, expert talk, personality development class, hands on workshop, field visits.

The students were getting exposure to human performance laboratory included with exceptional body composition machines, Trade mill, free weights equipment, lung performance testing machines, electro-myography machines, OPD, Pharmacy stores, hospitals, Anatomy and physiology lab, simulation lab etc. They progressed with getting acclimatised to the designed course for better outcomes The trainees learned to document the content of the learned activity digitally.

Glimpses of Human Performance Lab Room




Glimpses of Bio-Mechanics Lab





The Sports activities and health care were held during where they not only learned the rules and regulation along with the amount of efforts need to put to achieve the medals at certain point. In one semester, all trainees have been gaining the knowledge with fruitful activities.

The students of medicine management course will know how to manage the medicines of an individual in a care setting takes patience, precision and practice as well as to consider the primary focus of delivering better care, continuously improving the training and knowledge.

The medicine management course is a essential toolkit designed to help to stay up to date on the guidelines and procedures of medicine management in a care setting, how to properly store and administer medicine, safeguarding the patients in your care and how to handle the critical scenarios. The Certificate in Sports Assessment and Yoga Application is continually trying to make students adopt knowledge and practices to lead a healthy life and promote and maintain healthy practices and assist the practices of preventive medicine.

EXTENSION ACTIVITIES - WCSC

Extension activity visit of medicine management students were held on 26/05/2022. The visit started from 10.00 onwards, priveously with neiborhood locality of DPSRU university, Khanpur, New Delhi. After that students visited pharmacy shops of Saket, near to Max Hospital. Here they interact with the professional pharmacist asking about medicines and their storage. Indeed, to monitor the patient counseling so that they can learn how to undertake responsibility in pharmacy so assigned.

Now a days, retail pharmacy dispenses different brands as well as readymade drug formulation in the market. However, the student knows the different dosage forms of drug but in visit they got opportunity to handle, feel and see the different dosage forms at one place i.e. in retail pharmacy.

Moreover, whole day students visited different retail pharmacy shops. During this period students interact with professional pharmacist and explore their learning. Basically, students understand the basic concept of over the counter (OTC) drugs, here they dispense each and every medicine against the prescription given by registered medical practitioner.

Over all, students learn basic requirements and management in Pharmacy stores and enhance their knowledge in this extension activity program.

Glimpses of Extension Visits

1. **Super Help Pharmacy, Opp Max Hospital Saket**





2. Life care Pharmacy, Opp Max Hospital Saket





3. Shifa Medicos, Opp Max Hospital Saket





4. Extension visit of Sports Assesement and Yoga Application students to DACATHLON, Andrews Ganj.

The visit started from 10.00 onwards in Decathlon on 26.05.2022.

Decathlon, the one stop shop for all sports goods! Decathlon brings the joy of sports to people across the world by developing innovative and affordably priced sportswear and sports equipment products. It definitely is the mother of all sports outlets. The unique business model of Decathlon with its own private labels, R&D unit, supply chain, and sales channels has enabled the company to evade middlemen and distributors.

Promoting Sports Accessibility

The unique business model of Decathlon with its own private labels, R&D unit, supply chain, and sales channels has enabled the company to evade middlemen and distributors. why decathlon is a place for all sports need and requirements.

Easy accessibility

Decathlon stores are available in almost all parts of India making it very accessible providing Innovative range of sports equipment products. They provide a wide range of products aiming at beginners and experts of all sports, available exclusively at the Decathlon stores.For all shapes and sizes. Here all size are available and there for more satisfied customers, affordably priced products.

Decathlon is famous for its great quality

goods sold at extremely reasonable prices. The product price starts from lesser range which truly making it the store for all. Well informed and helpful customer service. When the Costumer shop for sports and fitness gears, especially as a beginner, it is likely that he may be misinformed about the products and which product caters best for his needs. This is when the well-informed staffs rise to the occasion to curb any confusion about the products.



Michel Leclercq (born 1938/39) is a French billionaire businessman. He is the founder and 40% owner of Decathlon. With over 1647 stores in 57 countries and regions (Jan 2020), it is the largest sporting goods retailer in the world. Decathlon is famous for its great quality goods sold at extremely reasonable prices.

Decathlon has a unique business model – they design, test, manufacture, and retail their own brands. Their research and development team employs 700 people who work meticulously.

At present, they have just under 30 private labels – each dedicated to one sport or physical activity. These passion brands have their own identity in the market. For example, Quechua is their hiking, camping, and outdoor gear brand. The Kalenji range is designed for running and Wed'Ze is for skiing enthusiasts.

The visit will enlighten the students' vision and visualization for becoming future entrepreneurs in the field of sports industry

Sports Equipments











ACADEMY OF SPORTS SCIENCES RESEARCH & MANAGEMENT

Mr. Anshul Bagai & Ms. Sonia

Here at ASSRM, teaching and learning is a collaborative effort. As a team, we strive to bring together students and staff into one community. That includes academic development, research-informed teaching, learning technologies, and learning services in our learning process.

We have one goal: to provide comprehensive, advanced, and intellectually stimulating teaching. We strive to provide learning to the students, allowing them to become highly-employable and confident graduates who can move forward and do wonderful things in life.

Course Offered

B.Sc. (Hon.) Sports Science

B.Sc. Sports Science (Hons.) is an undergraduate course offering varied sports disciplines focusing on different branches of sports and sciences like physiology, psychology, biomechanics, and nutrition with management skills to serve across the sports industry.

M.Sc. Sports Science

M.Sc. Sports Science is a postgraduate course offering varied sports disciplines focusing on different branches of sports sciences like Sport Physiology, Sports Psychology, Sports Biomechanics, and Sports Nutrition with management skills to serve across the sports industry.

Ph.D. in Sports Sciences & Physical Education

Doctor of Philosophy (Ph.D.) is an offered Full-time three/six-year Doctoral program and it is offered by Academy of Sports Sciences Research & Management, Delhi. Ph.D. program shall be for a minimum duration of three years, including coursework and a maximum of six years. Extension beyond the above limits will be governed by the relevant clauses as stipulated in the Statute/Ordinance of the individual Institution concerned.

INFRASTRUCTURE AT ASSRM

The infrastructure of the school 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.

BIOMECHANICS LAB



HUMAN PERFORMANCE LAB



COMPUTER LAB



LIBRARY



YOGA STUDIO



ANTHROPOMETRIC TOOL



ALUMNI FORUM

Prof. Sharad R. Wakode, Mrs. Manju Vyas & Dr. Sachin Kumar

Alumni Meet - Student Felicitation

Recently, results of the Graduate Pharmacy Aptitude Test (GPAT)-2022 were declared. Every year, lakhs of final year students of B Pharm from thousands of colleges and universities across India appear for the GPAT. This year students appeared for the GPAT from all over India. Battering its last year's performance, this year 67 students qualified the GPAT-2022 along with all India ranking (AIR)-1 secured by Mr Manoj Vishwakarma, a B Pharm final year student of DPSRU.

On May 31st, the university organized an alumni meet-student felicitation program to facilitate its students who excel in academics and qualified the prestigious GPAT. Distinguished alumni such as Mr Rajiv Gulati (Ex. President, Ranbaxy Laboratories) as Chief Guest, Prof. Sandhya Bawa (Professor, Jamia Hamdard, Delhi), Mr Ashish Das Gupta, Mr Surendra Kamal and others interacted with the students and presented their views on prospects of the pharmacy profession. The alumni also informed the students about the opportunities available to them in the pharma sector and other allied sectors of healthcare.

Shri Ajay Dutt, Member of Delhi Legislative Assembly from Ambedkar Nagar constituency was also invited as the Guest-of-honour. He talked about the untiring support of the Govt. of the NCT of Delhi and the Lieutenant Governor of Delhi for university in the form of Grants and various upcoming courses such as BSc (Nursing), and BSc (Biomedical Sciences). He also promised the support of the Govt. Hospital, Ambedkar Nagar for the smooth conduction of the courses.

Prof. Ramesh K. Goyal, Vice-chancellor, DPSRU give away medals and prizes to the academic achievers, GPAT qualifiers, and street-play winners on the occasion. He also shared the vision of the university in providing a quality workforce and leaders in the healthcare industries including manufacturing, clinical research, diagnosis, healthcare services, etc.

The Dean, Academics, DPSRU, Prof. Geeta Aggarwal talked about the grants secured by the faculties of the university from various funding agencies such as DBT, DST, ICMR, Ministry of Ayush, etc.

Prof. Rajiv K. Tonk, Dean of Students Welfare, DPSRU shared the information on students' participation and securing positions in several state/national/international level sports and cultural activities.















Alumni Talk – SAHSM

- A virtual talk on "Journey and learnings at NIPER, Mohali – An Alumni Talk was organised by the School on 25.06.2021 for the students of MBA- Pharmaceutical management. The session was aimed to connect the students of MBA-PM with the alumni of DPSRU who have completed Pharm MBA at NIPER, Mohali.
- The speakers of the vibrant session were Ms. Ashi Siddiqui, Ms. Archana Arya and Ms. Anushree Mukherjee alumni of 2015 BPharm batch of DPSRU. The session was initiated with welcome address by Dr. Jaseela Majeed followed with opening notes by Dr. Abhishek Dadhich. Ms. Rakhi Ahuja briefed the training and placement activities in the University.
- During their talk each one of the speakers took the students through their journey at NIPER and their learnings from their internships. All the speakers guided the students about various skills that are required to enter the Pharmaceutical industry and required soft skills and techniques along with the academic knowledge to crack the interview. There was an interactive and Q&A round where all three speakers whole heartedly cleared the doubts and apprehensions of the students. They also reiterated how DPSRU has given them a strong base to move ahead in their career and be at par with others in this competitive world. The programme was organized by Dr. Jaseela Majeed along with student coordinater Ms. Shruti Dhalla. The session was enriching and resourceful for the students and provided a platform to learn and connect.
- An online talk on "Industry Insights- Alumni Talk" was also on 10 July 2021, for the MBA-PM students. The program started with the invocation by Dr. Abhishek Dadhich and a welcome address by Ms. Rakhi Ahuja. The alumni who joined were Mr. Nitesh Gunjan (2017 Batch), Mr. Nikhil Varshney (2018 batch), Mr. Prabhsimran Singh (2019 batch) of MBA-PM.
- All the 3 speakers gave a deep understanding regarding the gaps in the

pharmaceutical industry and their journey from University into the dynamic pharma industry profession. Their insights gave the students a clear picture of the road ahead and a deep dive into the implications of the industry. All the speakers shared their journeys of their transformations with students .The session was followed by an interaction round where all the alumni connected with the students on a personal level and cleared every doubt with lot of patience. They provided with bird's eye view of the industry and also detailed the students with the prevalent skills and expectations of the industry from the freshers. The virtual meet helped the students to connect with their seniors and learn from their first hand industry experiences. It was a very informative and insightful session that motivated and energised the students for their future endeavours and gave them a glimpse of the professional life. Alongside it also connected the alumni with their alma mater that filled them with nostalgia and build a strong alumni community. The programme was organized by Dr. Jaseela Majeed along with student coordinater Ms. Shruti Dhalla.



EXTRA-CURRICULAR ACTIVITIES

Prof. Richa Rai & Dr. Sheetal Kalara

Celebrating 1st Research Promotion Award Ceremony

DPSR University organized the First Research Promotion Awards program on April 5. The program started with the welcome address of Prof. P. K. Sahoo followed by Dr Sushama Talegaonkar who gave introduction about the strategies involved in finalizing the recipients of Awards. The Chief Guest, Prof. Arun K Agarwal, Former Dean, MAMC and Guest of Honour Shri Naresh Kumar, DIG, BSF graced the occasion and emphasized on maintaining a balance between IP protection and public disclosure of science research.Sh. Naresh Kumar congratulated all the awardees and praised the step to organize the Research Promotion award Function. While addressing the event, Prof. Ramesh K Goyal delivered a lecture on different aspects of research and through the "Sanskrit shlokas" to describe what research should be and explained the best practices and research methodologies that should be used by the researchers.

"अनेकसंशयोचछरि, परोक्षारथस्यदर्शकम्र।

सर्वस्यलोचनंशास्त्र, यस्यनास्त्यंधएवसः।"

"This means "It blasts many doubts.It foresees what is not obvious. It is the Literature of the eye of everyone, One who hasn't got it is like a blind"

"शोध-विवादाय, पत्रममदाय,
शक्तिशोधाय-परपीड़ाहरनाय,

यशस्वीगुरुवराय , विश्वविद्यालयलाभाय,
परोक्षारथस्यदर्शनाय"

"The award categories conferred were Notable Research Award, Distinguished Research Award, Outstanding Research Award, and Research Innovation Award. The awards recognized and honored distinguished researchers for having impactful contributions in their research area. The selections for the awards were based on an in-depth analysis of the published high-impact factor of the research/ review publications in 2021.

Notable Research Awards were presented to the researchers who had published papers with Clarivate analysis impact factor 3 to 5. Also, Distinguished Research Award was awarded to the researchers whose paper got published with Clarivate analysis impact factor 5–10. Outstanding Research Award was awarded to honor the academicians who have published research papers with Clarivate analysis impact factor 10 – 15. Research Innovation Award was awarded to the inventor for recognition and promotion of IPR.

Research Promotion Awards Committee and Student Volunteers





Unveiling of the Research Promotion Award Abstract Book

Awards were given to faculty and their coauthors alongwith the students and research scholars of DPSRU. The awardees were Prof. Sharad Wakode, Dr Sushama Talegaonkar and Prof. Deepti Pandita who were conferred the Distinguished Research Awards, alongwith Research Scholars Ms Neha Kumari, Mr. Mrityunjay Singh, Mr. Nazeer Hasan, Mr. Kushagra Khanna. The Research Innovation Award was given to Dr. Meenakshi K. Chauhan, with Mr Pankaj Sharma.

The Notable Research Awards were awarded to Prof. Ramesh K Goyal, Prof Wakode, Prof. Rajiv K. Tonk, Prof. Geeta Aggarwal, Prof Deepti Pandita, Dr. Meenakshi Chauhan, Dr. Jaseela Majeed, Dr. Prabodh Chander Sharma, Dr Gaurav Jain, Dr Mahaveer Dhobi, Dr. Sheetal Kalra, Dr. Puneeta Ajmera, Dr Varsha Chorsiya, Dr. Anoop Kumar and Dr Foziyah Zakir, alongwith Ms Lovika Mittal, Mr Pankaj Masyuni, Dr Nitin Yadav, Mr Gaurav, Ms Nisha, Ms. Supriya.

Some surprise awards were also conferred by the Registrar and Hon'ble Vice Chancellor to Dr Geeta Aggarwal, Dr Mukesh Nandave, Dr Meenakshi Chauhan and Dr Madhu Gupta for their Outstanding Contribution to DPSRU in Research Promotion. Our faculty have come in the World's Top 2% most cited Stanford University List from DPSRU; Prof Ramesh K Goyal, Prof Deepti Pandita, Dr Prabodh C Sharma and Dr Sushama Talegaonkar. The External Jury members Prof Ruchika Malhotra from Delhi Technological University and Prof. C.R.Patil were also acknowledged for all their time and contribution. Dr. Suraj Pal Verma was felicitated for his untiring efforts for the compilation of Abstract Book. Mr Vishal Shokeen has bagged several awards at National Shooting Championships was also felicitated for his achievements.

In addition, various non-teaching staffs were also felicitated with awards to honour their hard work for supporting the research fraternity: which included Mr Ramji Lal, Mr Mann Singh, Mr. Denesh, MrDevender and MrAvinash Bansal.

The function was coordinated by Prof. Rajiv K Tonk, Prof. Richa H Rai and Dr Sushama Talegaonkar with Prof. Geeta Aggarwal, Prof. P.K. Sahoo, Prof. Ajay Sharma, Prof. Wakode, Dr Saurabh Dahiya, Dr Prabodh, Dr Bharti, Dr Priti Jain, Dr J. Swaminathan, Dr Madhu Gupta, Dr Ajit Thakur, Dr Surajpal Verma, Dr Abhishek Dadhich, Dr Sahil Mehta, Dr Rakhi Ahuja, Dr Sakshi, Dr Parul, Dr Sapna, Dr Sharmishtha, Dr Foziyah, Mr Rakesh Chhabra, Mr Rajesh Rawal, Mr Aditya Kaushik, Mr Krishan Kumar, Ms JyotiBaisla, and Mr Nishant Kaushik, as committee members. Prof. Rajiv K. Tonk ended his vote of thanks with a mesmerizing quote:

"कौन कहता है की असफलता मिली तो मैं रुक जाऊँगा

मै तो डीपीएसरु का शोधकर्ता हूँ,
उस पर भी एक नया शोध कर जाऊँगा !!"

Celebrating National Science Day 2022

DPSRU celebrated National Science Day also commemorating Azadi Ka Amrit Mahotsav, on 28th February 2022. This day is celebrated each year to mark 'the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928'. The theme for NSD of the year 2022 was 'Integrated Approach in S&T for Sustainable Future.

The program was graced by the presence of the expert Dr P.L. Sahu, Director &CEO at National Dope Testing Laboratory (NDTL) Government of India. Sir abreasted the upcoming and budding scientists, the Post Graduate and PhD students of DIPSAR and DPSRU, on the various prospects of Science and Sports and Biochemistry, Biotechnology and Pharmaceutics which still lay unexplored. A strength of almost 200 audience including faculty and students gave a patient listening to his profound words and was followed by a very informative and inquisitive question and answer session. The program began with

a warm welcome extended by Dr Sushma Talegaonkar, followed by the words of motivation from Prof. Geeta Aggarwal , Dean Academics, Prof. Rajiv K. Tonk, Dean Students' Welfare, Prof. P.K. Sahoo, Dean Research and Innovation and Director DIPSAR. Hon'ble Vice Chancellor Prof Ramesh K Goyal enlighted the audience with his immense knowledge on the upcoming areas in Pharma, Sports Sciences, Physiotherapy and Allied Health and stressed on adapting an integrated approach to address and encompass the issues of the health industry. Sir felicitated Dr Sushma Talegaonkar for her untiring efforts to initiate the research program scheme for providing incentives on the occasion of National Science Day every year. It was a touching moment when Prof C.R.Patil, who worked with us for past 2 years effortlessly introducing several academic reforms in the PhD program was honoured and bid farewell by Prof. Goyal. This was followed by Vote of thanks by Prof Richa H Rai and National Anthem. The program was well executed by the spectacular arrangements done by Students from Aakriti, Malang, Verve, Paridrishya and M Pharm 3rd sem. Everyone the enjoyed the Refreshments before they dispersed for the day which was no less than any other festival one celebrates in India for all.





Celebrating World Environment Day

DPSRU celebrated World Environment Day on the 5thof June 2022, to instil the responsibility amongst the students towards the planet. This event was also celebrated to commemorate Azadi Ka Amrit Mahotsav. Dean Students' welfare, Prof Rajiv K tonk and Prof Richa H Rai Extra-curricular Incharge along with the Fitoor society of DPSRU along with several other students under the guidance of Honourable VC Prof Ramesh K Goyal celebrated the event. The students and faculty planted several herbal and cosmetic plants and trees in the premises near them and also tried to capture the same in videos and photos. Some of the good videos were shared by them as the University declared the event. It was then converted into a common video and was shared on several social platforms. The students of Fitoor also enacted a simple but impactful and impressive story to make each one aware of the collective and transformative action required to save, celebrate, protect and restore our planet. Sumaiya and Deepshikha from Fitoor coordinated the event.

The video sends a highly impressive message supporting the 2022 World Environment Day campaign #OnlyOneEarth. It is a privilege to watch the video on DPSRU official website and YouTube Channel https://youtu.be/lDTuCbO1A_E

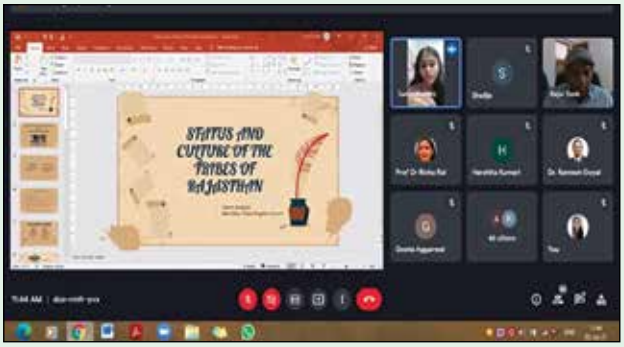


Few glimpse of the videos:





Awareness Session on Tribes of India with Think India: Tribal Rights Forum



The DPSRU/DIPSAR literary Society: Verve conducted this self inspiring and thought-provoking awareness program in association with Think India and Tribal Rights Forum on the 5th July 2021. The enterprising members of Tribal Rights Forum are the students of The Indian Institute of Science, IIM Bangalore. They facilitate the upliftment of the tribes of India and in a minuscule of time since the inception of this forum, have conducted series of events and activities to meet the Philanthropic objective.

This forum associated with Think India wants to recruit best talent and infuse the "Nation First" attitude and through various forums deal with specific issues of the various communities of the society, want youth to be proactive and help in improvising the situation.

The Speaker, Ms Tanvi Jhalani, currently a law student spoke on "The status and culture of the Tribes of Rajasthan" under the Project Eklavya. She elaborated on The Indian Concept of Tribes, the origin, what development means for them including legal provisions in Forest Rights Act and the Constitution of India.



The program started with a welcome note by Prof Richa H Rai, followed by inspiring words from Dean Academics Prof Geeta Aggarwal and a knowledgeable brief on Tribes of India and thought-provoking ideas pronounced by Honourable VC sir, Prof Ramesh K Goyal. At the end Prof Rajiv K Tonk, Dean Students' Welfare applauded the efforts on the well conducted session, thanked the speaker and enthralled us all with his words of wisdom and Vote of thanks. There was an overwhelming response from the students to reach an approx. of 100 participants at a point of time. Avantika, Shailja and Amar Singh, B Pharma Students helped in organising and conducting the session well along with Dean Students' Welfare Office: Prof Rajiv K tonk and Prof Richa H Rai. Students who participated sent exciting positive feedbacks and were also certified by Think India. The session concluded with a great carry home message by Prof Rajiv K Tonk-

"ट्राइब्स की बस्ती से भी निकलती हैं हस्तियाँ,
जैसे लहरों से टकराकर जहाज बनती हैं कश्तियाँ"

Physiotherapy Awareness Session at St. Mary's School Dwarka

To mark the occasion of World Hypertension Day, and to spread awareness about Physiotherapy in the schools and community at large, Professor Richa Rai from School of Physiotherapy conducted an awareness session at St. Mary's School Dwarka on 18th May 2022 amongst the faculty and the students.

More than 50 participants attended the valuable session which abreasted them on the role of Physiotherapeutic Exercises during Hypertension and also, it's preventive measures at large. The event was concluded by a vote of thanks by Ms Reena Khurana the faculty coordinator on behalf of the principal Ms Sheelu Mathew and Vice principal Ms Seema Bali.



Perfect Health Mela 2021

Delhi Pharmaceutical Sciences and Research University participated in Dr KK's Heart Care Foundation of India's flagship event the 28th Perfect Health Mela on virtual platform, the focus of which was "One Health during the Pandemic Times".

The inter-college event witnessed participation of students from all walks of life in November 2021 on digital platform. Entries were called from each School/college for Yoga, Debate, Singing, Qawwali, Dance, Mono act, Fashion show, Painting and Slogan Writing competitions and many others. Like every year this year too DPSRU bagged several prizes and the students have made us proud. Mr Harsh Sharma from BPH won First Prize in Debate followed by Anandita Nair (BPH) as first runner up and Bhavya Sati (BPH) as second runner up. In Monoact competition first position was held by Ms Deepshikha from BPT. Ms Tanisha from BPH bagged the 3rd prize in Solo Dance and Ms Riya Tickoo from BPH won the same in Solo Western Singing. DPSRU extends its heartiest wishes to all the winners and the participants.

Earth Day Campaign

Earth Day campaign was organized on 22th April, 2022 at DPSRU. A campaign drive was organized on the theme "Phasing out Single use Plastic" to make everyone aware and accountable towards the environmental protection and to prevent the usage of plastics in their daily routine lifestyle. The campaign began with welcoming and addressing the guests and high dignitaries, followed by an interactive awareness programme for the students and the faculty members to make them aware about the healthy and sustainable livelihood with prevention of natural resources and energies, The program was followed by the planting saplings activity in the presence of Dr P.K Sahoo (Director, DIPSAR) , Dr. Rajiv Tonk (Dean student welfare), Dr. Abhishek Dadhich (Programme Coordinator; Earth Day), Dr. Prabodh Sharma (NSS Programme Coordinator) and Dr. Sahil Kumar (NSS Programme Officer). Healthy breakfast (sprouts salad) was also, distributed among the students and the faculty members. Many other professors graced the occasion with their valuable and prestigious presence and also addressed the students with their ideologies and thoughts and also enlightened them with their knowledgeable words. Students and

faculty members volunteered to participate in the task of generosity by keeping bird feeder and water on the rooftops and near the DPSRU building. Parallelly other enthralling competition like Rangoli competition, Painting competition [The Nature Landscape]and Art-Craft competition [Best out of waste] were organized for the students of the institution, along with that "No car day" was observed in the premises of DPSRU. The winners of the respective competition were felicitated with the certificate of appreciation by the respective judges.





Overall, the event was a success, with the guidance and utmost support of the Hon'ble Vice-Chancellor sir, Registrar sir, Directors of SPS, DPSRU and DIPSAR, Deans of Academics and Student Welfare (DPSRU). Special extends and gratitude to the other staff members; Mr. Chhabra and Mr. Kishan for their appreciable efforts in making the event successful.

On the occasion of the Earth Day, an array of creative activities were also organized in Academy Of Sports Science, Research And Management (DPSRU) with a view to sensitize the Students about the conservation of natural resources and to motivate them to do their bit towards making their planet even more beautiful.

The theme of The Earth Day was "THINK GREEN'.

The program was started at around 12 pm afternoon with the "Tree Plantation" done by Dr. A.K. Uppal (Academic advisor and senior professor) followed by Dr. Gagandeep Kaur (Head of Examination, ASSRM) and other faculty members and students of ASSRM.

After tree plantation we had poster making competition among students. With full enthusiasm and cooperation students as well as teachers participated. This Earth Day we experienced a cultural shift. We have entered into a new phase of progress, A new barometer of sustainability requirements, and a new chapter of activism. We must continue this momentum.

Few more glimpses:






World Malaria Day Celebration in Collaboration with South Delhi Municipal Corporation (SDMC)

World Malaria Day was celebrated and organized by the NSS cell of DPSRU on 25th April in with great zeal. To mark this occasion many enthralling competitions like poster making and slogan writing competition were organized for the students of DPSRU and simultaneously the mosquito repellant spraying drive was performed and was co-ordinated by the student welfare office. An awareness campaign was also planned and successfully executed for school children about prophylaxis, prevention and treatment of malaria by visiting the schools of NCT of Delhi by NSS Volunteers of DPSRU. An interactive session based on the respective theme was arranged for the students and for the faculty members in the premises of DPSRU campus. The session started in welcoming the guests and high dignitaries and in seeking the gracious blessings of goddess saraswati, followed by the university "Kulgeet" and lamp lightening, after which the gathering was addressed with the welcome message by Dr. Prabodh Sharma. Prof Ramesh K. Goyal Prof. Rajiv Tonk; Prof. Geeta Aggarwal graced the occasion with their valuable and prestigious presence and also addressed the gathering with their ideologies and thoughts, proceeding by which the guests and experts invited from the Public Health Department, south- zone municipal cooperation [SDMC] Dr. Prithvi Raj Singh [Zonal entomologist] , Mr.Subash Kumar [Health inspector] and Mr. Sanjay enlightened us all with the treatment and prevention of malaria and they also spread awareness about the preventive measures one can individually

take in their neighborhood and locality. They presented very descriptive illustrations and demonstrations about the prognosis of malaria using the mosquito's models. It was indeed a very informative and knowledgeable session with them. The session became more informative as they also shared their practical knowledge and their research experience about the same; at last the esteemed guests along with other higher dignitaries felicitated the student coordinators and the winners of poster and slogan competition respectively. Summing up with, Dr. Sahil Kumar expressed his gratitude and the session was further concluded with the national anthem. The session was overall a successful event with the guidance and utmost support of the Prof Ramesh K Goyal, and the appreciable efforts of the NSS cell of DPSRU.



Virtual Investors Awareness Program Sessions

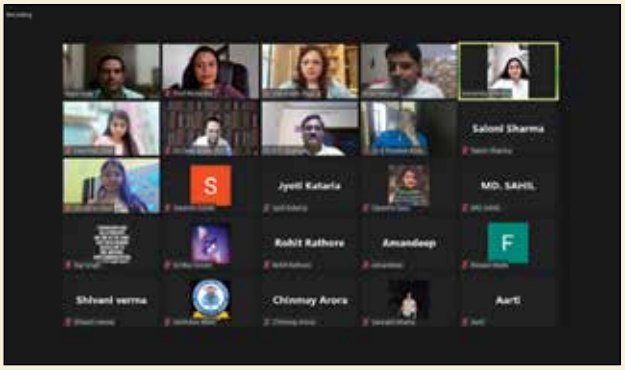
DPSRU recently held a Virtual Investors Awareness Program (IAP) Session 1, conducted by Dean Student's Welfare Office, under the leadership of Prof. Rajiv Tonk, on 13th July 2021 and 26th July, from 11 AM to 12:30 PM.

The program began with Introduction of the University and the Investors Awareness Program, by the anchors, Ankit and Hiteshi, from Verve: Literary Society of DIPSAR/DPSRU. It was followed by the playing of the Official DPSRU song. Prof. Rajiv K Tonk, Dean Student Welfare, DPSRU, delivered the Welcome Address, while introducing the Speaker for the day's program, Dr. Amogh Gothoskar. Prof. Rajiv Tonk also welcomed Hon'ble Chief Guest Vice Chancellor Prof. Ramesh K. Goyal, and Hon'ble Guest of Honour, Registrar Dr. OP Shukla, and all Special Guests for the day including Prof. Harvinder Popli, Dr. Geeta Aggarwal, Prof. PK Sahoo, Dr. Shilpa Jain and all distinguished faculty members and mentors of DPSRU.

The Welcome Address was followed by remarks from Chief Guest and Hon'ble Vice Chancellor Prof. Ramesh K. Goyal, who highlighted the importance of Investor and Financial Awareness and the need amongst students to realise the importance of being aware and active in the corporate field to prepare for a dynamic tomorrow and a competitive world that awaits the students after college.

Then, it was time for the Keynote Speaker of the Day, Prof. Amogh Gothoskar, to address the students and participants. Prof. Amogh began with an illuminating presentation and delivered an amazing pitch regarding financial literacy and emphasised upon the need amongst the students to be aware on the aspects of Investment. He energised them about the developments of the modern world when it comes to Investor Awareness and Financial Literacy. The students had a very positive feedback for the Keynote Speaker and many of them asked to have another session with the Speaker to discuss more about Investors Awareness. The speaker also took Questions from the students and faculty after concluding his presentation. The Q/A session was moderated by Prof. Dr. Richa H Rai, Faculty Coordinator, DPSRU, who conducted the interactive session amongst the students and the Keynote Speaker, and skilfully managed all queries for the Speaker to answer and address. Dr Prabodh Sharma helped the smooth technical execution.

The Vote of Thanks was delivered by Dean Student Welfare, Prof. Rajiv Tonk, who thanked the audience and the students for their participation and active interaction during the program, he also thanked all the invited dignitaries for their august presence during the program, which was followed by National Anthem and concluding remarks by the anchors. The next session was conducted on 26th July 2021 on the same lines on demand. The program was coordinated by Ankit Monga, Student Coordinator, DPSRU under the leadership of Prof. Rajiv K Tonk, Dean Student Welfare, DPSRU



Healthy Heart Campaign
organized in association with Society for Promotion and Research of Cardiovascular Sciences (SPARCS)

It's well said that "Your Life Will Keep on Beating Until Your Healthy Heart Keeps on Beating".Cardiovascular diseases being one of the leading causes of morbidity and mortality worldwide, fortunately it is modifiable through lifestyle changes. To Keep your heart healthy and efficient all it takes to start exercise few minutes a day, that can transform your health, body and mind and so on walking is probably the best form of exercise in the world. We get real benefitted by walking in the way it improves immune function, reduces stress and hence prevents risks associated with the cardiac diseases and provides longevity.

In this context, a Healthy Heart Campaign was organised by Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi and Society for promotion and Research of Cardiovascular Sciences (SPARCS), on the occasion of World Heart Day (29th September) in collaboration with Apollo Hospitals and Rotary Club of Delhi Central.

True to the aim of SPARCS and World Heart Day, to bring awareness, educating the community and unite people for this noble cause, this event was driven by Heart walk, an expert Cardiologist talk and free health check-up camp. Meanwhile, the DPSRU, in collaboration with Integrated District Health Society (IDHS), also organised a vaccination camp for its faculty/ staff members and their families. The vaccination programme was scheduled in 3 more phases, one day each in the months of October, November and December 2021.

The event was inaugurated by Prof. Ramesh K Goyal, Honorable Vice Chancellor, DPSRU in presence of all the staffs, research scholars, students and other participants. An expert talk of the revered speaker, Dr Mukesh Goel, Senior Consultant, Heart and lung transplant, Indraprastha Apollo Hospital, New Delhi was organised. Through his talk Dr. Mukesh Goel delivered the awareness about how our daily life style affects our heart health and how to create an action plan to prevent the heart diseases. Talking about heart health he enlisted the basic rules to keep in mind for maintaining healthy heart, like regular exercise, healthy diet and knowing your cholesterol level, triglyceride, blood sugar, blood pressure etc. by routine check-up and tests to keep it under control. He also put forth the idea of noble action donating organs to help others. The event was conducted offline and in online mode attended by number of students, research scholars, faculty and BOG members, DPSRU.

Dr. Mukesh Nandave, Associate Professor in Pharmacology, DPSRU and event coordinator, proposed the vote of thanks. He also insisted everyone to shift the approach from *HridyaPriyam* (What your heart like) to *HridyaHitam* (What is beneficial to your heart).

Simultaneously, posters were displayed reflecting the advancements in cardiovascular research, various approaches of healthy diet and lifestyle to maintain good heart health.

The event ended with paying tribute to Nation by singing National Anthem.





World Tuberculosis Day

The university observed World Tuberculosis Day on 24th March 2022 to raise public awareness about devastating health, social and economic consequences of TB. A string of activities were organized to support the Government's commitment to making India Tuberculosis free by 2025 under the theme 2022 **"Invest to End TB. Save Lives".**

The campaign was inaugurated by Prof. Ramesh K. Goyal and Dr O. P. Shukla. Prof. Goyal addressed the gathering regarding prevalence of TB, DOTS program, multi-drug resistance TB, and latest developments in the research. The campaign was also attended by Dean Academics Prof. Geeta Aggarwal, Dean Student's welfare Prof. Rajiv Tonk, Director SPS Prof. Harwinder Popli, Medical Officer Dr Priyanka, Asst. Registrar Ms. Nisha, HODs and Faculty of DPSRU.

A pledge was undertaken by the dignitaries, faculty and students to put in sincere efforts to eradicate tuberculosis.

An awareness rally was organized by the faculty and students of SAHSM, from DPSRU campus to Delhi Government Dispensary in Ambedkar Nagar and back to DPSRU to make the public aware about menace of tuberculosis.

Pamphlets were distributed in the Dispensary, University premises and amongst local community. Health talks were delivered





and skits were performed by the students at DOTS clinic of Dispensary and in the University premises to aware the patients and housekeeping staff.

All the activities were carried out under the guidance of Dr. Jaseela Majeed, Head SAHSM and coordinated by Dr Puneeta Ajmera, Associate Professor and Dr J. Swaminathan, Assistant Professor of Department of Public Health along with other faculty members of SAHSM.





VACCINATION DRIVE

DPSRU, in collaboration with Integrated District Health Society (IDHS), South District, Directorate of Health Services, Govt. of NCT of Delhi, organized a FREE Vaccination drive (COVISHIELD VACCINE) for faculty / staff members and their families on 30.09.2021 from 9 am to 5 pm.

The vaccination drive was inaugurated by the Prof. Ramesh K Goyal, Hon'ble Vice-Chancellor. Prof.Goyal, in his inaugural speech emphasized that DPSRU has followed the safety guidelines and taken all measures to keep the campus safe during the pandemic. The vaccination programme is scheduled in 3 more phases, one day each in the months of October, November and December 2021. Dr. Nitin, Medical Officer, 2 ANMs and 4 Vaccination Officers were deployed by IDHS for the smooth conduction of the vaccination. They were also felicitated by the University authorities for their contribution and support.

Around 150 people were vaccinated today. The event was well coordinated by Dr. Priyanka Sonam, Medical officer, Dr. Jaseela Majeed, Head of School of Allied Health Sciences and Dr. Shilpa Jain, Head of School of Physiotherapy, DPSRU.





Community Outreach activities of SAHSM, in Collaboration with Community Health Department of St. Stephen's Hospital (CHD-SSH), Sunder Nagri, Delhi

DPSRU in collaboration with Community Health Department of St. Stephen's Hospital (CHD-SSH) Sunder Nagari, which cater the health care needs of the poorest of the poor, organized community outreach activities in the month of October- November 2021 (11 October – 11th November 2021). The Community Health Departments located about 16 kms away from the main hospital of St Stephens in a slum and resettlement colony in North East Delhi one of the most disadvantaged areas in the national capital of Delhi. The outreach activities was part of internship of MPH students at Community Health Department of St Stephens's Hospital.

Glimpses of Outreach Activities at Community Health Department

1. ***Clean India Initiatives: Video Making and Poster Making***

   The students of Masters in Public Health participated in CLEAN INDIA INITIATIVES of GOI and took part in various aspects of community interactions and approaching methods. The students took part in various activities like video making, audio recording, poster making and recorded audios for a clean India campaign advertisement to promote Swachh Bharat Abhiyan. This audio clippings were played while doing clean India drive through the streets and lanes of Sunder Nagri.



2. ***Child to Child Education (CCE) activities on Sound, Food Chain and Rivers of India***

   DPSRU collaborated with the Child to Child Education Programme (CCE) of Community Health Department which aimed to promote overall growth and development of children from the slums. Under this program a group of children and youth volunteers teach the younger children from the slum for one and half hour per day. Child to Child Education programme encourages participation of children in extra-curricular and sports activities along with providing Free health care, annual health checkups for the slum children.

   The Masters in Public Health students have made various videos for Preschool children describing them on short topics like Food Chain, Mountains and Sound as a part of Child to Child Education Programme. The videos are later on circulated by the department in the multiple whatsapp groups of the slum children to see and learn.

   MPH students have volunteered in the CCE activity in teaching children of different age groups in the slums of Sunder Nagri.

3. ***WORLD Polio Day: Awareness Drive***

   On the occasion of World Polio Day on 24th October 2021, an Awareness drive was organized to spread awareness among the people and sensitize them regarding what is polio, how it is spread, what to do, how to prevent and what treatment it requires. The brochures made were made by Masters in Public Health students and handed over to ANMs and were circulated



to different areas in the Sunder Nagri to engage more people and explain them about Polio. The students explained and interacted with the patients who visited the CHC in multiple rounds.

4. *Home visit*

Home visit is one of the essential parts of community health services which fulfill the needs of individuals, families, and communities in general for nursing service and health counseling. Home visit is considered the backbone of community health service. Along with ANM's Masters in Public Health students took part in home visit in the urban slum of Sundar Nagri. The purpose of the home visits:

- To find out the needs of individuals, families, and communities about health, socio-economic and cultural aspects.
- To provide domiciliary midwifery as care for pregnant, delivery, and puerperal mother and infant.
- To give care to the sick, to a postpartum mother and her newborn with the view to teach a responsible family member to give subsequent care.
- To provide basic health services for minor ailments. (i.e. injury, boils, abrasions)
- To provide counseling on family planning, immunization and nutrition. To provide health understanding regarding the prevention and control of diseases.
- To assess the living condition of the patient and his family and their health practices to provide the appropriate health teachings.

During the home visit family folders were prepared by the students. Also collected information of the family member i.e. a number of family members, occupation, education, date of birth, religion, income, past history, present illness, use of family planning, immunization, etc in the slum area.



5. *Participation in Clean India Rally*

"Cleanliness is next to Godliness."It is the mantra of Mahatma Gandhi, Father of Nation. He demonstrated, propagated and insisted for individual and community cleanliness throughout his life."A clean India would be the best tribute India could pay to Mahatma Gandhi on his 150 birth anniversary in 2019," said Shri Narendra Modi, Hon'ble Prime Minister of India during the launch of Swachh Bharat Mission.

In collaboration with Community health department and in association with Nehru Yuva Kendra-Shahdara, Govt. of India, and D.C. Office-Shahdara, Govt. of Delhi. organised a rally tospread awareness to keep the surrounding clean among community residing in Sundar Nagri on 21.10.2021.During the rally, the participants collected single use plastic items from the streets. Mass awareness was created using various slogans: "Dharti maa kare pukar, aas paas ka karo



sudhar", 'Gali me na maidan me kuda kudedaan me", "swachhta ko apnana hai corona door bhagana hai", "jan jan tak ye sandesh pahunchana hai hame swachhta ko apnana hai" etc.The initiatives helped to generate awareness about the long-term harm of using non-biodegradable plastics and motivate the citizens to keep our environment clean.







6. *Visit to Prem Chaya: Senior citizens Day care center of CHD-SSH*

Sunder Nagari being a resettlement colony has very small and crowded houses. Due to this often the senior citizens have to spend their time outside. Seeing the plight of senior citizens, the CHD-SSH started a senior citizens day care center called Prem Chhaya.

Prem Chhaya, senior citizens day care center started by CHD-SSH is a place where old and powerless senior citizens can interact with their peers. They are also provided with food, entertainment and place to lie-down. Regular Health Checkups are conducted and those needing advanced care are referred to speciality hospitals. Periodic picnics and outings are also arranged. This recreation center is funded and managed by "Patient Welfare Society St. Stephen Hospital". The MPH students visited Prem Chaya and interacted with the senior citizens. Due to Covid 19 pandemic the day care facility can be availed to a shorter period supporting the medical facilities, breakfast and lunch for senior citizens.





7. *Participation in Hunger Relief Programme*

The Day Care Program of the Community Health Department is aimed to take care of poorest of poor children in the age group of 2-6 years between 8:30 am to4:00

pm and to provide nutritional support to malnourished children from community. The Community Health Department has a total no. of 365 children chosen by ANMs on the basis of low hemoglobin and malnourishment of vulnerable families.

MPH students participated in Hunger Relief Program and distributed food packets with Community health centre staff and interacted with the kids and their families about this hunger program and how they are benefitted from this.



8. Research Work and Data Collection

School of Allied Health Sciences and Community Health Department came forward with a Research proposal "To Study the Covid-19 Vaccine Coverage and Vaccine hesitancy in Urban Slum and Resettlement Colony of East Delhi". The proposal was submitted to DPSRU-BioResearch Ethical Committee for approval to study on human subjects and questionnaire was validated. Data collection have been initiated for the research study.





9. World Stroke Day: Health Talk

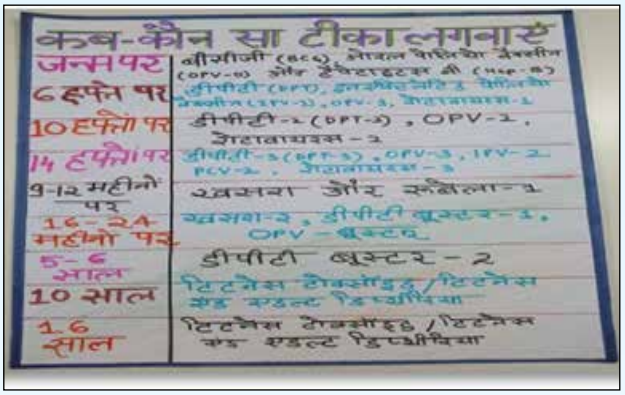
On the occasion of World Stroke Day on 29th October 2021, a health talk was delivered by MPH Students in Community Health Department Sundar Nagri, to spread awareness among the people and sensitize them regarding what is Stroke, Symptoms of stroke, Risk factors of stroke, Prevention and what treatment it requires. The poster was prepared by MPH students. The students explained and interacted with the patients who visited the CHC in multiple rounds





10. World Immunization Day: Health Talk

Every year 10th November is observed as World Immunization Day. On 10th November 2021 health talk was delivered by MPH Students in Community Health Department (CHD-SSH), Sundar Nagri, to spread awareness among the people and sensitize them regarding Vaccine Preventable Diseases (VPDs) such as Diphtheria, Pertussis, Tetanus, Measles, Cholera, Hepatitis, Rubella, Rotavirus, etc. with the help of vaccination. Handouts were prepared by MPH students explaining the importance of vaccines, benefits of getting vaccinated, facts related to vaccines and National Immunization Schedule. The students interacted with the patients who visited CHD.







11. Distribution of Pulse Oxymeters to the Community Health Department of St Stephen's Hospital

On behalf of Community Health Facility, School of Allied Health Sciences of DPSRU, ten pulse oxymeters were distributed to Community Health Department of St Stephen's Hospital (CHD-SSH). The pulse



oxymeters were handed over to Dr. Vinita Gupta, Sr. GDMO, Community Health Department, St Stephen's Hospital by Dr. Jaseela Majeed, Head, SAHSM.

12. Distribution of study and stationary materials to children who got enrolled in Child to Child Education Programme

On the last day of internship of MPH students, a felicitation was organized by SAHS at Community Health Department to honour the team of doctors and the entire staff including ANM's, Department coordinators at CHD-SSH. Study and stationary materials were distributed to children under Child to Child Education Programme (CCE program) of

Community Health Department. The children were excited to receive the study materials and gifts.

The one month internship program was coordinated and guided by Dr. Jaseela Majeed and Dr.Abha Mangal, Specialist

and HOD Community Health Department along withDr. Vinita Gupta, Sr.GDMO, Community Health Department, St Stephen's Hospital and Dr. Puneeta Ajmera, Faculty Coordinator of Masters in Public Health , School of Allied Health Sciences DPSRU.



National Deworming Day

The Ministry of Health &Family Welfare, Government of India launched the National Deworming Day (NDD) on February 2015, as part of National Health Mission in 11 states/ UT, including Assam, Bihar, Chhattisgarh, Dadra and Nagar Haveli, Haryana, Karnataka, Maharashtra, Madhya Pradesh, Rajasthan, Tamil Nadu, and Tripura. The NDD has emerged as the world largest public health campaign for treatment of intestinal parasitic worms.

DPSRU in collaboration with Community Health Department (CHD) of St. Stephen Hospital, Delhi has celebrated the National Deworming Day on 10th February 2022to make people aware of the importance of deworming.

The activities for NDD were organized by Dr. Jaseela Majeed, Head School of Allied Health Sciences & Management and Dr. Abha Mangal, Head of CHD of St. Stephen Hospital in Sunder Nagari, Delhi. The students of Master in Public Health actively participated in all the activities of Deworming day celebration along with the staff members of CHD, St Stephen Hospital.

The activities were:

1) Community Health Facility of DPSRU donated100 Albendazole Tablets and 50 syrups to the CHD, St Stephen Hospital.
2) Health talks on awareness of deworming day given by the students of MPH.
3) Skit performance by the MPH students.
4) Poster Presentation on National Deworming day and its importance
5) Active participation by the MPH students in distribution of tablets to the children of Slum.



Distribution of Albendazole tablets to the Slum children by MPH students



Handmade Poster made by MPH students



Skit Performance by MPH Students

Inauguration of Community Health Facility of School of Allied Health Sciences

In its contribution for the third wave of Covid-19 pandemic, DPSRU inaugurated the Community Health Facility of School of Allied Health Sciences (SAHS) by former Union Minister of State for Culture and Tourism and Member of Parliament Shri K.J. Alphons on 29th June 2021. The Distress Management Collective India (DMCI) in association with India Canada Association of Kingston, a well-known voluntary service organizations donated five Oxygen Concentrators of 10 litres capacity as well as pulse oxymeters on this occasion. The team DMCI donated the masks made by the rehabilitated inmates of GB Road promoted by Kat-katha and DMCI to the Community health facility of the University.

The inaugural function was chaired by Prof. Ramesh K Goyal, Vice Chancellor DPSRU in the presence of Shri O.P Shukla, Registrar, Prof. Harvinder Popli, Director, SPS, Prof. P.K Sahoo, Director DIPSAR, Prof. Geeta Aggarwal, Dean Academics, Prof. Rajiv Tonk, Dean Students Welfare, Dr. Jaseela Majeed, Head SAHS, Dr. Priyanka Sonam, Medical Officer, Dr. Shilpa Jain, Head Physiotherapy and senior faculty of the University.

During the inaugural speech Shri K J Alphons congratulated the team to initiate the Community Health Facility as University being an integral part of the community and also being a Pharmacy and health related University has a major role to play towards the society at large. Prof. Goyal addressed the gathering that the Community Health facility in collaboration with likeminded organizations, will facilitate the responsibilities towards the society. Dr. Jaseela Majeed shared the community outreach activities of the School of Allied Health Sciences during the pandemic.

The inaugural function was attended by Shri. Babu Panicker, Delhi Coordinator and executive members of DMCI Dr. K C George, Dr. Sakhi John, Shri.Jobi Joseph, Shri Joseph Koovachal and Shri. Sudheernath acknowledged the student volunteers Ms. Chetna Katuria (MHM), Ms. Pooja Rathore (MBA) and Ms. Amena Sherwani of (MPH) who are working for Praan Vayu Project which saved the lives of hundreds of people during the second wave of pandemic, with certificates of appreciation and momentos.

The event witnessed handing over of 5 Oxygen concentrators to Prof. Ramesh Goyal by the Shri. K J Alphons, the Chief Guest of the function. The pulse oxymeters were handed over to Dr. Priyanka Sonam, medical officer of University by Dr. KC George of DMCI. Dr. Sakhi John shared the story behind the making of cloth mask by the rehabilitated inmates of GB Road and handed over 250 masks to Dr. Puneeta Ajmera, Associate Professor of Dept of Public Health. The facility would also cater the health-related needs of the University and the neighbouring communities in preparation of a third wave of pandemic. The event was organized by Dr. Jaseela Majeed along with Faculty of School of Allied Health Sciences.







Inauguration of Pediatric Physiotherapy Unit

"Don't Just Treat & Teach Us, Play with Us", with this motto School of Physiotherapy of Delhi Pharmaceutical Sciences & Research University has started the Pediatric Physiotherapy Unit to treat exclusively children with Cerebral Palsy, Developmental Delay, Autism, ADHD, Down Syndrome and other pediatric conditions that are likely to affect the baby and growing child and treat from 1-day-old babies to adolescents by providing Early intervention, Neuro developmental therapy, Sensory Integration therapy, Balance training and Motor planning and execution.

On Saturday, 31st July, 2021, the Pediatric Physiotherapy Unit was inaugurated by the Sh. Ajay DuttJi, MLA Ambedkar Nager Constituency, in the presence of the key dignitaries Dr. S.B. Deepak Kumar, Secretary (TTE), Prof Arun K Agarwal, President, DCPTOT, New Delhi, Prof. R.K. Goyal, Hon'ble Vice Chancellor, DPSRU, Dr. O.P. Shukla, Registrar, Deans Prof Geeta Agarwal and Prof. Rajiv K Tonk, Prof. P.K. Sahoo, Director, DIPSAR, Prof. Harvinder Popli, Director School of Pharmaceutical Sciences, Dr. Shilpa Jain, HoD School of Physiotherapy with the hope that through this initiative DPSR University would be able to bring at least small change in the lives of these children and spread happiness all around

The unit will also offer tailor made programs for caregivers as well as parents as they may learn how to position and handle their child for day-to-day activities. The new pediatric unit is an addition to the already existing physiotherapy OPD.

Professor RK Goyal, Vice Chancellor, DPSRU, stressed on the fact that outcome-based research has led to the noteworthy achievements of the physiotherapy unit that started in 2015 and has reached a patient count of 700 plus.

Dr. Shilpa Jain, Head of the School of Physiotherapy, DPSRU, "The kaleidoscopic unit is built keeping the interest of children in mind with colorful caricatures painted on the walls. It consists all the equipment targeting the amalgamation of rehabilitation along with amusement. This is a seed unit to our upcoming early intervention unit".

"The unit highlights the role of physiotherapy from "Womb to Tomb". It encourages the physical development in children to an optimal level by providing them a creative and enjoyable environment" said Dr. Sapna Dhiman, Incharge of the Pediatric Unit.









CULTURAL EVENTS

75th Independence Day Celebration

On the 'Azadi ka Amrit Mahotsav': Independence day 2021, the security personnel conducted the Honourable Vice Chancellor Prof Ramesh K Goyal to the saluting base where a troop presented general salute to the VC under the leadership of Mr Krishan Kumar, Security in-charge and EPABX Operator, DPSRU (Ex-Army). Prof. Goyal hoisted the National flag, followed by the salute and parade by the guard contingent.

The hoisting of the tricolour was synchronized with the National Anthem after which Prof Goyal delivered the customary address. He welcomed the Chief Guest for the day Mr Partha Sarathy Krishnan and all esteemed laureates as well as the pool of faculty members and staff, and their families and students present at the ceremony. He expressed his visionary thoughts and also appreciated the efforts of all students, faculty and staff for having toiled hard even during the difficult pandemic times, and not only that but for having excelled and for having brought laurels to the university in different capacity. He also communicated despite of all the challenges the career prospects of the students were not affected, but have shown better placements in the preceeding academic session.

This was followed by the motivating words from Mr Partha, who reiterated that it was the right leader, Dr Goyal, who has paved the way to success for the University and also envisioned that DPSRU would soon be one of the best Universities on the World Map. Prof. Goyal informed that how this modest soul, Mr Partha, a wizard in numerous domains including Pharmaceuticals, AI and Machine learning and Big Data, Cyber Security and Health care systems, was a strong pillar of support and constantly extending his expertise for the growth of DPSRU.

We also heard Prof P.K Sahoo, Director DIPSAR speak his heart about the importance of our 'Matru-Bhasha' in context with the NEP 2020 and the optimism in Prof Geeta Aggarwal, Dean Academic's brief perspective on Unity. This was followed by the felicitation of the faculty members, staff and students.

The dignitaries on the stage as well as Prof. Goyal expressed their pride as they honoured Dr Gaurav Jain , Associate Professor, was felicitated for having won the prestigious 'IPA-ACG Scitech Innovation Award and 50k cash prize' for 'Innovation in Solid Dosage Development'. Dr Prabodh Chander Sharma, Associate Professor, was presented with the memento-certificate for his publication in International Journal of high repute on 'Microbial toxins as a therapy against cancer cells' and Dr Rajani Mathur, Assistant Professor, for having sought an ICMR grant of more than 55 Lakhs for her proposed work 'on protective role of medicinal plants against induced breast cancer in rodents'. Dr Sushma Talegaonkar, Associate Professor, was acknowledged for sanction of a humongous grant, for 'development of functionalised dual loaded herbal non-collodial carrier,' by DST, SERB, Govt of India. The staff Krishan Kumar and Shankar Singh were honoured by presenting medalas well as certificate to acknowledge their 'excellence in performing their duties' towards the organisation.

The students who scored AIR 1 to 15 in the GPAT exam, national level entrance exam for qualification to post graduate program in Pharma, were felicitated by the esteemed Chief Guest and Prof. Goyal. Mr Gourav Gupta (AIR 1), Mr Abhishek Gaba (AIR 4), Ms Ritika Srivastava (AIR 11), Mr Shashwat (AIR 15), Mr Vishal Shokeen (Gold medalist in Pre-national shooting championship and 4th rank in Junior National shooting championship), Ms Shweta Phd Scholar under Dr Meenakshi Chauhan, for having brought laurels to the University

through their excellence in academia, sportsas well as industry.

Prof. Goyal, was kind enough to acknowledge the behind-the-screen contributions by Dean Student Welfare Prof Rajiv K Tonk, identifying him as the 'Crusader' behind all the extra-curricular and Co-Curricular activities at the University. Prof. Goyal also felicitated Prof Richa H Rai for her relentless contributions in all the University Extra- curricular and co-curricular activities, efficiently bearing the multifaceted role a teacher should execute in a teaching institution.

As the Faculty, staff and their wards performed, a sense of patriotism filled the air. Ms Lakshita and Ms Harshali danced to the folk music and Mr Afin Subu as well as Ms Anshika- Mr Akshat demonstrated their love for the nation through their commendable dance performance. Ms FiaSubu paid homage to the country as she strumsher guitar and sung in her euphonious voice followed by melodious performances from Master Jayant Pareek, Dr Gaurav Jain his Wife Ms Vaidehi-son Mr Garv and also by Prof Richa H Rai. It was mystifying to observe the confidence with which young Ms Raika and Mr Vaibhav expressed their thoughts for the nation. Ramjilal Senior Office Assistant was also acknowledged and felicitated by Prof. Goyal for having stood by in all activities. The celebration, conducted by team effort of Prof Rajiv K Tonk, Mr Krishan Kumar, Prof Richa Rai, the anchors of the day Ms Kanishka-Ms Sheron (BPT 8thsem), Ms Mansi Pandey- Ms Anusha Anand (BPT 4thsem) with the lasting support of the office staff, Security personnel, horticulture and housekeeping staff of DPSRU was appreciated by all.

It was concluded by Prof Rajiv K Tonk, Dean Student Welfare's unequivocal poetry demonstrating patriotism.



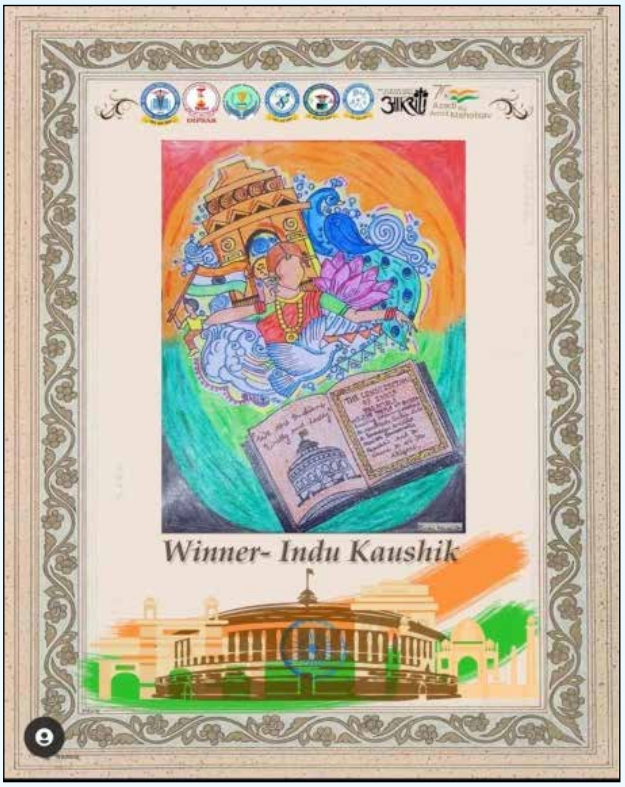







73rd Republic Day Celebration

The 73rd Republic Day was celebrated in DPSRU campus also commemorating 75 years of Independence: Aazadi Ka Amrit Mahotsav. This day is celebrated to mark the day when the Constitution of India came into effect after India gained independence having had an extensive struggle for freedom. After the unfurling of the Indian National Flag by the Honourable Vice Chancellor Prof Ramesh K Goyal at the saluting base, a troop presented general salute to the VC under the leadership of security In-charge Sh. Krishan Kumar (Ex-serviceman). This was followed by the march past parade by the University guards



contingent.

Prof Goyal heralded the event by his inspirational and patriotic orate. This was followed by an exclusive speech by Dr P.K.Sahoo and a motivational talk by Director SPS, Prof. Harvinder Popli. Prof.Geeta Aggarwal, Dean Academics took the podium to congratulate each and every one for their



achievements and making DPSRU proud and Prof. Rajiv K Tonk expressed his patriotic fervour by an exquisite poetry. This was followed by the Oath taking ceremony "Taking Pledge to Fight against Corona"- conducted by Mr AmrishJha, Senior Consultant, Centre of Yoga and Meditation Sciences. Dr Abhishek Dadhich, Assistant Professor, School of Allied Health Sciences volunteered to abreast us on the role of DPSRU in this fight againgst Corona. This was followed by an inspirational poem expressed by Prof Richa H Rai which depicted the role of Physiotherapy and Lifestyle to fight against Corona.The song sung by her, heralded the impressive cultural performance exhibiting the immense talent in our faculty and their families which filled the ambience with patriotism. DPSRU Dean Students' welfare office Prof Rajiv K Tonk, Dr Geeta Aggarwal and Extracurricular Incharge Prof Richa H Rai along with Aakriti Society student Coordinators: Aakash Jain, Shrestha Saha, Mitali Dhar, and their team, held an e poster making competition depicting "Gantantra Bharat kiAwaz", the first prize was bagged by Ms Indu Kaushik from B.Pharm 2nd year.

The team members of Aakriti Society also

decorated the surroundings with colourful flowers and paper craft. Verve Society of DPSRU also expressed their feelings for the nation and mankind on this auspicious occasion. This was followed by a speech from Ms Gurpreet Kaur and a beautiful song by Ms Niharika Jha, B.Pharm 2nd year, who were also hosting the event and representing Verve. Ms Pooja Kumari and Ms Gurpreet Kaur from BPT also accompanied them for hosting the event. Dr Ajit's cute little twins danced and potrayed their talent at this tender age, followed by a melodious song by Dr Vijender's Sons Jayant Pareekh and Jayesh Parekh. Young sweet little twin sisters Ms Shakthi Sangharsh anaand Ms Shakthi Sangeerthana presented the glory of our motherland by their superfluous dance followed by their brother's speech S.Vishweshvaran, the trio being as talented as their father Dr S. Swaminathan. Vaibhav sharma also showcased his talent. All dispersed in high spirits celebrating this occasion& enjoying the flavours of refreshments and ladoos.

Observing Rituals of Goddess Saraswati Pooja on the Occasion of Basant Panchami

In honour of Maa Saraswati, and to mark the arrival of spring, BasantPanchami 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 5th of Feb 2022 this year. Hon'ble Vice Chancellor Prof Ramesh K. Goyal, Prof D. P. Pathak, Shree Amresh Kumar Jha Senior Consultant Centre for Meditation and Yoga Sciences (CMYS) along with several faculty and staff adorned the event observing all precautions and unanimously and with their hands folded, prayed to the Goddess to bestow her blessings on DPSRU/ DIPSAR family. The ambiences were filled with colours as the faculty of Centre for Meditation and Yoga Sciences decorated it with flower Rangoli. Yellow and white being the favourite colour of the deity, fruits and sweets of such colours were then distributed amongst all as pooja offerings, throughout the campus after the ecstatic chanting of Mantras by Acharya Shree Rahul Kumar Mishra and also adorable performances as devotees to Maa Saraswati, by the faculty of Centre for Meditation and Yoga Sciences. This year this event was also celebrated to commemorate Azadi Ka Amrit Mahotsav. Dean Student Welfare Prof Rajiv K Tonk, Dean Academics Prof Geeta Aggarwal and Prof Richa H Rai Extracurricular Faculty Incharge organised the event with Shree Amresh Kumar Jha from CMYS.





Celebrating Ambedkar Jayanti

Dean Student Welfare Office and Aakriti -The Art Society of DIPSAR/DPSRU organised a poster making competition on the occasion of Ambedkar Jayanti. We were ecstatic to receive so many responses for the competition on the theme- "WE ARE ALL EQUAL UNDER THE BLUE SKY". The competition gave an opportunity to all the budding artists to showcase their talent. All the entries were very impressive. All the participants participated with great enthusiasm and had shown extraordinary skills, efforts and gave their best. The Winner of the Event- Sriyansh Mamgai expressed how "Justice has always evoked ideas of equality, of proportion of compensation. Equity signifies equality. Rules and regulations, right and righteousness are concerned with equality in value. If all men are equal, then all men are of the same essence, and the common essence entitles them of the same fundamental rights and equal liberty... In short justice is another name of liberty, equality and fraternity." – B.R. Ambedkar. This poster truly depicts the ideas of B.R. Ambedkar.

This event was well organised by the very



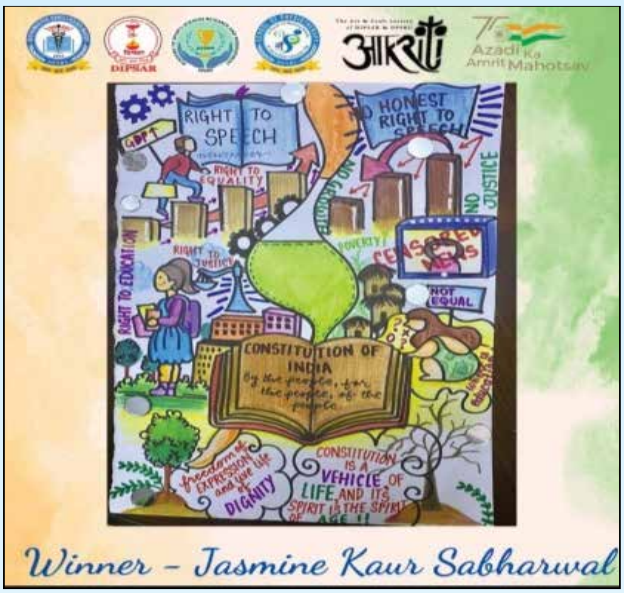
able and talented Aakriti Art Society of DPSRU team: Aakash Jain, Shrestha Saha, Sahil Singh, Mitali Dhar, Tarun Uniyal and Vedang. The event was coordinated by Dean Student Welfare Prof Rajiv K Tonk and extracurricular faculty coordinator Prof Richa Hirendra Rai and Prof Geeta Aggarwal, and executed to commemorate Azadi Ka Amrit Mahotsav. Award winning poster attached herewith.

Celebrating National Constitution Day

Aakriti Art Society & Dean Students Welfare office of DPSRU organised an inter-university e-poster making competition on the occasion of National Constitution Day 2021.We received very creatively represented ideas of people's perception about the topic "Constitutional Aspirations vs Reality".

All the entries deserve appreciation as they were very impressive. Congratulations to the participants and also the winner, Jasmine Kaur Sabharwal from 2nd Year English Honours Deshbandhu College. It was our pleasure of having these talented individuals on the competition as each one shared their unique perspective and we wish them all the best for the upcoming events and projects.

This event was well organised by the very able and talented Aakriti Art Society of DPSRU team: Aakash Jain, Shrestha Saha, Swati Singh, Sahil Singh, Saloni Sharma, Mitali Dhar, Parinishta Gupta and ShikhaKumari. The event was coordinated by Dean Student Welfare Prof Rajiv K Tonk and extracurricular faculty coordinator Prof Richa Hirendra Rai, and executed to commemorate Azadi Ka Amrit Mahotsav. Award winning poster attached herewith along with details of Competition





Fresher Welcome

To welcome the Freshers of our university, in association with Rotaract Club of DPSRU and other cultural societies viz Malang, Raag, Fitoor, Paridrishya, verve and Aakriti, organized an **E – CULTURAL Program** on November 18, 2021 which was hosted by Mr. Ankit Monga and Ms. Ashna Pradeep.

Foremost extending a warm welcome to all, the vision of DPSRU, to be the ultimate destination for education, training, as well as the research in Pharmaceutical and Allied Health Sciences to cater to the health needs of the people at large, was conveyed to the Freshers with pride. This was followed by, a virtual lamp lightning alongside chanting of the mantras of Goddess Saraswati, the source of intellect.

Hon'ble Vice Chancellor, Prof. Dr. Ramesh K. Goyal, inspired everyone present, with his enlightening words and his humble personality. This was followed by encouraging addressal by Prof. Dr. Harvinder Popli, Director SPS, DPSRU and Prof. Dr. Geeta Aggarwal, Dean Academics, DPSRU; blessing from Prof. P.K. Sahoo, Director DIPSAR and Registrar DPSRU Dr O.P.Shukla were conveyed to all. Prof. Rajiv Tonk, Dean, Students Welfare addressed the students to boost their morale and elated us with his poetic composition.

This was followed by the cultural performances exhibited by students : Ashna Pradeep, a member of Malang,a trained Bharatanatyam dancer presented a performance named Ganesh Rayyan ; Rupali, from BPT 3rd yr, a trained classical dancer presented one of her best pieces; Sahil, from BPH 2nd year from DIPSAR and a Member of Raag, mesmerised us with his amazing voice; Marut Mishra, a 2nd year B.Pharm student from DPSRU presented a beautiful piece of poetry ; Mitali Dhar of BPH 2nd year, DIPSAR, a member of Malang as well as Aakriti society presented a very spirited dance performance ; Then, a graceful duet was performed by Rupali and Kajal of third year BPT, DPSRU ; Shailja, of BPH 3rd year of DIPSAR and the President of the, Verve, presented a divine piece of poetry ; A small snippet was presented by Fitoor, the Drama Society of our University ; Tanisha, the President of Malang, presented a very lively dance performance ; Riya Nagpal from BPH 2nd year, DPSRU presented an aesthetic dance performance ; Nancy Lokesh presented a beautiful fusion of her favourite songs ; Aakriti, the Art Society of our University, presented some of their magnificent art pieces ; Eva Walia BPH 2nd year, DIPSAR presented a graceful Indo-western fusion dance; Manpreet BPT 4th year, DPSRU presented an elegant dance performance ; Nandini Govil BPH 2nd year, DIPSAR, a core team member of Raag, who

presented a bedazzling music performance ; Soni of Diploma 2nd year enthralled us with her riveting Dance performance ; Ishita Jain of BPH 2nd year, DIPSAR presented a marvellous piece of classical dance. It was a pleasure to hear Shruti Sain of BPH 1st year, DPSRU, who volunteered to participate as well as introduce herself. Even though online the event was as interesting as it could be and captured our attention. Moving on, the results for the various competitions held on the occasion of National Pharmacy Week were announced. Towards the end, a formal vote of thanks was offered by Dr Sushama Talegaonkar Associate Professor, SPS, DPSRU. Faculty and students of DPSRU appreciated the amazing performances and exchanged their views and best wishes.

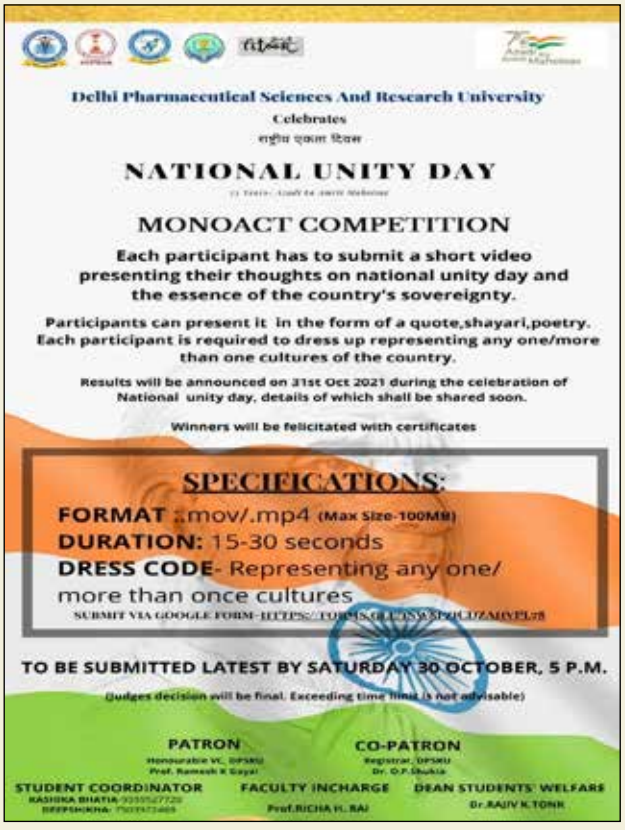
Team of students including Ankit Monga, Ashna Pradeep, Harshita Dhar, Abdul Arshad, Avantika Gupta, Bhumika Rawat, Kanishka, Mahika, Nishita Kalra, Parinishta , Shailja along with Dean Student Welfare Prof Rajiv K Tonk and Extra curricular Coordinator Prof Dr Richa H Rai and National Pharmacy Week Faculty Incharge Dr Sushama Talegaonkar organised the Fresher's Welcome event as a part of National Pharmacy Week and to commemorate 'Azadi ka Amrit Mahotsav'. One can visit the link https://youtu.be/ORZkl7qC-SI to enjoy the event.

The program was successfully concluded as all rose to the patriotic musical composition symbolising and evoking eulogies of the history and traditions of India- our very own National Anthem.

Celebrating National Unity Day: Rashtriya Ekta Diwas

National Unity Day or Rashtriya Ekta Diwas is celebrated to mark the birth anniversary of 'Loh Purush' Sardar patel who had a major role in the political integration of India.

On 31st Oct 2021 Dean Student Welfare office organised a Monoact Competition demonstrating the country's sovereignty, under the leadership of Honourable Vice Chancellor Prof Ramesh K Goyal and guidance of Dean Student Welfare Prof Rajiv K Tonk and Extra-curricular faculty incharge Prof. Richa H Rai. The competition was well organised and coordinated by the members of Fitoor Society of DPSRU and Video compilation was done by Ms Deepshikha and Ms Kashika Bhatia from BPT 3rd year and Prof Richa H Rai. The competition was won by Ms Priyanshu Hari from B Pharm 2nd year. The event at DPSRU was commemorated, as a part of the Amrit Mahotsav to mark India's 75 years of Independence



Celebrating & Expressing Gratitude and Honour for Teachers

Teachers Day is generally celebrated on September 5 to mark the birth anniversary of Dr Sarvepalli Radhakrishnan, who was the first vice president of India (1952–1962) and also a teacher and philosopher. This is a day to honour and show gratitude to all mentors and teachers and thus even amidst the pandemic to celebrate and to wish best of health for all the faculty, Dean Student Welfare office organised an online awareness event on "What one Must Know About Ergonomics and Teachers".

The welcome address by Dr Rajiv k Tonk, and Dr O.P. Shukla, Registrar, DPSRU conveyed the essence of the celebration and Dr Harvinder Popli, Director, SPS motivated the audience. Dr Deepankar Das, Ergonomic Expert, Physio ergo Healthcare, Gurgaon, enlightened us on the topic online by elaborating on how audit and alterations in the environment, attire and posture can help teachers to be healthy, comfortable and fit in the highly demanding job profile which is the core and shapes the future of all the professions.

It was a very knowledgeable and interactive session and was enjoyed by the audience. An audience of approx. 70–80, all faculty, staff and students, participated with great zeal as Prof. Richa H Rai conducted the Question and Answer session and Prof. Rajiv K Tonk concluded the same with a poetry leaving all elated. The event was organised by Dean Student Welfare Prof. (Dr.) Rajiv K Tonk, Extracurricular in-charge Prof. (Dr.) Richa H Rai and was explicitly moderated by Student Coordinators Mr Ankit Monga and Ms Kanishka Sharma and systematically harmonised online by joint efforts of Mr Saransh Gulati, Ms Vipasha Gaur, Mr Abdul Harshad, Ms HarshitaDhar and Ms Kritika Grover. Following this, one of the active student's group 'Rotract Club of DPSRU' also presented a delighting video introducing the faculty to all our newly joined students, who have been yearning to join the on-campus activities, and depicting the recent achievements of the University under the able guidance of Hon'ble Vice Chancellor Prof. Ramesh K Goyal.



HOLI Celebrations

Bringing in HOLI with Innovative 'Herbal Gulal'

On the occasion of Holi festival, DSIR-DPSRU-CRTDH center developed herbal gulal. The gulal was prepared from natural starch and extracts of curcumin, beetroot and spinach. The unique technique used for coating of the gulal made it non adherent to the skin as well as the clothes so they can be removed easily by brushing it off. It can be a good alternative for people who avoid playing holi for the same reason. Gulal was non-toxic and was also tested for non-irritancy to skin by HET-CAM.



Holi Celebration at Center for Meditation and Yoga Center

Apart from providing health and peaceful mind to general public of Delhi, the centre takes care of its all the employees who burn mid night oils in making this movement a grand success. A cultural program and competition were organized by the center to celebrate holi festival, where 90% of the teachers and instructors participated whole heartedly and showed their talent in various arts like singing, dancing, martial arts, acting, theatre and yogic posture performances, etc. On the occasion Dr. Shilpa Jain, Dr. O.P. Shukla and Prof. Ramesh K. Goyal were present. Winners were distributed with prizes at the end of the program.





Celebrating National Antiterrorism Day



DPSRU celebrated Antiterrorism day on the 1st of June 2022, to instil the constitutional values in our students. This event was also celebrated to commemorate Azadi Ka Amrit Mahotsav. Experts from Indian Administrative Services Mr Raju Bhargava 1995 batch IPS officer from Gujarat Cadre and presently Commisoner of Police, Rajkot, Gujarat and Mr Mahaveer Singhvi (IFS) Joint Secretary (Counter Terrorism) Ministry of External Affairs, India,abreasted the students on the topics "Our Fight Against Terrorism" and "India's Approach towards Terrorism Internationally".

Honourable VC Prof Ramesh K Goyal gave the opening remarks for the session followed by welcome address by Registrar Dr O.P.Shukla and Dean Students' Welfare Prof Rajiv K Tonk. The speakers informed the students on what defines terrorism and what are its dimensions, how does it affect human life, how does it affect a country's economy and overall health, what does it cost to the country, what are the different aspects that promote terrorism, as a citizen what is our role, what have been successful strategies in the past and what are the upcoming challenges for eg cyber terrorism etc.



Almost 70 students, faculty and staff joined the program. The program was conducted by the Dean Student Welfare office, Prof Rajiv K Tonk, Dean Students' Welfare and Prof Richa H Rai, Extra-curricular Incharge along with Dean Academics Prof Geeta Aggarwal and Dr Anubha Agrawal, Assistant Registrar, DPSRU. Dean Students' Welfare office also conducted a monoact competition wherein the students portrayed their ideas on abating terrorism. The event was coordinated by the students of Verve Society (Ms Shailja, Avantika Gupta, Urvashi Sinhan and Gurpreet Kaur) and Ms Mohini Diwan from 2nd year B.Pharm DPSRU was declared as winner.

Women's Day Celebrations

DPSRU Innovation and Incubation Foundation (DIIF) in collaboration with Department of Pharmaceutics, School of Pharmaceutical Sciences, organized a workshop on International Women's Day on the theme- "Women Empowerment-Women on Wheels" on 07 March 2022. The event was conducted offline and jointly coordinated by Dr. Foziyah Zakir and Dr. Mangla. The chief guest of the session was Mrs. Bharulata Patel Kamble and the guest of honor was Dr. Subodh Kamble. Mrs. Bharulata is also known as the Women on Wheels, as she is the first woman to drive solo to Arctic circle covering a distance of 29,000 kms in a span of 57 hours without a backup vehicle or a backup crew. She is also the first Indian woman to hoist the flag of India at the Artic Circle. Dr. Subodh Kamble, our guest of honor is an internationally renowned Urologist and robotic surgeon. The workshop was started with welcome address by Prof. Geeta Mam, Dean Academics, followed by welcome note by Prof. Harvinder Popli, Director, SPS. The inaugural address was given by Prof Ramesh K. Goyal. The workshop was attended by more than 45 female faculty members of DPSRU and DIPSAR, along with admin and lab staff. A skit by Fitoor was presented by the students at the end followed by cake cutting ceremony. Moderation was jointly carried out by Dr. Bharti and Dr. Foziyah. Vote of thanks was delivered by Mr. Navin Gaur, Nodal Officer, DIIF. The workshop was concluded



STUDENT'S ACHIEVEMENTS

Prof. Rajiv K. Tonk & Dr. Vijender Kumar

Scholarship Distribution Ceremony by Hon'ble Deputy Chief Minister, Delhi at Thyagraj Stadium, INA, New Delhi

Merit-cum-Means Linked Financial Assistance Scheme is for pursuing Higher Education in State Universities of Delhi. The objective of the Scheme is to extend financial assistance to the meritorious and needy students pursuing higher education in NCT of Delhi. Under this Scheme the Delhi Higher Education Trust through Directorate of Higher Education (DHE), GNCTD fully or partially reimburse the tuition fee paid by the students.

A total of 84 students of DPSRU have been benefitted by this scheme during academic session 2020–2021. The scholarship was distributed by Hon'ble Deputy Chief Minister, Sh. Manish Sisodia during Scholarship Distribution Ceremony at Thyagraj Stadium, INA, New Delhi on 4thOctober, 2021. The Hon'ble Deputy Chief Minister, Sh. Manish Sisodiaji addressed the gathering regarding Delhi Government support to continue the higher education of students even during hard time of COVID-19 situation. A total fund of Rs. 8,86,600 was allocated to DPSRU for distribution among selected students. The scholarship provided to the students will be helpful to overcome financial burden on the family. Dr. Sahil Kumar and Dr. J. Swaminathan were the faculty co-ordinators during the event. Among the selected students, Mr. Lakshya Khatri interacted with Hon'ble Deputy Chief Minister regarding benefit of the scholarship. The students of DPSRU will continue to get benefitted from the Merit-cum-Means Linked Financial Assistance Scheme for Pursuing Higher Education in future



- **Mr. Manish Soni,** Ph.D. scholar awarded "Best Poster Award" in two days National Conference on Pharmacovigilance and Drug Safety: Recent Developments and Future Perspectives organized by ISF College of Pharmacy, Moga, Punjab held online during 21–22nd May 2021.
- **Ms. Chetna Kathuria** (MHM), **Pooja Rathore (MBA), Amena Sherwani** recognized for the Extensive Volunteering Activities for Project PRAANVAYU of Distress



Management Collective India (DMCI)for a period from May 10th -20th June 2021.

- **Kritika Kaushik & Sundus Nishat**, MHM – IVth Sem students, SAHS, were given an opportunity to do their internship at the prestigious B L Kapoor Super Specialty Hospital, New Delhi, where they worked on JCI (Joint Commission International) Re-accreditation and IPSG (International Patient Safety Goals). Through their contributions, our students not only helped the Hospital in successful re-accreditation by JCI for its high levels of quality, care

and safety but were also awarded with a certificate of recognition by Dr Suhas Parnami, Medical Superintendent of B.L. Kapoor Super- Specialty Hospital. Appreciating the student's hard work and achievements, the Hon'ble Vice Chancelor, Prof. Ramesh K Goyal, also rewarded the students.

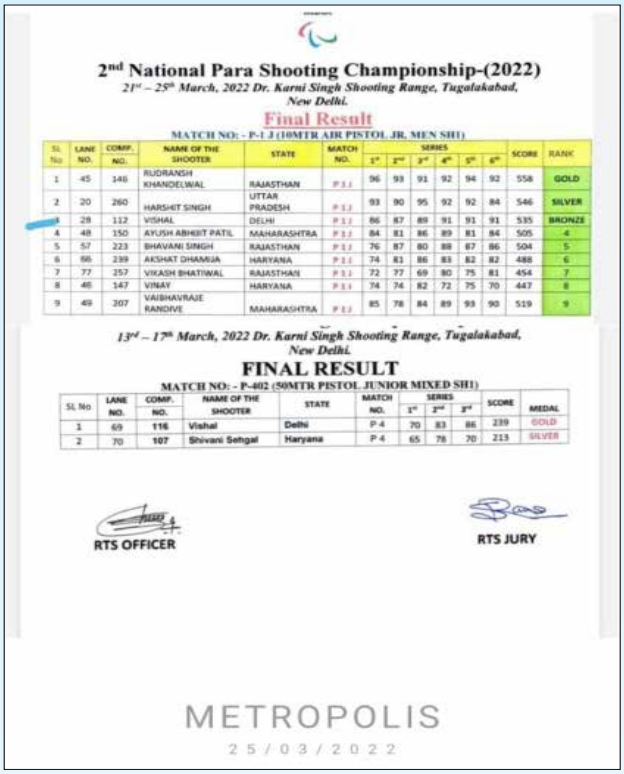








- **Mr. Vishal Shokeen**, a B. Pharm student at DPSRUhas come out with Flying Colours at the Para Shooting Championship.Hehas won Gold and Bronze medal in National and Zonal championships of shooting and is currently representing our University at National level.



2nd National Para Shooting Championship-(2022)

21st – 25th March, 2022 Dr. Karni Singh Shooting Range, Tugalakabad, New Delhi.

Final Result

MATCH NO: - P-1 J (10MTR AIR PISTOL JR. MEN SH1)

Sl. No	LANE NO.	COMP. NO.	NAME OF THE SHOOTER	STATE	MATCH NO.	SERIES 1st	2nd	3rd	4th	5th	6th	SCORE	RANK
1	45	146	RUDRANSH KHANDELWAL	RAJASTHAN	P-1 J	96	93	91	92	94	92	558	GOLD
2	20	260	HARSHIT SINGH	UTTAR PRADESH	P-1 J	93	90	95	92	92	84	546	SILVER
3	28	112	VISHAL	DELHI	P-1 J	86	87	89	91	91	91	535	BRONZE
4	48	150	AYUSH ABHEET PATIL	MAHARASHTRA	P-1 J	84	81	86	89	81	84	505	4
5	57	223	BHAVANI SINGH	RAJASTHAN	P-1 J	76	87	80	88	87	86	504	5
6	66	239	AKSHAT DHAMIJA	HARYANA	P-1 J	74	81	86	85	82	82	488	6
7	77	257	VIKASH BHATIWAL	RAJASTHAN	P-1 J	72	77	69	80	75	81	454	7
8	48	147	VINAY	HARYANA	P-1 J	74	74	82	72	75	70	447	8
9	49	207	VAIBHAVRAJE RANDIVE	MAHARASHTRA	P-1 J	85	78	84	89	93	90	519	9

13th – 17th March, 2022 Dr. Karni Singh Shooting Range, Tugalakabad, New Delhi.

FINAL RESULT

MATCH NO: - P-402 (50MTR PISTOL JUNIOR MIXED SH1)

Sl. No	LANE NO.	COMP. NO.	NAME OF THE SHOOTER	STATE	MATCH NO.	SERIES 1st	2nd	3rd	SCORE	MEDAL
1	69	116	Vishal	Delhi	P-4	70	83	86	239	GOLD
2	70	107	Shivani Sehgal	Haryana	P-4	65	78	70	213	SILVER

RTS OFFICER

RTS JURY

METROPOLIS

25/03/2022

- D. Pharm Alumni **Ms. Himanshi Parashar has** got an opportunity to act in a Video Song "Qismat", sung by Punjabi Singer Prabh Gill.



- Mr. Sandeep Kumar, M Pharm (Clinical Research) student, under the guidance of Dr. Sachin Kumar won **First Prize** in Poster

Competition for his presentation entitled "Effect of Anticoagulant Drug on Mortality in Covid -19 Patients: A Meta-Analysis" in 4th INDO-SWISS Virtual International Conference on"Current Scenario and Challenges in Pharmacy Practice & Pharmaceutical Sciences" organized & hosted om 20-21th May 2022, by Vijaya Institute of Pharmaceutical Sciences for Women Enikepadu, Vijayawada, Andhra in collaboration with Association of Pharmacy Professionals (APP) Uttar Pradesh state branch, APP Switzerland International Branch, and APP CommClin Pharm Division.

- Ms. Divya Sharma, a research scholar selected for DST inspire fellowship. She is pursuing PhD under the supervision of Dr. Mahaveer Dhobi in Department of Pharmacognosy & Phytochemistry, DPSRU.
- Mr. Abhishek Wahi, B.Pharm student under the guidance of Dr. Vijender Kumar awarded with **Best Student Award 2022** during APP 1st Indo-Japanese International Conference 'RAGCPF-2022' organized by APP TN State Branch & APP Japanese International Branch at School of Pharmaceutical Sciences, VISTAS, Pallavaram, Chennai, Tamil Nadu in collaboration with APP PharmEdu Health Care Manag Division. He also **Secured 3rd position** in Health-Hack 3.0 "Hackathon for Novel Healthcare and Wellness Solutions" held during 7-8 January 2022 jointly organized by DPSRU Innovation and Incubation Foundation & Reveille Solutions Inc. for his and his team's idea 'Mom Heals' to create a social virtual platform to alleviate postpartum depression in young moms.
- Ms. Ardra N Vijay studying in B. Pharm awarded as an **Academic Topper** (Second position) in the second semester examinations and was felicitated by a medal and a certificate.
- Ms Riya Nagpal, studying in B.Pharm under the guidance of Dr. Vijender Kumar has secured **Second position** in E-Poster competition in AICTE sponsored decennial national conference on Recent trends in industrial Pharmacognosy organized by Mother Teresa Post Graduate Institute of Health Sciences, Puducherry. She also **Secured 2nd position** in Health-Hack 3.0 "Hackathon for Novel Healthcare and Wellness Solutions" held during 7-8 Jan 2022 jointly organized by DPSRU Innovation and Incubation Foundation & Reveille Solutions Inc.She has Secured 3rd position, in podcast competition organized by Rotaract club DPSRU. She also Secured Rank 1stin 4th Annual Conference on Latest Trend in Organ Culture and Organ-On-Chip Technology, SAAE-India in association with DPSRU, New Delhi (11th- 12th December 2021)
- Ms Mehak Kanojia ,studying in B.Pharm played a role of mentor and guided the school students in their career path under the nation'slargest mentoring program "Desh Ke Mentor" launched by the Delhi government. In collaboration with International Federation of Medical Students' Association (IFMSA), International Pharmaceutical Students' Federation-Asia Pacific Regional Office (IPSFAPRO) conducted an Antimicrobial Awareness Hackathon from November 26th to December 28th 2021, which focused on problem solving regarding public health cases related to Antimicrobial Resistance. Participants from all over the world took part in it in which we had to submit a proposal solving the case problems related to AMR. She along with her teammates, representing our nation, made it to the finals (top 5).
- Mr. Saurabh Bhalla, studying in B.Pharm has secured **Third Position** in Written Olympics 2021 organised by DPSRU on dated April 2, 2021. He also played a role of mentor and guided the school students in their career path under the nation's largest mentoring

program "Desh Ke Mentor" launched by the Delhi government.

- Ms. Mohini Diwan, studying in B.Pharm **secured 1st Position** in National Level oral presentation competition held on the occasion of National Pharmacy Week. Topic presented was – Patient Counselling on chronic diseases, organized by RC Patel Institute of Pharmaceutical Education and Research, Shirpurin collaboration with IPASF Dhule, Maharashtra on October 23, 2021. She also **secured 1st Position** in Monoact Competition on the occasion on National Pharmacy Week (DPSRU). Topic presented was – Pharmacy: always trusted for your health, on 17 November 2021. She also **secured 2nd Position** in Debate Competition on the occasion of National Pharmacy Week (DPSRU) on November 16, 2021. She **secured 2nd Position** in Poetry Writing Competition held on the occasion of National Education Day, organized by- Rotaract Club of DPSRU on November 11, 2021.
- Ms Rishabh Solanki, studying in B.Pharm **secured 3rd Position** in the National Level Essay Competition on Topic 'Role of Pharmacist in Pandemic' organized by R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur in association with Indian Pharmaceutical Association (IPA) (Dhule Local Branch, Shirpur) on World Pharmacist Day- 2021. He also secured 3rd position in Health-Hack 3.0 "Hackathon for Novel Healthcare and Wellness Solutions" held during 7–8 January 2022. He has also won 1st prize in the Andragogy National Competition held in May 2021 and got a Letter of Appreciation from Andragogy Forum.
- Priyanshu Hari, studying in B.Pharm has participated and selected for poster presentation in IBRO Supported Meeting and Workshop on Recent Progress in Brain Research and Drug Delivery organized by ISF College of pharmacy, Moga, from 13-15th May. 2022.
- Ms Prachi Verma, studying in B.Pharm under the guidance of Dr. Vijender Kumar has **secured Second position** in E-Poster competition in AICTE sponsored decennial national conference on Recent trends in industrial Pharmacognosy organized by Department of Pharmacognosy, Mother Teresa Post Graduate Institute of Health Sciences, Puducherry.
- Harkriti Gangwani BPT – Ist Year won 1st prize in Shake it up dance competition, organized on 08.05.22 by Motilal Nehru College as a part of their annual fest-LitCelebrate'22.

दिपसरु - कुलगीत

भेषज विज्ञान के कल्पतरु हे दिपसरु,
भारत भेषज के वैभव हे विपदहरु,
भेषजीय विज्ञान अभिज्ञान भेषजगुण विज्ञान दिपसरु।
स्नातक परास्नातक वारिधि के गुरूकुल हे विषम हरु।। भेषज...
भेषज गुण औषधीय वृक्ष, विज्ञान के संगम हे दिपसरु,
हे दिपसरु 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



Academic Units of DPSRU

DIPSAR

Industry - Institute Promotion Ecosystem

DPSRU Bioincubator
(Supported by BioNest)

Centres of Excellence

- Ocular Pharmacology
- Clinical Research (BA/BE Centre)
- Nano-Technogy
- Advanced Herbal Drug Formulation
- Drug Discovery Centre
- Pharmac-ovigilance & Outcome Research

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