

भैषजिक समाचार@DPSRU Newsletter

Delhi Pharmaceutical Sciences and Research University

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

M.B. Road, Pushp Vihar, Sector 3, New Delhi - 110017

Strategies to Fight Post - COVID 19 effects: Meditation & Yoga Centre

A glimpse of this issue

- New General Council and Board of Governors
- New Adjunct professors @ DPSRU
- Center for Meditation and Yoga Sciences
- Introducing New Courses in DPSRU
- New Projects
- Licence for sale for CoroQuil_Zn
- Publications and Patents
- IT development in progress
- World Class skill center to come up
- Faculty Achievements
- Community Services and Other Activities conducted @DPSRU
- GPAT Qualifiers





“You don’t have to control your thoughts. You just have to stop letting them control you.” – Dan Millman



A Message from Vice Chancellor's Desk



“बढ़ चले २०२०” से सुनेहरे २०२१”
इस कल्पना के साथ 2021 की शुरुआत हुई।

General Council was held on Jan 03' 2021 and Hon.'ble Chancellor Shri Anil Baijal ji appreciated the progress of the University and supported our desire to provide additional land to the university and also to connect officially with hospital of Govt. of NCTD for various academic programs and research. Hon.'ble Dy CM Shri Manish Sisodiya expressed his happiness for the proposal “Centre of meditation and Yoga” at DPSRU. Hon'ble Board of Governors approved to start eight new courses with a sanction for various posts of teaching and non-teaching staff.

Our dynamic faculty submitted 13 research projects and Dr Sushma Telegaonkar got 67.6 lakh project. Dr Saurabh Dahiya got a sanction of approx. Rs. 1 lakh for AICTE Atal FDP Program and received approval for developing MOOCs courses in Pharmacy for SWAYAM online learning platform. The faculty published 43 research papers, 6 books, 10 book chapters and filed 2 patents in the first quarter of 2021. Our faculty members received 7 awards.

In the New Year, General Council and Board of Governors was reconstituted. Our University appointed two new Adjunct Professors: Dr Kamendra Singh and Dr Subbu Appasundaram. The biggest achievement was All India 1st and 4th ranks in GPAT grabbed by our B.Pharm. students - Mr. Gaurav Gupta and Mr. Abhishek Gabba. In all for 4th time consistently our students hit half centuries in number of GPAT qualification.

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 Tamil nadu for manufacture & sale and Clinical Trials for Covid-19 patients got successfully completed. AYUSH permission is awaited.

Let is continue to mark further.

जैसा श्री अमिताभ बच्चनजी ने कहा
"कोरोना एक बुरा वक्त है वक्त ही तो है,
गुजर जाएगा"

Prof. Ramesh K. Goyal





A Message from Registrar's Desk



The prevalent disruptive conditions created by the second wave of COVID-19, has adversely affected all walks of life, including the Education system. These conditions do not permit continuation of education through the commonly practiced conventional means like classroom dissemination. Therefore, in order to maintain uninterrupted continuity of education at our university for our students, we have adopted various innovative methods like Google Classrooms, to facilitate uninterrupted continuation of our courses and programs. The university successfully conducted the End-term university examinations in online mode during such unprecedented critical times.

The long pending issue of our Faculty and staff members regarding National Pension Scheme is now being implemented. The university is gradually moving for Infrastructure Development with support of GNCTD and shortly more space will be added to meet academic requirement for new proposed courses.

We are committed to ensure the provision of healthy and safe environment to all personnel and enabling efficient and uninterrupted continuity of education to all its students.

Dr. O.P. Shukla

New General Council and Board of Governors



Chairman:

- Shri Anil Bajjal, Hon'ble Lt. Governor & the Chancellor

Ex-Officio Members:

- Prof. Shridhar Dwivedi – Chairman BOG
- Prof. Ramesh K. Goyal - Vice Chancellor, DPSRU
- Dr. S.B. Deepak Kumar, IAS, Secretary, DTTE, GNCTD
- Shri Sandeep Kumar, IAS, Secretary, Finance, GNCTD

Persons of eminence nominated by the Chancellor :

- Dr. C.R. Babu, Professor Emeritus and Former Pro-VC, Delhi University
- Shri Rajeev Singh Raghuvanshi, Secretary cum Scientific Director, Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Govt. of India
- Shri Pankaj Ramanbhai Patel, Chairman & Managing Director, Cadila Healthcare Ltd.

VC Nominee:

- Prof. P.K. Sahoo, Offg. Director, DIPSAR

Non- Member Secretary:

- Dr. O.P. Shukla, Registrar, DPSRU



Chairman:

- Prof. Shridhar Dwivedi, Cardiologist & Medical Educationist

Ex-Officio Members:

- Prof. Ramesh K. Goyal, Vice

Chancellor

- Dr. S.B. Deepak Kumar, IAS, Secretary, DTTE, GNCTD
- Shri Sandeep Kumar, IAS, Secretary, Finance, GNCTD

Members nominated by the Chancellor:

- Prof. Vishwa Mohan Kotch, Ex. Director General, ICMR, Govt. of India
- Dr. Arun Kumar Agarwal, Former Dean, MAMC, Govt. of India
- Dr. Rajesh Jain, MD Panacea Biotech
- Prof. K C Upadhyay, Ex VC MS University Baroda and Emeritus Prof JNU, Delhi

VC Nominees:

- Prof. P. K. Sahoo, Offg. Director, DIPSAR
- Prof. Geeta Aggarwal, Dean Academics, DPSRU

Non-Member Secretary

- Dr. O. P. Shukla, Registrar, DPSRU

'We are what we think. All that we are arises with our thoughts. With our thoughts, we make the world' - Buddha

New Adjunct Professors at DPSRU



Dr Kamendra Singh, Ph.D
Associate Research Professor,
Bond Life Sciences Center
University of Missouri Columbia, USA

Dr Singh has done his Ph.D in Quantum Physics in 1994 from BHU. He is serving as an Assistant Director Molecular Interactions Core, University of Missouri Bond Life Sciences Center Columbia, USA, and an Associated Faculty at Karolinska Institute Huddinge Stockholm, Sweden, ; and also Adjunct Assistant Professor with Rutgers - New Jersey Medical School, Rutgers University Newark, USA. He has been awarded with 10 Research Projects with huge grants ranging from \$ 100,000 to \$ 465,000. He has published more than 110 publications and has 3 patents to his credit, including (a) Suppression of SARS replication by SARS helicase inhibitor (b) Inhibitors of foot and mouth disease virus targeting the RNA-dependent polymerase activity of 3Dpol (c) Inhibitors of AXL- Gas6 signaling as therapeutics for cancer and related conditions. - Licensed.

Dr Singh is a trained biochemist and structural biologist. His research employs a combination of experimental and computational tools to address questions pertaining to basic science, and drug-discovery and drug- design.

His current research focuses on three components: (a) HIV drug susceptibility and resistance. (b) Study of the mechanism of nucleic acid metabolism by bacterial, viral and mammalian nucleic acid polymerases and helicases. (c) The discovery of small molecule inhibitors targeting different viruses and cancer



Dr. Subbu Apparsundaram
CDO &COO, Co-Founder
Celix Biosciences, Inc.
Newark, New Jersey, USA

Dr. Apparsundaram, is an established scientist with extensive experience in drug discovery, pharmacology, neuroscience, and immunology. He did his Ph.D in Pharmacology from University of Houston, Houston, Texas in 1995 and his Post-doctoral training in Neuroscience & Pharmacology from Vanderbilt University, Nashville, Tennessee from 1995-98.

He has solid experience in conceptualizing, formulating and implementing basic science to drug discovery strategies. He is highly skilled in target validation, lead identification and clinical candidate selection.

Prior to founding V ClinBio, he was a Drug Discovery Scientist at Hoffmann-La Roche Pharmaceuticals where he provided team leadership for neuroscience and inflammation projects and enabled research teams to achieve lead selection, lead optimization and clinical candidate selection milestones. He was also a faculty at the University of Kentucky Medical Center.

He has published more than 40 peer reviewed research papers. He is also holding scientific advisory positions and board positions at various institutes.

“Out of suffering have emerged the strongest souls; the most massive characters are seared with scars.” – Kahlil Gibran

CENTRE FOR MEDITATION AND YOGA SCIENCES



Delhi Pharmaceutical Sciences Research University has always promoted certain outreach programs for fitness and health. In 2016, Yoga and Fitness center was started to provide 3 credit course for Yoga for students of Pharmacy and Physiotherapy in the University. Further, Certificate Course was started for general public.

Hon'ble Chief Minister GNCTD, Shri Arvind Kejriwal conceptualized the Centre for Meditation and Yoga Sciences to reach out the public with DPSRU to be the nodal center, connecting various schools in Delhi. Hon'ble Dy CM Shri Manish Sisodia with his vision and dynamism decided immediately to have the "Centre for Meditation and Yoga Sciences", with a one year (3 trimesters) course "Diploma in Meditation and Yoga Sciences".

While DPSRU is going to be the nodal center, it is going to have additional 15-20 centres across NCT of Delhi. The Delhi Government has sanctioned a budget of 25 crores for the center for the year 2021-22.

The vision of the course is to see that "every citizen is healthy through Spiritual and Scientific healthy practices." The mission of the center is "to encourage people practicing Meditation and Yoga Sciences and thereby spreading Harmony, Happiness, Health and Mindfulness" in the people of Delhi State.

The objectives of the Center for Meditation and Yoga Sciences are:

- To design, develop and impart various courses for Yoga, Meditation, and nutrition to promote healthy life style in the society .
- To promote the concept of Meditation and Yoga as the complementary therapy and sound health

- To establish satellite centers for spreading the knowledge and awareness for such programs.

In its initial phase over 550 students have been admitted for the diploma course and soon their active classes will be started. Alongside the Honorary Director, CEO and COO have already been appointed to carry out all the administrative works and to run the center smoothly.

By registering and training the students for the said program, the university will be able to:

- Enable the students to become competent and committed professionals willing to perform as trained Yoga Instructor.
- Make student to use competencies and skills needed for becoming effective Yoga trainer.
- To enable student to understand the type of Yoga and Meditation and able to spread the science to the society
- Acquaint student with the Practical knowledge of Yogasana, Kriya, Bandhas, Mudra, Meditation and Pranayama etc.

Students can work as Yoga Trainer in Yoga Studio, Yoga wellness Centres.

- Conduct Yoga Protocol at work places.
- Conduct yoga classes in Parks, societies, RWA etc.

In the first phase "Yoga and Meditation" was expected to provide herd immunity. Prof. Ramesh Goyal, VC, DPSRU feels that one of the major consequences of Covid-19 is occurrence of mental disturbances. This has created a dire need to unculcate culture of Yoga and Meditation to overcome this. It has been probably the intentions of Shri Kejriwal and Sisodia ji to initiate this.

"There is hope, even when your brain tells you there isn't." – John Green



INTRODUCTION OF NEW COURSES

DPSRU is introducing new courses for the academic session 2021-22 as per the approval of Academic Council and Board of Governors of University.

The following are the programmes for the academic session 2021-22:

- Executive M. Pharm. in Drug Regulatory Science
- MBA Pharmacy Economic & Trade
- BBA-Community Healthcare
- Bachelor of Medical Laboratory Technology (BMLT)
- Diploma in Medical Laboratory Technology (DMLT)
- B. Pharm. (Ayu) and PG Diploma in Plant tissue culture
- Mater of Physiotherapy (MPT)
- M.Sc. (Artificial Intelligence and Precision Medicine)

Executive M. Pharm. in Drug Regulatory Science:

The prime aim of this course is to prepare the candidates for Pharmaceutical world globally by strengthening regulatory skills along with the knowledge enhancement. It provides an opportunity to the candidates to learn about recent developments in regulatory sciences and its application in Pharmaceutical scenario. The programme is the best opportunity for those meritorious candidates who had not been able to complete their masters because of any reason. This would help the candidates to enhance their knowledge by entering the school once again and thereafter serving their organization in a better way.

Duration of course: 2 years or more (depending on the passing of modules by the candidate)

Pattern: Semester system

Student intake: 20

Eligibility Criteria for Admission: A candidate seeking admission to First Semester M. Pharm. must have passed:

- B. Pharm. Degree examination of an Indian University established by law in India from an institution approved by Pharmacy Council of India 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.
- Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should apply for the registration of the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.
- The candidate should be sponsored by their employer (Pharmaceutical industry /government organizations).
- Applications of the persons already in government service should be forwarded through proper channel.

The forwarding authorities should also certify that the entries in the application have been verified from the records and found correct, and that no disciplinary/vigilance proceedings are either pending or contemplated against the officer as well as no major/minor penalties imposed on the officer during the last ten years or the period of service, whichever is less.

MBA- Pharmacy Economic & Trade

MBA- Pharmacy Economic & Trade is a 2 year Post graduate Program designed to equip students with essential management skills with a specialist pharma focus on the trade and aspects related to the global economy and challenges. The candidates seeking admission to this course must have a bachelor's degree of Pharmacy. The Masters of Pharmacy Economic & Trade curriculum trains young professionals for decision making positions in pharmaceutical industries by providing a deep understanding of outstanding management capabilities in critical business functions including trade, finance, accounting, economics and marketing. The curriculum is designed to provide high-level problem-solving, analytical, critical thinking and self-reflection skills.

- Duration of Course: 2 years
- Pattern: Semester system
- Student Intake: 20
- Eligibility: B. Pharm.

BBA-Community Healthcare

BBA in Community healthcare is a 3 year bachelor degree program that equip students for community-focused care to enhance healthcare services. The curriculum designed in conjunction with academia and health care industry experts provides the opportunities for the students to master new skills and explore varied perspectives in public health care management. The program trains students for evaluating, presenting and researching data related to community healthcare management. The emphasis is on practical knowledge, field visits and personalized learning. The programme gives an opportunities for students to participate in basic, translational, interdisciplinary, community-oriented education and research.

Duration of Course: 3 years

- Pattern: Semester system
- Student Intake: 40
- Eligibility : 10+2 (PCB, PCM and PCMB)

Bachelor of Medical Laboratory Technology (BMLT)

BMLT or Bachelor of Medical Laboratory Technology aims to provide the students with sufficient knowledge and skills to carry out routine laboratory diagnostic procedures and some sophisticated laboratory diagnostic procedures.



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These students will be in a position to completely assist in the Biochemistry, Microbiology, Pathology, Virology and blood bank in all types of health delivery systems. The programme also deals with new advances in Management of Laboratories, instrumentation etc. The duration of the course is three years divided into six semesters with University theory and practical examination in each semester. Regular clinical Laboratory posting will be included as a part of curriculum to inculcate practical skills and practice techniques on diagnostic investigations, laboratory responsibility and supervision.

- Duration of Course: 3 years (Including Compulsory internship in accredited laboratory/hospital of 6 months duration)
- Pattern: Semester system
- Student Intake: 60
- Eligibility : 10+2 (PCB, PCM and PCMB)
- Provision of Lateral Entry for Diploma holders (DMLT holders)

Diploma in Medical Laboratory Technology (DMLT)

DMLT or Diploma in Medical Laboratory Technology is a 2 year diploma programme which provide skill oriented training and develop skilled professionals ready to work in hospitals, research laboratories, public & private health facilities and industrial laboratories.

The students will be trained to become Medical Laboratory Technicians 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. The course provides knowledge of diagnostic instruments and procedure and impart required proficiency in handling those instruments to enable these students to work in various laboratory settings.

- Duration of Course: 2 years (Including Compulsory internship in accredited laboratory/hospital of 3 months duration)
- Pattern: Semester system
- Student Intake: 60
- Eligibility : 10+2 (PCB, PCM and PCMB)

Bachelor of Pharmacy (Ayurved)-B. Pharm. (Ayu)

This course trains the individual to become a good manufacturing pharmacist of classical Ayurvedic formulations, a good quality control pharmacist and pharmaceutical technologist. The candidate can also enter into the services of food and drug control administration of the state.

- Duration of course: 4 years
- Pattern: Semester system
- Student Intake: 60
- Eligibility : 10+2 (PCB, PCM and PCMB)

PG Diploma in Plant Tissue Culture:

Plant Tissue Culture has become an important alternative where any plant species can be cloned and a large number of genetically uniform disease-free plants can be obtained within a short period of time. The technique enables production of plants in a small laboratory space round the year, independent of the season. The technique has been widely applied for large-scale production of quality plants including fruit plants, ornamentals, plantation crops, tree species, spices and condiments. The demand for tissue culture derived plants has been growing exponentially across the globe. A large number of tissue culture based industries have been engaged in commercial production of selected plant species in India and abroad. There is a huge demand for trained manpower in this sector. The course being offered will train manpower suited to the needs of the industry so that the trained personnel become employable. In addition, the course will also provide advanced training to become an entrepreneur in the said area.

Duration of course: 1 year

Pattern: semester system

Eligibility: The program targets to provide technical training in Plant Tissue Culture (PTC) to rural and urban unemployed youth who is BSc (Agriculture, Botany, Microbiology, Biotechnology), B. Pharm.

Master of Physiotherapy

School of Physiotherapy is going to commence Master of Physiotherapy in different specialties including MPT in Sports Medicine. In addition to Sports Medicine, MPT in Cardio- Pulmonary and Rehabilitation is also proposed. The Program is directed towards exposure to training in Specialty Clinical fields to enhance professional competence in order to fulfil requirement for Physiotherapy Education and Practice.

On completion of the course of study having successfully passed the examination, the candidate would be able to function as a consultant in the respective physiotherapy specialty through knowledge. The candidates may work as a Physiotherapist with various sports teams and sports clubs, Physiotherapists practice in many settings such as Government Hospitals, Defence medical establishments, Private hospitals, ICU set ups, Private Practice, Outpatient clinics, Health and Wellness clinics, in the rehabilitation Department., centers for the differently abled, schools for the mentally retarded and physically disabled children, Health institutions, in Multinational companies, Academics, Research Analyst in Research Centers, Schools and Private homes. They can also practice in non-patient care roles like health policy, health insurance, and Health care administration and as health care executives



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Physiotherapists are also involved in medical legal field serving as expert and performing peer reviews.

Duration of the course: 2 years

Pattern: Semester system

Eligibility: Candidates seeking admission to MPT in any specialty must have the degree of Bachelor of Physiotherapy from a recognized institute or university with a minimum of 55 % in aggregate.

M.Sc. in Artificial Intelligence and Precision Medicine

Master of Science (MSc) in Artificial Intelligence and Precision Medicine will provide training in the principles of AI and precision and stratified medicine and the clinical impact of individual molecular and lifestyle variability.

Research, education, employment, and investment has increased significantly in the area of Artificial Intelligence. It has been reported that global investment in AI start-ups grew from €1.2 billion in 2010 to €36.7 billion in 2018. During the COVID-19 crisis, China and the United States have taken a lead in using AI for automated diagnosis, exploring vaccines and treatments, and predicting disease development in society and individuals.

This course aims to train individual in applying concepts of Artificial intelligence in development of pharmaceuticals, diagnostics and precision medicine.

In view of improved understanding of the molecular basis of disease, drug mechanisms

and precision medicine in recent past, there is a shortage of qualified persons who are able to translate this knowledge into effective clinical utilization. Hence, this programme has been designed with the aim is to train the future scientists able to fast-track biological and scientific insights into advanced therapies and diagnostic tools.

The MSc course consists of four semesters with subjects varying from basic understanding of AI and Machine learning to understanding genetics and genomic, pharmacology of drug action, precision diagnosis and precision medicine, bioinformatics, drug discovery taught during four semesters. In addition to specialized courses, students have to undertake a research project in the last semester.

After completing the course, a candidate can choose from a range of projects covering areas such as the use of gene expression profiling, proteomics, metabolomics, pharmacogenetics in the biology of diseases such as cancer, cardiovascular disease, infectious diseases, stroke or diabetes. Completing this course will open up a route into Ph.D. research. You may also pursue a career in academia or the pharmaceutical or biotechnology industries, or as a clinical academic.

- Duration of course: 2 years
- Pattern: Semester system
- Student Intake: 15
- Eligibility: Any graduate in Science, Engineering, Pharmacy, Medical Science, Veterinary Science or equivalent

Open Elective Subjects Program of School of Allied Health Sciences

School of Allied Health Sciences, with its 3 departments of Pharmaceutical Management, Hospital Management and Public Health has 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. The open elective subjects give an opportunity to final semester students to understand the specific subjects which would have application in their professional life. The students were given an opportunity to choose any two elective subjects out the three options given to them. These elective subjects chosen were practical oriented and were opted by students based on their area of interest and were reflective of their career goals.

The "Open Elective Subjects sessions" were organized by School of Allied Health Sciences (SAHS) amidst the ongoing pandemic for the final year students of MBA-PM, MHM and MPH through online mode 1- 6 March 2021

The subject experts from pharmaceutical industry, hospitals and public health department were invited for elective subject sessions to provide the relevant practical knowledge to the budding professionals along with in-house faculty.

The Recommended Elective Subjects were as follows:

S. N	MBA-PM	MHM	MPH
1	KPO Management	KPO Management	Public Health Nutrition
2	Brand Plan	Hospital Accreditation	Health Information system
3	Entrepreneurship Management	Entrepreneurship Management	Supply Chain Management in Public Health



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The Open Elective Subjects Program commenced with an online inaugural session on 1st March 2021, under the guidance of Head of the Department (SAHS), Dr. Jaseela Majeed attended by the students and faculty of School of Allied Health Sciences.

Open Elective Sessions of MBA-PM and MHM

The elective subject sessions for the subjects KPO Management, Entrepreneurship Management were common and jointly held for MBA in Pharmaceutical Management and Masters of Hospital Management.

KPO Management: The session was covered by Mr. Dinesh Pandey, Chief of Staff Pharma Ace. The sessions included business analytics and consulting case studies. Students were taught about existing pharma industry and the role of consulting services. Sessions also included training on how to use resources available on the internet for collecting relevant and authentic data about diseases, drugs and related enquiries.

Brand Plan: The subject was covered by Ms. Reena Bhattacharya, Founder Renuto Consulting and Dr. Abhishek Dadhich, Assistant Professor, SAHS. The session commenced with learning about basics of pharma marketing and building a brand. Students were enlightened about process and strategies involved in developing a brand plan for a product/company, a unique hands-on learning experience, enabled students to learn from basics of building a brand plan and accordingly designing strategies for the plan. Various activity sessions and assignments were involved for a better learning experience to develop a final brand plan with the continuous support of the industry expert.

Entrepreneurship Management: Sessions for this subject were conducted by the faculty Communication Skills, Mr. Mayank Bhardwaj. The sessions involved relevant topics like Future growth of chosen expertise, Identifying the niche market, Finances/ Investors, logistics and procurement of materials, Staffing & hiring, skills development and developing future plans. The budding entrepreneurs discussed about building ideas into startups, gathering the right skill set and the path to follow, elevator pitch etc.

Hospital Accreditation: The sessions for Hospital Accreditation were conducted by Dr. Suhas Parnami, Medical Superintendent at B.L. Kapoor Super Specialty Hospital, Delhi, and Dr. Sheetal Yadav, Assistant Professor, SAHS. The sessions introduced the students to National Accreditation Board for Hospitals and Healthcare Providers and Joint Commission International. The students learnt the process of getting started on the road to accreditation and analyze the requirements of accreditation process, raising the quality of care for the patients.

Open Elective Sessions of MPH

Public Health Nutrition: Dr. Luxita Sharma, Associate Professor and Officiating Head, Amity Medical School, Amity University Haryana and Dr. Puneeta Ajmera, Associate Professor, SAHS conducted sessions for this subject. Students were enlightened about the interactions between nutrition and health, nutritional epidemiology, obesity prevention and intervention strategies for impacting health through nutrition. Students also had the opportunity to know about application of nutrition indicators for different public health purposes, including estimating prevalence, monitoring and surveillance, and investigating diet and disease relationships.

Health Information system: Sessions for this subject were conducted by three experts viz. Dr. Meera Dhuria, Joint Director, Epidemiology Division, National Centre for Disease Control (NCDC), New Delhi, Dr. Himanshu Chauhan, Joint Director CSU, Integrated Disease Surveillance Program (IDSP), NCDC New Delhi and Dr. Priyanka Chauhan, Lead Clinical Informatic Analytic, Spectramedix Pvt. Ltd. Gurgaon. Dr. Meera apprised the students regarding the status of Telemedicine services in India. Dr. Himanshu Chauhan enlightened the students about Integrated Health Information Platform and the role of IDSP in strengthening the disease surveillance in the country. Dr. Priyanka Chauhan discussed about Health Management Information Systems in India, Paperless Hospital management and approaches to Hospital Information System. Students learnt about the role of information technology in Public health organizations from all the sessions.

Evaluation was done on the basis of assignments and presentations.

The Open elective sessions gave benefit to the students from learning the requisite skill sets out of the classroom, allowing a unique hands-on learning experience, also the opportunity to complete hands-on consulting projects and explore career opportunities along with improvising their presentation skills. The Program Co-ordinators were Dr. Puneeta Ajmera, Dr. Abhishek Dadhich, and Dr. Sheetal Yadav for MPH, MBA-PM and MHM with overall supervision of Dr. Jaseela Majeed, Head, School of Allied Health Sciences. The entire event was well appreciated by students through feed back.

In short, the entire one week Open Elective Subjects sessions helped the young professionals to explore the practical application of the management/ health care concept and could empower them in developing their capability to do creative innovation and the ability to execute the same in real-life situations

New Project Sanctioned

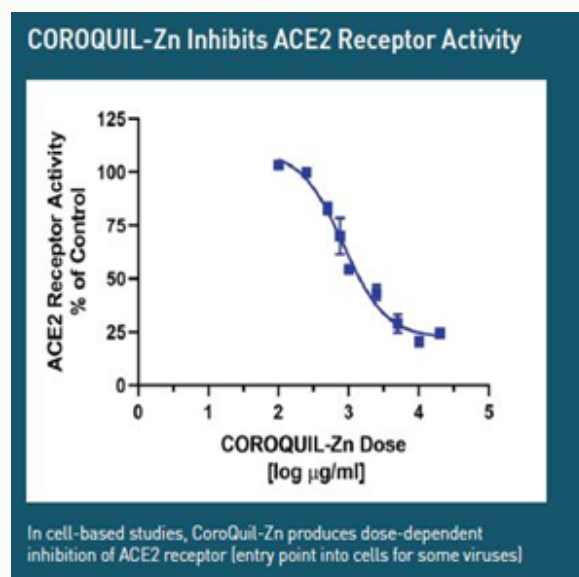
A project for amount of Rs 67.6 Lakh entitled Development of functionalized dual loaded herbal nanocolloidal carrier: Active targeting and repositioning of teriflunomide for synergistically enhancing role of sulphoraphane in combating triple negative breast cancer” has been sanctioned to Dr Sushama Talegaonkar from Science and Engineering Research Board (SERB).

Projects Submitted

- Establishing and validating a novel topical formulation of sheep placental extract in diabetic foot ulcer.'**
 Team Members: Madhu Gupta, Ramesh K.Goyal, A. Nazeerul Ameen, Bazikov Igor Alexandrovich
 Grant: 49 Lakhs
 Agency: DBT-BIRAC-BIG
- Assessing the co impact of naringenin and vancomycin loaded novel thermosensitive hydrogels on chronic wound repair management.'**
 Faculty Member: Madhu Gupta
 Grant: 30 Lakh
 Agency: DST-SRG
- Antimicrobial peptides functionalized PAMAM dendrimers for biofilm targeting for power grant.'**
 Team Members: Deepti Pandita, Geeta Aggarwal.
 Agency: DST
- Multifunctional Mesoporous Silica Nanoparticles for Targeted Drug Delivery and Radio Imaging in Breast Cancer Management.'**
 Team Members: Deepti Pandita (PI), Geeta Aggarwal (CoPI) and Dr Gaurav Kumar Jain (CoPI).
 Funding scheme: DST-CRG
- Potential Role of Metformin in Cognitive and Affective Abnormalities Associated with Diabetic-Obese Mice.'**
 Team Members: Dr. Ajit Kumar Thakur (PI) & Dr. Rajiv K. Tonk (Co-PI).
 Agency: AICTE, New Delhi
- 'Efficacy and Molecular Mechanistic Studies on Minocycline for the Treatment of Cognitive Dysfunction associated with Neurodegenerative Diseases.'**
 Team Members: Dr. Ajit Kumar Thakur (PI) & Dr. Anoop Kumar (Co-PI).
 Agency: SERB-DST, India
- 'Molecular Mechanistic Studies on Glycyrrhizin as Novel Pharmacotherapy for Cognitive Dysfunction associated with Neurodegenerative Diseases.'**
 Team Members: Dr. Ajit Kumar Thakur (PI) & Dr. Rati Kailash P. Tripathi (Co-PI).
 Agency: DST, India
- 'Bioassay-guided isolation and identification of lead Phyto molecules from selected ethnomedicinal plants of North-East India for the treatment of Alzheimer's Disease associated neuroinflammation and oxidative stress.'**
 Team Members: Dr. Rati Kailash P. Tripathi (PI) & Dr. Ajit Kumar Thakur (Co-PI).
 Agency: DST, India
- 'Physical inactivity and health related problems during COVID-19 pandemic - COVvorkout.'**
 Team Members: Prof Richa H Rai (PI), Prof. Priyanshu V Rathod (Co-PI), Prof. Aleksandar Ignjatovic (PI), Prof. Dragan Radovanovic (Co-PI).
 Agency: India Serbia Joint
- 'A Clinical Study on the Effect of Surya Namaskar on ANS and HPA biomarkers in college going Young Adults.'**
 Team Members Prof Richa H Rai (PI), Dr Gaurav Jain (Co-PI), Dr Sheetal Kalra (Co-PI).
 Agency: DST
- 'Ab initio molecular dynamics simulations for zika virus envelop protein with endohedral metallofullerene using time dependent density function theory.'**
 Faculty Member: Dr Priti Jain (CoPI)
 Agency: DST SERB CRG.
- 'Design, Synthesis and Pharmacological evaluation of multifunctional hybrids inhibiting BACE 1, Acetylcholinesterase and Butyrylcholinesterase as Anti-Alzheimer's agents'**
 Faculty Member: Dr Priti Jain (PI)
- Design, Synthesis and Evaluation of Novel Ligands for the Treatment of Dengue.'**
 Faculty Member: Dr. Sahil Kumar (PI)
 Scheme: Swarnajayanti Fellowships
 Funding Agency: DST
 Project Budget: Rs. 30 Lakhs

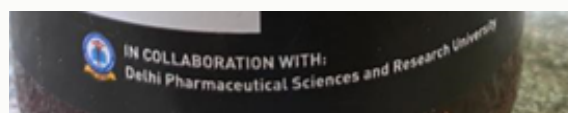
Licence for Sales for **COROQUIL-Zn** Granted Clinical Trials Completed & AYUSH Approval Awaited

COROQUIL-Zn is the first in the world, modulating to ACE-2 receptors of SARS-CoV-2. It disrupts the viral spike protein-host cell ACE2 receptor interaction and reduces the virus entry into human host cells. In the cell-based studies carried out at the University of Missouri, USA by our Adjunct Professor Dr Kamendra Singh COROQUIL-Zn was found to produce dose dependent inhibition of ACE-2 receptors as waund by us in the molecular docking studies Delhi Pharmaceutical Sciences and Research University. Currently, the University is carrying out in vivo studies in animals to establish its post Covid-19 effects in lungs and brain



COROQUIL-Zn formulation was developed by Delhi Pharmaceutical Sciences and Research University, in collaboration with Remedium Therapeutics. It has been granted the licence for manufacturing and sales by Jammi Pharmaceuticals Pvt. Ltd. Chennai. Clinical Trials Phase 3 study for capsules got completed at Sri Lakshmi Super-speciality Hospital, Bengaluru in mild and moderate COVID-19 patients as per the "AYUSH and ICMR guidelines for Pandemic Trials" and Ethics Committee standards and approvals with CTRI registration (CTRI/2020/12/029735). The results are now in the CTRI public domain.

This is a novel re-purposed Ayurveda formulation for the treatment of patients with COVID-19 using edible plant ingredients and Zinc nanoparticles documented in Ayurvedic Pharmacopoeia.



The clinical trial study was an open-label, two-arm, parallel design, prospective, single-centre, phase 3 study in 120 patients to assess the safety and efficacy of COROQUIL-Zn when compared to the Standard of Care Treatment. The results of Clinical trial studies, as reported by Dr Subbu Apparsundaram, Adjunct Professor, DPSRU, showed that COROQUIL-Zn treatment produces significant reduction in viral load (46%, 89% and 100% patients becoming RTPCR negative on 5th, 7th and 14th Day respectively as compared to 6%, 44% and 89% respectively in the other group) with a distinct clinical improvement in the severity of dyspnoea and recovery rate. Our formulation is expected to be beneficial and provide a solution to the current unmet need for Covid-19 patients during this ongoing pandemic.

"Let your story go. Allow yourself to be present with who you are right now." – Russ Kyle

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“My dark days made me strong. Or maybe I already was strong, and they made me prove it.” – Emery Lord

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Patents

- Reena Badhwar, Kushagra Khanna, **Harvinder Popli**. Fabrication and optimization of herbal topical Hydrogel for Chronic wound including Diabetic Foot Ulcer: Its Safety and Comparative Efficacy in Animal wound Models.
- **Geeta Aggarwal**, Manju Nagpal, **Ramesh K. Goyal**. National patent on "Stable Pharmaceutical nasal composition for Rhinorrhea". Application number: 202011007732 (Full application filed in Jan 2021)

IT Development Progress (Dr. Prabodh Chander Sharma)

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' vision 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:

- Configuration of properly managed learning management system for the University. 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.
- Facilitation in the procurement of New Computers and new printers in the University.
- Providing internet connections/WIFI hotspots for facilitating the faculty members for taking online classes, practical experimentation and examinations.
- Extension of LAN internet connectivity from DIPSAR building to DPSRU building through laying and installation of Data Fiber network.
- Installation and configuration of WIFI internet connectivity to all the offices and requisite places of Ground Floor of DPSRU New Building. Interlinking of computers of accounts branch through creation of LAN for safe use and effective surveillance by the officers.
- Extension and installation of internet facility including WiFi facility to newly created Centre for Yoga and Meditation on immediate basis.
- Creation and management of institutional e. mail addresses of all the faculty members and officials of the University.
- Creation and management of institutional e. mail addresses of all the students of the University.
- Porting of the institutional e. mails from Webmail platform to the Google Platform.
- Supporting in several institutional activities and providing IT related support in conduct of various online meeting, programmes, workshops, convocation, etc.

"You, yourself, as much as anybody in the entire universe, deserve your love and affection." –
Buddha

DPSRU to get new buiding for WORLD CLASS SKILL CENTRE (WCSC)

Skills and knowledge are the driving forces of economic growth and social development of any country. The economy becomes more productive, innovative and competitive through the existence of more skilled human potential. The level of employment, its composition and the growth in employment opportunities are the critical indicator of the process of development in any economy. 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. The setting-up of this World Class Skill Centre in Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi as a nodal centre under the sector "Health and Wellness fulfilled its objective and create the skilled people that is the valued assets to the country.



The courses offered by the DPSRU-WCSC centre evolved as per requirements of the industry and fitted with new facilities. DPSRU-WCSC has started initially the Sports Fitness and yoga Application, Sports Digitalization and Performance Management and Beauty Wellness Consultant courses. DPSRU-WCSC centre was established at 2018 and successfully completed 2- batches, March

2019 to Feb 2020 (Phase I) and Aug 2019 to July 2020 (Phase II) with almost more than 70% placements in their respective sectors. The adopted methodology was self-reliant learning with focus on peer learning. Course was conducted in English language. Assistance was provided to all trainees for placement in respective sector and start-ups for gainful employment.

In order to have proper functioning of the DPSRU-WCSC Centres in the Capital City of Delhi, an appropriate infrastructure expansion is required. In year 2021, DPSRU-WCSC centre is planning to expand their infrastructure as "WCSC Block above Swimming Pool (Block-E)": for creating the new courses under the sector "Health and Wellness. We hope, such type of courses will be a landmark in the mentioned sector and fulfil the market demand including the pandemic days. DPSRU-WCSC has planned to run the certificate courses like Healthcare Assistant, Medicine Management, and retail Chain Pharmacy in this academic year. DPSRU-WCSC has received a grant of around 10 crores in year 2021 from Govt. of NCT Delhi, DTTE for development of additional infrastructure for starting the some newer skill related courses as per market needs. We have determined the primary focus of these infrastructures along with their essential objectives, components, and the procedure of developing them to the optimum level.

The infrastructures expansion will be done on the pattern of recent concepts "A Global Leader for Innovations in Technical Education" that will based on a holistic "Hands-on, Minds-on, Hearts-on". This expanded centre will equip with latest projectors smart class room, high level experimental labs equipped with latest Training and research equipment and many more mandatory to meet the environment and to achieve their best.





Awards and Achievements

• Abhishek Wahi, Dr Priti Jain

A paper was prepared by Dr Priti Jain and Mr Abhishek Wahi on "Telemedicine: A New Approach to Healthcare System". It was submitted to NMIMS for the National Conference On Emerging Trends in Techo-Management System 2021. Mr Abhishek (Student of B Pharm Sem 1, DPSRU) delivered oral presentation at this event held on 10th April 2021. He won first runner up in this event. He was the youngest participant and was acknowledged as most knowledgeable candidate. The event was judged by Professor from IIM, Indore.



• Prof Harvinder Popli

Awarded Dr APJ Abdul Kalam Lifetime Achievement National Award in Research and teaching category on 17th April held at Bangalore by National Institute for Economic Development.

Prof Harvinder is actively involved in the distribution of health supplements and other essential items in communities to fight against the pandemic since India was hit by first wave of COVID-19.



• Rabeena, Shilpa Jain

1st prize in UG category; "comparison of accuracy of aerobic capacity, heart rate and body mass index by manual method versus mobile software application in healthy young adults" in e- paper presentation during the sports connect 2021 -14th february 2021



• Dr. Deepti Pandita

Included in top 2 % of the most-cited scientists of 2019, on the basis of database created by Stanford University, USA, based on standardized citation indications, and was published in PloS Biology.

• Dr. Madhu Gupta

Honored with 'APP Outstanding Oration Award, Late Sh. Tarsem Jain Memorial Award 2021 during 12th Indo-US Conference on "Nanotechnology in the Pharmaceutical Sphere: Contemporary Approaches and Therapeutic Applications" at Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh, Bardoli, Surat, Gujarat organized by APP Gujarat State Branch & APP American International Branch in collaboration with DD University, Nadiad, Gujarat & APP Drug Design Med Chem Division on the 30th day of January 2021

"Mental health...is not a destination, but a process. It's about how you drive, not where you're going." - Noam Shpancer



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- **Dr Sushama Talegaonkar**
Awarded: Distinguished Researcher Award 2021
It is awarded for significant contribution to pharmaceutical research by Association of Pharmacy Professionals (APP)
- **Gaurav Kumar Jain**
Awarded IPA Best Product award
- **Prof Dr Richa H Rai**
Date: April 2020-April 2021
Consultation for Post COVID Respiratory physiotherapy online for University as well as patients outside university (online)

- **Mr. Anoop Kumar**
Star Performer award for most active, regular participation and being a distinct scorer at AICTE sponsored two weeks online Faculty Development Program (FDP) titled "Exploration of Nascent Pedagogical Tools for Updating Teachers of Pharmacy Education" conducted by Lloyd Institute of Management and Technology (Pharm.), 8th- 20th March, 2021.
- **Dr Foziyah Zakir**
Young Researcher Award by InSc (Institute of Scholars), 2021, Vol 6, Issue 3

Faculty as Resource Persons

Prof. Ramesh K Goyal

- Date: 16.01.2021
Topic: Emerging Opportunities and Challenges for Hospital Pharmacy in India after COVID 19; in 55th IHPA Conference Hooghly, West Bengal
- Date: 28.01.2021
Topic: Giving the Best to the Students through Academic Flexibility and Provisions from NEP 2020 at Garden city University Bangalore.
- Date: 25.02.2021
Topic: Ecosystem for R & D and Innovation: Moving Up the Value Chain; at 6th Intl. Conf. of Pharma Industry, New Delhi.
- Date: 04.03.2021
Topic: Chemistry, Phytochemistry & Drug Discovery: Current Challenges & Opportunities (Post COVID); at NIT, Warangal.
- Date: 04.03.2021
Topic: From in-silico to Bedside: Herbal Medicine for the Treatment of COVID-19 and its After effects in Lungs & CNS; at DBT-IBCD, Kolkata
- Date: 10.03.2021
Topic: Proposal Writing in Biomedical Research; at V. Patel Chest Institute, New Delhi.
- Date: 21.03.2021
Topic: Scope of WHO-GMP Certification in Pharmaceutical Industry & Government support, at PHD Chambers, New Delhi
- Date: 25.03.2021
Topic: Pharmacology & Therapeutics Principles of Managing COVID-19, at NAMS, New Delhi.

Prof. Dr. Geeta Aggarwal

Date: 27.03.2021
Topic: Expert Speaker on Validation
Organized by: Sterling Institute of Pharmacy, Nerul, New Mumbai

Dr Deepti Pandita

Date: from April 5th-9th, 2021

Topic- Research Ethics: Challenges and Recommendations
Event: One-week PhD workshop on "Research Methodology and Academic Writing Skills"
Organised by: M.D University, Rohtak

Prof (Dr.) Richa Hirendra Rai

- Date: 26.01.2021
Topic: Effects of Physical Training on Emotional Health
Event: International Scientific and Practical Conference "Religious and Cultural Environment as a Factor of Treatment and Rehabilitation of Patients with Coronavirus
Organized by: "Zhuravli" and the Institute of Oriental Studies of the Russian Academy of Sciences

Dr Sushama Talegaonkar

- Date: 8.03.2021
Topic: "Women's health- Societal Wealth"
Title of Event: Webinar on "Role of Pharmacy in Women's healthcare"
Organized by: Department of Pharmaceutical Sciences and Technology, Birla Institute of Technology, Mesra, Ranchi.
- Date: 03.03.2021
Topic: delivered a talk on "Ethics in Research"
Title of Event: Phase II of AICTE sponsored Short Term Training Programme
Organized by: Columbia Institute of Pharmacy, Raipur (CG), from 1st March to 6th March
- Date: 30.01.2021
Topic: delivered a talk on "Functionalized Nanoliposomes for Effective Treatment of Rheumatoid Arthritis" in APP 12th INDO- US Virtual Conference
Event: Nanotechnology in Pharmaceutical Sphere: Contemporary Approaches and therapeutic Applications
Organized by: Association of Pharmacy Professionals

Continued.....

Dr. Sheetal Kalra

Date: 14/02/2021
 Topic: Sports Physiotherapy in India. Are we in Right direction?
 Event: National online Sports conference- SPORTS Connect-2
 Organized by: SPORTS CONNECT

Dr. Gaurav Kumar Jain

Date: 29-Jan-21
 Topic: Investigate the dispersion and deposition pattern of exhaled droplets during nebulization process using scintigraphy
 Event: NAPCON 2021
 Organized by: Indian Chest Society
 Sponsored by: Cipla

Dr. Madhu Gupta

- Date: 10.02.2021
 Topic: Role and Application of Nanotechnology in Drug Delivery
 Event: Trends and Challenges in Pharmaceutical Sciences
 Organized by: SRITS, Bhopal APP Rajasthan State Branch & APP American International Branch
 Sponsored by: APP Rajasthan State Branch & APP American International Branch
- Date: 29.04.2022
 Topic: Polymer-Lipid Hybrid Nanovehicles Designed For Synergistic Drug Delivery For Solid Tumor Management
 Title of event: 4th International Conference on Materials Science and Research

Dr Puneeta Ajmera

Date: 13.03.2021
 Topic: Healthcare Research Methods
 Event: Report Writing in Healthcare Research
 Organized by: Amity Medical School, Amity University Haryana

Dr. Foziyah Zakir

Date: Feb 27, 2021
 Topic: Intranasal delivery system as new treatment paradigm for the treatment of post menopausal osteoporosis
 Event: Webinar on Pharmaceutics and Drug Discovery
 Organized by: Longdom Conferences

Mr. Anoop Kumar:

Topic: Delivered an expert talk on "Meta-analysis in COVID era: how much helpful?"
 Event: "Medicinal plants Mega Conference and Exhibition 2021"
 Organized by: Department of Pharmaceutical Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar

Dr. Prabodh Chander Sharma

- Date: 13.01.2021
 Topic: Green Chemistry for Societal Needs: Understanding Principle of Microwave Assisted Organic Synthesis
 Event: AICTE Sponsored STTP on Computer Aided Drug Designing: A customized and innovative solution to the Greatest Challenges in Chemistry
 Organized by: COP, Bela.
- Date: 30.04.2021
 Topic: Man versus Microbe: Combating the threat of antimicrobial Resistance
 Event: Ayushman Bharat Divas
 Organized by: Department of Pharmaceutical Sciences, Chaudhary Bansi Lal University.

Dr Mukesh Nandave

- Topic: Current Trends in Drug Discovery and Formulation Development
 Event: AICTE-ISTE Sponsored One Week Induction/Refresher Programme from 6th to 12th May 2021
 Organized by: Parul Institute of Pharmacy and Research, Parul University, Vadodara.
- Topic: "Scientific Research Paper, Patents and Research Proposal Writing for Grants and an Ethics" during AICTE sponsored One week (Online) STTP, scheduled from 25-30th May 2021
 Organized by: R. C. Patel Institute of Pharmaceutical Education and Research (RCPIPER), Shirpur (MS)
- Date: 19th and 20th March 2021
 Event: Two days National Conference on Recent Trends in Applied Aspects of Biological Sciences (NCRTAABS)
 Organized by: PSG College of Arts and Science, Coimbatore

Dr. Foziya Zakir

Date: Feb 27, 2021
 Topic: "Intranasal delivery system as new treatment paradigm for the treatment of post menopausal osteoporosis"
 Title of Event: Webinar on Pharmaceutics and Drug Discovery
 Organized by: Longdom Conferences

Sapna Dhiman

Date: 29.01.2021
 Topic: Pediatric Development
 Organized by: Amity Institute of Physiotherapy

Dr. Priti Jain

Event: AICTE sponsored one week online STTP on Scientific Research Paper, Patents and Research Proposal Writing for Grants and an Ethics, (25-4-21 to 30-4-21)
 Organized by: R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur.

Morning Chirping Birds at DPSRU Campus

During last 40 days lockdown period where movements of students and faculty staff members are restricted, DPSRU ecosystem goes under rejuvenating process with onset of summer season



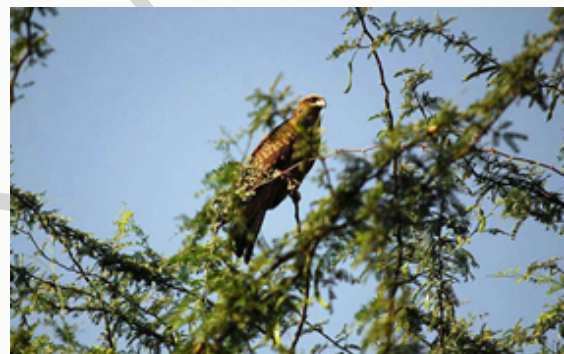
DPSRU campus is treated to a shower of neem flowers every day. The tiny white mogra flowers across the pathways making blissful atmosphere with its sweet fragrant. The nature made yellow carpet powdered flower with its mellow smell overwhelms the campus atmosphere by making it ravishingly attractive and elusive at the same time. The lush green DPSRU campus with diversified flora and fauna always bound to attract mesmerizing birds. Apart from the ubiquitous Blue Rock Pigeon and House Crow, a gamut of avian friends can be seen or heard in every morning outside of the B Block quarters and residential complex. Some of them are:

A medium-sized **Oriental Magpie Robin** with a broad white wing bar running from the shoulder to the tip of the wing. Note white outer tail feathers, particularly when in flight. Male's sport black-and-white plumage while the females are greyish brown and white.



Common Myna also known as Indian Myna. It is an omnivorous open woodland bird with a strong territorial instinct IUCN Species Survival Commission declared it one of the world's most invasive species and one of only three birds in the top 100 species that pose an impact to biodiversity, agriculture and human interests.

Pariah Kites is the most common bird of prey usually can be seen in the sky of DPSRU campus they are distinguished from every other bird of similar appearance by a forked tail. Locally they are known as "Cheel".



Koels is an elusive bird as far as sightings are concerned, Koel is one bird always noticed because of its beautiful voice. Immortalized in Indian legend and lore as a master of song, Koel's call reverberates through tree-groves, gardens forests and fields, especially during the monsoon season when it is in its element. Males are black, while females are a duller brown with white spots



Yellow-billed babbler is very similar to the Jungle Babbler. Yellow-billed babbler has pale spot in front of the eyes and a pale crown that contrast with the dark throat and cheeks giving it a pale capped and blank-faced appearance. It has pale blue eyes and a pale base to its tail.



Brahminy Myna or **Brahminy Starling** found only in Indian Subcontinent. Its head has a black crown nape (back of the neck) and crest, and the underneath of the tail is white



White throated Kingfisher is a prominent, beautiful bird that frequently found near reservoirs, lakes, riverbanks, and ponds. While it does not exclusively feed on fish, it can be seen hunting lizards and other small animals as well. The bird has a harsh, throaty call that heralds its appearance from a distance



Black Drongos are often called the 'police' of the bird world. Distinctively black, slender birds with deeply forked long tails, these birds are found in the city's dry forests, as well as its manicured gardens, open fields on the outskirts and river fronts. Ferocious to a fault, they can chase away birds much larger than themselves when under threat.



Finally concluded here "Beauty lies in the eyes of the beholder." If we open our senses towards wonder of nature, we can still discover such beauty around us.

Dr. Abhishek Dadhich

Credits for some pictures:

https://ebird.org/species/magrob?siteLanguage=en_IN
https://ebird.org/species/commyn?siteLanguage=en_IN
<https://www.beautyofbirds.com/commonmynas.html>
<https://so.city/delhi/article/bird-spotting-these-are-9-types-of-birds-youll-find-in-delhi>
<https://birdsoftheworld.org/bow/species/asiko-e2/cur/introduction>
https://ebird.org/species/yebbab1?siteLanguage=en_IN
<https://bubobirding.com/birding-in-india/>
http://www.indianaturewatch.net/view_cat.php?tag=BLACK%20REDSTART

Community Services (ASSRM Covid Support)

With the Covid-19 second wave at its peak, our nation is struggling to keep up the fight against illness and the lack of resources is only making things worse. Cases multiplying every day resulting in the whole medical system is on the verge of collapsing with the overload of the patients and lack of resources. This has left people confused, scared and panic causing difficulty in finding verified leads to get the required help.

In these extreme times of crises, the Academy of Sports Sciences and Research Management (ASSRM) has taken the responsibility to do its part and has launched a digital initiative with "ASSRM Covid Support" to help people by compiling all the verified information at a single place for Oxygen cylinders, Hospital beds, Remdesivir injections, etc. from all the different available sources. ASSRM has started a "ASSRM Support Application" connected to a WhatsApp group named "ASSRM Covid Help". The user can find all the verified and functional leads related to availability of oxygen cylinders, Ambulance, Hospital beds present in, and around Delhi, and much more, on the "ASSRM Support Application".

This initiative has the vision to provide support to people who are in need of verified information. A small step was taken by ASSRM to do their part for society in these difficult times and to let people know that they are not alone in this fight. The purpose of making this process digital is to reach the masses easily. ASSRM Covid Help group, where people can connect from anywhere and ask for help and can also provide it. We currently cater supported more than 3000 people and continue to do so for an average 100 per hour basis and 200+ participants using our application and are still growing to help all affected citizens.

This social service program was initiated by the much need and great efforts of Prof. Ramesh K. Goyal, VC (ASSRM) ASSRM and Mr. Anshul Bagai, Director (ASSRM) and Dr. Gagandeep Kaur (Assistant Professor). To run this program successfully faculty member of the department give their assistance willingly- Ms. Amandeep Kaur (Assistant Professor), Ms. Sonia (Assistant Professor) and Mr. (Baljinder Singh) with the support of department ASSRM Sports Science students on 26th April 2021.



Nowadays the best way to connect to people is social media, a web-based application was developed and was promoted on various social media platforms in order to aim to connect to the masses by IT team member Mr. Sahil of our department. The ASSRM provides services from 8:00 AM to 12:00 AM as per the requirements.

Application link is mentioned here-: <https://linktr.ee/assrm.support>

The following services details provided by ASSRM.

- Covid Support: Khushal
- Oxygen Cylinder: Hardik
- Hospital Beds: Tanya and Kissan
- Remdesivir: Jiyual
- Ambulance: Dinesh
- Meal Service: Khushal
- Plasma donor: Abhijay
- Precautions and Remedies: Dr. Gagandeep Kaur
- Home Test Sample: Umang
- Home Nurse: Kissan
- Blood Bank: Abhijay
- Medical Equipment: Tanya
- Other Covid-19: Ayushi
- Fabiflu: Saurabh Singh
- Disclaimer: Mr. Baljinder Singh
- Articles: Ms. Amandeep Kaur & Ms. Sonia
- Track Of Covid Enquiry: Radhika and Malaika

“Care for your psyche...know thyself, for once we know ourselves, we may learn how to care for ourselves.” –Socrates

Save Girl Child Day (Beti Bachao Beti Padhao) in Collaboration with Rural Medicare Centre near Saket Metro Station

School of Allied Health Sciences celebrated Save Girl Child Day on 24.01.2021 as a part of University's Community extension activity with an objective of raising awareness about importance of girl child. Beti Bachao Beti Padhao (Save Girl Child) is the most recent initiative started by the Government to actively encourage the people to save girl children. The programme was organized to support the Government's initiatives in saving girl children and to create awareness about women's rights and facilitate positive change for girl children in India. Event was inaugurated by Honourable Vice Chancellor, Prof. (Dr) Ramesh K. Goyal and Registrar, Dr O.P. Shukla. A string of activities were organized under the guidance of Dr. Jaseela Majeed, Head School of Allied Health Sciences and were coordinated by faculty members, Dr Puneeta Ajmera and Dr J. Swaminathan and students of the Department of Public Health. Following activities were carried out in this regard:

1. Digital poster making competition on the theme "Save Girl Child Mera Beti Mera Abhiman" was organized. Total 66 students from different colleges and universities registered for the competition Amar Singh bagged first position while second and third position were bagged by Noor Saba and Nitika Bharti. E certificates were provided to the winners and all other participants.

2. Small gift hampers including baby care essentials, masks and immunity boosters were distributed to the parents of new born baby girls at Rural Medicare Centre near Saket Metro Station in the presence of Director of RMC, Dr Toor and administrative staff of the hospital as a celebration of girl child birth. Students of Master of Public Health Programme provided awareness on girl child, importance of breast feeding and immunization programmes.

3. Pamphlets were distributed at Rural Medicare Centre, University premises and amongst local community in the vicinity. Education and awareness can contribute in improving attitudes towards the nation's female population. A day filled with awareness-building exercise thus, reinforced the message that "Humans are neither created in labs, nor they grow in farms, If you really want to save the future, welcome them with open arms".



"Self-care is not self-indulgence, it is self-preservation."
—Audre Lorde

72nd Republic Day celebration at DPSRU on the 25.01.2021

The 72nd Republic Day was celebrated in DPSRU campus 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 comprising several elite services viz Army, CISF and BSF, etc.

Hon'ble VC sir heralded the event by his inspirational and patriotic orate. This was followed by a motivational talk by Director School of Pharmaceutical Sciences, Prof. Harvinder Popli. The heart-warming and impressive cultural performance which exhibited the immense talent in our faculty and their families filled the ambience with patriotic fervor. Ms Lakshita and Ms Harshali presented the glory of our motherland and a dance on patriotic songs, Mr Abhiyank orated a patriotic poem, Ms Vaishvi-Marathi Mulgi depicted the culture of the state of Maharashtra and Ms Anshika sung the national anthem for us. The superlative poem by Prof. Rajiv K Tonk, Dean Student Welfare added grandeur to the event. Melodious songs sung by Dr Amrita Parle, Dr Mukesh Nandave and Prof. Richa H Rai added to the zeal. Dean Academics Prof. Geeta Aggarwal delivered the Vote of thanks profoundly appreciating the efforts of all the faculty and staff and concluded the event with words which instilled the feeling of nationalism again. All dispersed in high spirits celebrating this occasion & enjoying the flavours of refreshments and ladoos.

Organizing Team Memembrs: Prof Rajiv Kumar Tonk, Prof Richa Hirendra Rai, Mr Krishan Kumar and Mr Chhabra.



“You can't really be present for the people in your life if you aren't taking care of yourself.” –Kerry Washington

Orientation and Induction Day Programme of School of Allied Health Sciences (11/01/2021- 13/01/2021)

To start the Academic Session 2020-21 in the ongoing pandemic, Delhi Pharmaceutical Sciences and Research University didn't let it dwindle its legacy and high spirits. Amidst the challenging times, School of Allied Health Sciences (SAHS) organized an Orientation programme on 11 January 2021 followed by two days induction programme from 12-13 January 2021 for the newly admitted Post Graduate students of MBA in Pharmaceutical Management, Masters in Hospital Management and Masters in Public Health, under the guidance of Head of Department, Dr. Jaseela Majeed through a virtual platform.

The orientation session was to motivate the students for the new beginning of Academic year in an online mode. The Orientation programme started with lightening of the lamp and seeking blessings from Goddess Saraswati. After being suffused with inspiration through University song, students were provided with glimpse of the University campus, with a warm welcome note by Dr Abhishek Dadhich, Assistant Professor in Pharmaceutical Management. The session commenced with an engaging presentation by Prof. Geeta Aggarwal, Dean Academics, gave an overview on internships, placements and various academic activities. Later Prof. Rajiv Tonk, Dean Students Welfare, discussed about strategies of examination, marking scheme and extracurricular activities of the University. Students also had the opportunity to hear from Dr Jaseela Majeed, Head School of Allied Health Sciences. She mentioned about the courses offered by the School, programme structure, summer trainings, internships, seminars and webinars organized in the school. The students were then introduced to syllabi of various courses: MBA by Ms. Rakhi Ahuja, Assistant Professor in Department of Pharmaceutical Management, MHM by Dr Sheetal Yadav, Assistant Professor in Hospital Management and MPH by Dr Puneeta Ajmera, Associate Professor in Public Health.

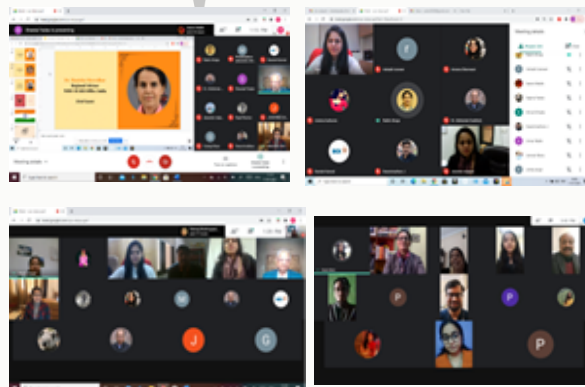
Prof. Ramesh K. Goyal, Hon'ble Vice Chancellor addressed the gathering with his delight speech and welcomed the students and motivated them for the beginning of the new session with a new style of learning, stating a very clear vision for a successful new academic session. Prof. Goyal also shared vision and legacy of DPSRU, milestones achieved and welcomed the speakers for the day. The esteemed Guest of Honour for the program Dr S.D Gupta, Chairman, International Institute of Health Management Research (IIHMR), Jaipur stressed on standards of health care and related programs. Dr. Manisha Shridhar, Regional Advisor, World Health Organization-South East Asia Regional office (WHOSEARO), India graced the occasion as Chief Guest. Dr Manisha enlightened the students with status of COVID-19 vaccines, Deployment Preparation and licensing.

Apart from the academic pattern, the students were also made aware of the various outreach programs and community

activities by Dr J. Swaminathan, Assistant Professor in Public Health. The entire session was well moderated by Dr Priyanka and Ms Kritika, students of Hospital Management. The orientation session ended with vote of thanks by Dr J. Swaminathan, thanking Hon'ble Vice Chancellor for continuously guiding and supporting everyone in the University and all the esteemed guests for their valuable time. After a short break, another segment- Know Your Faculty was organized where students were introduced to all faculty members.

SAHS organized a two day online Induction programme followed orientation, where the Day-1 commenced with a session on "Problem Solving Skills in Professional life, by Dr. Arvind Mal Director Ministry of defence, followed by a training on "How to equip yourself for emerging HR Practices in healthcare" by Mr. Ajay Tyagi, Corporate Trainer. The afternoon of Day-1 witnessed Department wise parallel sessions. The keynote speaker for Department of Public Health was Dr Arti Bahl, Joint Director, Epidemiology Division, National Centre for Disease Control (NCDC), New Delhi who delivered a lecture on "Challenges in Public Health: Role of NCDC" for the newly inducted students of Master in Public Health Program. Followed the lecture, possibilities of collaboration between NCDC and DPSRU were discussed. In the parallel session for Department of Hospital Management, a lecture on "Overview of Hospital Management in India" was delivered by Dr Ashok Agarwal, Former Director, School of Allied Health Sciences, IGNOU and Adjunct Professor, IIHMR Delhi. The resource person for Department of Pharmaceutical Management was Ms. Reena Bhattacharya, Strategy consultant who opened the arena of the World of Pharmaceutical Marketing to students of MBA in pharmaceutical Management.

The second day of the Induction programme, new students got the opportunity to interact with Dr. Suresh Kumar, Director, Institute of Palliative Medicine, Kerala, a WHO Collaborating Center for Community Participation in Palliative Care. Followed was a session on Importance of Yoga in life delivered by Acharya C.P. Ray, Yoga Instructor, Yoga and Fitness Center, DPSRU.



Other Activities conducted in the University

Webinar on “Cancer Preventions – How Much Effective” on 03.02.2021

School of Allied Health Sciences organized a webinar in collaboration with Rajiv Gandhi Cancer Institute and Research Centre (RGCIRC) Niti Bagh New Delhi on the occasion of World Cancer Day. Dr Leena Dadhwal, Consultant, Surgical Oncology, RGCIRC was keynote speaker for the webinar. The session was opened by introductory remarks from Honorable Vice Chancellor followed by welcome address by Dr. Jaseela Majeed, Head, School of Allied Health Sciences. Dr Dadhwal discussed about commonest cancer in India followed by environmental factors, risk factors and various screening measures available for different types of cancer. She highlighted the importance of early screening and primary prevention. Organizing Team Members: Dr Jaseela Majeed, Ms, Rakhi Ahuja, Dr Puneeta Ajmera, Dr J. Swaminathan.



Visit to Rural Medicare Centre on 25.02.2021

Despite economic progress, there is no equitable distribution of healthcare in India. The benefits of modern medical care reach only the rich and the privileged while almost 400 million cannot afford the high cost of such care. Rural Medicare Centre (RMC), a 30-bed not-for-profit hospital in Saidulajab village in suburb of South Delhi is committed to the society with a mission to enable people to avail “medical expertise with dignity across the counter at an affordable cost”.

School of Allied Health Sciences (SAHS) of Delhi Pharmaceutical Sciences and Research University joined hands to support the socio-economically marginalised people.

A team of faculty from SAHS, Dr Jaseela Majeed, Dr. Puneeta Ajmera, and Dr. J. Swaminathan, visited Rural Medicare Centre, on 25.02.2021 to explore possible collaboration between the two organizations for community extension activities and internships of students of DPSRU. The team DPSRU interacted with laparoscopic surgeon Dr Medha Vaze, ophthalmologist Dr VK Gopal and administrative staff of RMC to take this collaboration to the next level.

Visit to National Centre of Disease Control for Exploring Potential Collaboration with School of Allied Health Sciences, DPSRU on 24.03.2021

A team of officials from Delhi Pharmaceutical Sciences and Research University headed by Vice Chancellor, Prof. (Dr) Ramesh K. Goyal, and three faculty members of School of Allied Health Sciences, Dr Jaseela Majeed, Head, SAHS; Dr. Puneeta Ajmera, Associate Professor, SAHS and Dr. J. Swaminathan, Assistant Professor, SAHS visited National Centre for Disease Control (NCDC) New Delhi on 24.03.2021 to explore potential collaboration between the two organizations for the promotion of academic and research activities in the field of communicable and non communicable disease control. An official meeting in this regard was held at 11.45 am in Director's office of NCDC. The meeting was attended by Director, NCDC, Dr Surjeet Kumar Singh; Dr Sudhir Kumar Jain, HOD Epidemiology Division, NCDC; Dr Arti Bahl, and Dr Meera Dhuria, Joint Directors, Epidemiology Division, NCDC. Following activities of collaboration were identified in the meeting:

- Development of certificate programs, diploma courses and short term training programs jointly.
- Guest Lectures by Scientists of NCDC at DPSRU and vice versa.
- Scientists from NCDC can be associated with DPSRU as Adjunct Professors /visiting faculty.
- Appointment/Recognition of Scientists/officials at NCDC as Supervisors/Co-supervisors for PG/PhD programs.
- Joint -collaborative research projects between NCDC and DPSRU.

More to it.....

- Organization of joint workshops, seminars, conferences and symposia at bilateral and multilateral levels.
- Participation of students in disease control programmes, Outbreak investigations, Integrated Disease Surveillance Programs (IDSP) and other programmes conducted by NCDC.
- Field Work/ Internship for students of Masters in Public Health (MPH) at and across NCDC network. Short-term training programs for students of Masters in Public Health (MPH)/ MHM/ MBA-PM/ MPharm (Clinical Research).
- Mutual access to facilities like research laboratories, library.

It was a fruitful interaction and to implement the above mentioned activities and to proceed with the Memorandum of Understanding (MoU) between both organizations, an internal joint committee at NCDC was proposed to be constituted. The meeting ended with a positive note to take this collaboration to the next level.

New Unit in Physiotherapy OPD

Physiotherapy OPD has got its new unit in the expanded area of the old Physiotherapy OPD. The new unit has been established for Pediatric Physiotherapy. The equipments installed in the unit have been focused to improve motor as well as sensory skills of the differently or specially 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.



Guest lecture on “Toxicophores in Drug Discovery” on 24.02.2021

Dept of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, DPSRU, organized a guest lecture on 24.02.2021. Dr Mandar Bodas, Solution consultant, Elsevier delivered the lecture on “Toxicophores in Drug Discovery”. He is mainly indulged in Life science data analytical tools meant for academia and hence he took out the time to discuss his expertise and importance of toxicophores during drug designing process. Dr Mandar was highly enthusiastic and kind to extend his knowledge on Bioisosteres in drug design. It was a great opportunity for the faculty members, scholars and the student to listen to his words of wisdom.

Department is greatly thankful to Prof Rajiv Tonk, Head of the Dept and Dean, Student Welfare; for organizing such event for the benefit of students and faculty members. We also thank Hon. Vice Chancellor Prof R K Goyal, DPSRU, for gracing the occasion with his presence and sharing his ideas. It is always a boon to listen to him. Further, dept also thank Dr Prabodh C Sharma for organizing the event. The event was also graced by the presence of other faculty members Dr Sahil, Dr Priti Jain and Dr Surajpal. Dr Priti Jain anchored the session, Prof Rajiv Tonk gave the opening remarks and also introduced the speaker and Dr Prabodh, concluded the session





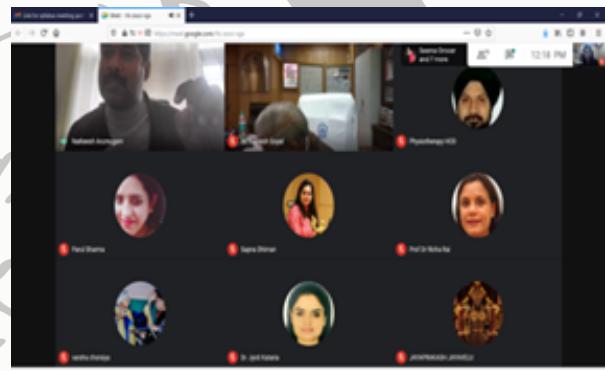
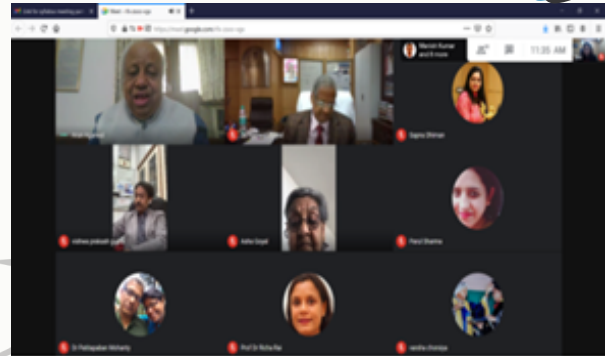
National Workshop by School of Physiotherapy Concludes with a Pan India Syllabus for BPT

"National Workshop on Development of Syllabus for Innovative Practices and Standards of Physiotherapy" organized by School of Physiotherapy, Delhi Pharmaceutical Sciences and Research University on 12th Feb. 2021, for the "DEVELOPMENT OF THE APPROPRIATE SYLLABUS FOR EACH COURSE WITH MINIMUM NUMBER OF HOURS" finally suggested a comprehensive syllabus for the BPT that was agreed upon by various councils of the country. Following were the members of the various Councils of Physiotherapy in India and other participants

- Prof. Ramesh K. Goyal, Vice Chancellor, DPSRU, Patron.
- Dr. Arun K. Aggrawal, President, DCPTOT, New Delhi.
- Dr. V.P. Gupta, Head- Physiotherapy unit-CTVS department, Member- DCPTOT, New Delhi
- Dr. Sudeep H Kale, President, Maharashtra Council
- Dr. Zarna Shah, Vice President, Gujarat State Council for Physiotherapy
- Dr. Ravinder Mudgil, President, HCAP, Haryana
- Dr. Asha Goyal, Consultant, DCPTOT, New Delhi
- Dr. Patitapaban Mohanty, HOD Physiotherapy, SVNIRTAR
- Dr. Maneesh Arora, Dean, SBS University, Dehradun
- Dr. Narkeesh Arumugham, Professor, Punjabi University, Patiala
- Dr. Jayprakash Jayvelu, Head Physiotherapy, Dharamshila Cancer Hospital, Delhi
- Dr. Amandeep, Professor and Head of Department, Chandigarh University
- Dr. Nidhi Kalra, Officiating Director, BCIP, New Delhi
- Dr. Roshan Lal Meena, Pt. DDU IPH, Delhi
- Dr. Nishat Quddus, Associate Professor, Physiotherapy, JamiaHamdard University
- Dr. Seema Grover, Chief Physiotherapist, Apollo Hospital New Delhi
- Shilpa Jain, Coordinator of the Meeting, DPSRU
- SapnaDhiman, Co-coordinator of the Meeting, DPSRU
- Parul Sharma, Co-coordinator of the Meeting, DPSRU

Approximately, 100 numbers of participants had joined in the meeting through Google Meet and You Tube also. Major objectives of this workshop were:

- Developing sequence of courses to be taught
- Developing appropriate topics for each course



Hands on Training Workshop on Digital Imaging Microscopy and Application on 02.02.2021

The Department of Pharmaceutics organized One Day Workshop on "HANDS ON TRAINING ON DIGITAL IMAGING MICROSCOPY AND APPLICATION" on 02.02.2021 at 11.30 am.

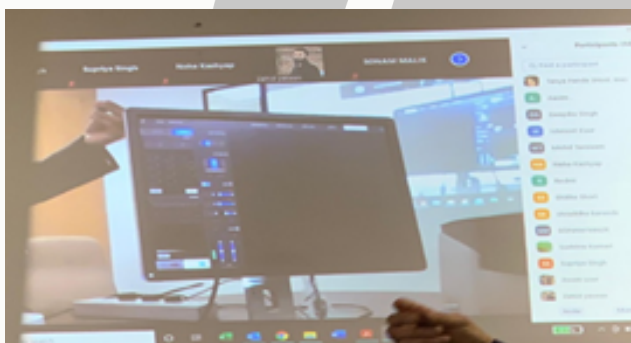
The event was started with felicitation of guests. The guests of the event were Mr. Anil Shrivastava Director, Mr. Mukesh, Ms. Deepika and Ms. Simran, Celena S, Biogenuix.. The Director, SPS delivered the importance of systematic research and role of said instrument in Pharmaceutical Field. The demonstration was conducted both offline and online using Zoom meeting app. The event was attended by approximately 50 participants encompassing M.pharm and PhD students of various streams such as Cosmeceutics, Industrial Pharmacy and Pharmacology. Staff members Dr. Madhu Gupta, Dr. Mukesh nandave, Dr. Foziyah, Dr. Madhurima also attended the demonstration. Ms. Deepika started the discussion with an insight on the various types of Fluorescence Imaging microscopes and then detailed their applications. The instrument is quite handy and compact. It is supported by different lenses and filters which can be changed later to a more recent digital version. She then described the aspects of digital imaging

"Innovation is the process of turning ideas into manufacturable and marketable form." -Watts Humphrey

More activities.....

microscopy and demonstrated the various parts and functions of the microscope.

Mr. Anil Shrivastava also congratulated students for getting such a useful instrument for therapeutic evaluation/ tracking of designed formulations and explained its technical aspects as well as its practical and technical aspects. Mrs. Simran and Ms. Dipika demonstrated the handling of instruments by taking live sample and gave hands on training on Digital imaging system to almost 50 students batch wise in the batch size of 5-8 per each both online and offline mode. The whole program was coordinated by Dr. Madhu Gupta. Everyone learnt about the aspects of DIGITAL IMAGING MICROSCOPY and lastly share their feed back with experts.



6-day Certificate Gym Management and Scientific Basis of Training (18 - 25.01.2021)

ASSRM has organized a 6 Days Certificate Course Gym Management & Scientific Basis of Training in collaboration with PEFI. It was a 6-day Programme starting 18.01.2021 to 25.01.2021. The programme was conducted on online platform through Zoom Meeting. There were 15 attendees participating the course from areas of the country. The course was conducted by the faculty members of ASSRM and two outside experts.

Faculty trainers: Dr. A. K. Uppal, Dr. Gagandeep Kaur, Ms. Amandeep Kaur and Mr. Mohit.
Outside experts: Dr. Rakesh Tomar and Dr. Rahul Vasishta

The following were the topic covered in the course:

- Training Load and Adaptation- Dr. A. K. Uppal
- How to Start a Training Session? - Mr. Mohit
- Stress Management- Dr. Gagandeep Kaur
- Own Body Weight, Partner Exercises as well as Exercises with External Resistance- Dr. G. Kaur
- Kin-anthropometry including Body Composition - Ms. Amandeep Kaur
- Training for Development of Motor Components- Dr. A. K. Uppal
- Resistance Training Programme Designing and Implementation- Dr. Rahul Vasishta
- Gym Management and Maintenance- Dr. R. Vasishta
- Physical and Motor Fitness Assessment Ms. Amandeep Kaur
- Technical Preparation in Sports Dr. A.K. Uppal
- Sports Injury Management including First Aid- Mr. Mohit
- Nutrition with Special Reference to sports- Dr. Rakesh Tomar
- Calculation of Training Target Zone and Load Recovery Ratio Dr. A. K. Uppal
- Anatomical and Physiological Basis of Exercise Dr. Rahul Vasishta

Each online session was of 1 hour, the course has the aim to deliver theoretical as well as visionary experience to the participants. After all the educational online session on the last of the course there was an online MCQ format test was conducted through Google form, on analysis of the performance the certificate was released in soft copy via their registered email ID and Hard copy of certificated was posted on their residing address provided by the attendee

DPSRU observes rituals of Goddess Saraswati Pooja on the occasion of Basant Panchami on 16.02.2021

Basant Panchami is celebrated all over the country to mark the arrival of spring and to worship Maa Saraswati... This day being the fifth day of the Magha month of the Hindu Calendar and we offer Pooja and shlokas to Goddess Saraswati. This was celebrated in DPSRU on the 16th of Feb 2021 this year. Hon'ble Vice Chancellor Prof Ramesh K. Goyal, Director DIPSAR Prof P. K. Sahoo, Director SPS Prof Harvinder Popli, Dean Student's Welfare Prof Rajiv K. Tonk, Dean Academics Prof Gita Aggarwal, Prof D. P. Pathak along with all 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. Yellow being the favourite color of the deity, yellow fruits

"For good ideas and true innovation, you need human interaction, conflict, argument, debate." - Margaret Heffernan





Empowering women.....



were then distributed amongst all throughout the campus.

Organizing Team Members: Prof Rajiv Kumar Tonk, Prof D.P.Pathak, Prof Richa Hirendra Rai.



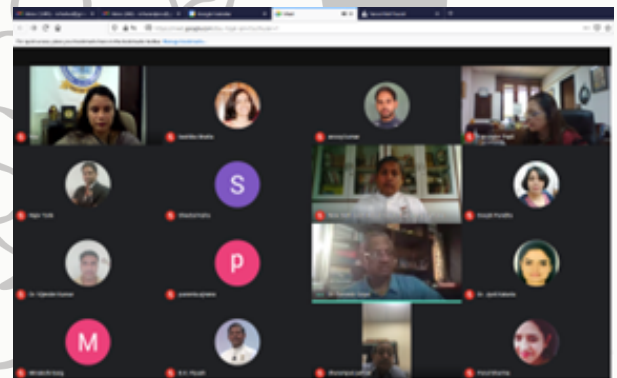
International Women's day at DPSRU on 8th March 2021

The International Women's day was first observed in the early part of 19th Century, since then this day has been celebrated all across the globe to uphold the social, economic, cultural, and political achievements of women. It is equally important to recognise the challenges and acknowledge her strengths which our Honourable Vice Chancellor Prof Ramesh K Goyal has never refrained from. With his kind acquiescence, the morning saw the eternal bliss for all faculty at DPSRU amidst the busy routine, as we heard the essence of spiritualism from none other than BK Piyush which was followed by a tranquilizing meditation session from BK Girijaji who has been practicing meditation from more than 30 years now. This online session was organised by DPSRU and DIPSAR in collaboration with WICCI and SPER Forum and conducted by Prajapita Brahma Kumaris Ishwarya Vishwa Vidyalaya.

This Vishwa Vidhyalaya is known both for its grassroot skill development and holistic development program, inculcating self-righteousness in hearts of all.

This was followed by a small cake cutting ceremony observing social distancing where Hon'ble VC sir very fondly expressed how all the Veda and cultures in India enunciate "feminine energy as the essence of the universe". Dr O.P. Shukla, Registrar, DPSRU, and Prof P.K.Sahoo Director DIPSAR sent their e-wishes to the entire DPSRU and DIPSAR family. Prof. Harvinder Popli, Director SPS, also expressed how the women silently observe all their roles and stand behind all odds of the family. Prof. D.P.Pathak expressed how women are the empowering force in Indian Culture and

showered his blessings. This was followed by an immensely touching quote by Prof Rajiv K Tonk, Dean Student Welfare, on women and their diverse duties, their roles, their power and their immense motherhood. Prof Geeta Aggarwal expressed her best wishes to all, followed by a hymn of praise to almighty by Prof Richa H Rai ensuing which we had a discussion on the Quality of life in rural and tribal women initiated by our PRO Ms Pritha and remarks by Dr Madhu Gupta, Prof. Deepti Pandita, Ms Archana Mehta and Dr Meenakshi Garg. We were fortunate to have amongst us Dr Saroj Jain, Principal, Hindu College of Pharmacy, Sonipat Haryana and a proud moment to mention that she is our own Alumni of College of Pharmacy, DIPSAR. Faculty showed great enthusiasm by joining us online for the event.



Organizing Team Members: Prof Rajiv Kumar Tonk, Prof Harvinder Popli, Prof Richa Hirendra Rai

Student Coordinators: Kashika and Ankit Monga



Continued.....

**DPSRU celebrates 400th Shri Guru Tegh Bahadur Jayanti on 02.04.2021**

As per the suggestion from Department of Higher education to commemorate the 400th Shri Guru Tegh Bahadur Jayanti and celebrate Shri Guru Tegh Bahadur Jayanti Prakash Parab Samaroh at all Educational Institutions, with the kind permission from Hon'ble Vice Chancellor, DPSRU celebrated the event on 02.04.2021. An online intercollege essay competition (In Hindi as well as in English) for the students of DPSRU and DIPSAR. The topic for Essay writing for English was Guru Tegh Bahadur- The protector of Human Rights and that for Hindi was Guru Tegh Bahadur- Hind ki Chaadar. Cash prizes were planned for the event to boost the youngsters and a panel of judges had judged the event. Dean Student's Welfare Prof. Rajiv Tonk and Extracurricular faculty coordinator Prof Richa H Rai, Dr Jyoti Dahiya and Dr Manish Kumar along with Student coordinator Mr Ankit Monga had organised and conducted the event. The winners are still to be announced.

Workshop/ Guest Lecture organized in the Department of Pharmaceutical Chemistry, SPS on 24.02.2021

A guest lecture cum online workshop on the topic "Toxicophores in Drug Discovery" and "Applications of Retrosynthesis in Drug Design" was organized by the SPS, DPSRU on Feb 24, 2021.

The programme was inaugurated by welcome note by The Dean, Student's Affairs and HOD, Pharm. Chemistry, Prof. Rajiv K. Tonk. Dr. Mandar Bodas from Elsevier Pharma and Life Science Solution delivered the expert talks. Hon'ble Vice Chancellor Prof. Ramesh K. Goyal expressed his elaborated view upon the relevance and use of such techniques and principles in Drug Design and Discovery. The programme was concluded with Vote of thanks by Dr. Prabodh Chander Sharma.

Dr. Suraj Pal Verma, Dr. Priti Jain., Dr. Sahil Kumar, Dr. Anoop Kumar actively participated in organization of the programme. The workshop/guest lecture was attended by several faculty members, research scholars and students of the University. The information delivered in the workshop was very well received and appreciated.

**GPAT-CLUB**

This year, DPSRU has again witnessed qualification of 50 students in GPAT (National level Examination), maintaining the consistent half-centuries, since the inception of university. Mr. Gourav Gupta, student of B.Pharm 4th year DIPSAR, secured 1st All India Rank, whereas Mr. Abhishek Gabba, student of B.Pharm 4th year SOPS, secured 4th All India Rank. Admirably, 08 students featured in top 100 rank and 23 in top 500 rank. This standout performance of students ensures DPSRU, to be the university with highest percentage of qualifiers.

To boost the efforts of the students and to provide extensive counselling for GPAT and other Competitive examinations, University authorities have decided to establish GPAT-CLUB with Prof. Rajiv Tonk as Patron and Dr. Gaurav Kumar Jain as Nodal Officer.

The objective of the GPAT-CLUB is to provide structural guidance and counselling to the students aspiring for GPAT or other competitive examination. The counselling will be a well-charted plan providing theoretical training, comprehensive study material, rigorous online practice, regular assessment, discussions and problem solving. The club will be operational from 2021 and the counselling will extend for duration of 5 semesters thus preparing students well in advance for competitive examinations.

"The cure for boredom is curiosity. There is no cure for curiosity" -
Dorothy Parker



GPAT 2021 Qualifiers



Delhi Pharmaceutical Sciences and Research University

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

The 1st Pharmacy University of India

Feels Pride & Congratulates



All India Rank

1



Gourav Gupta



Ritika Srivastava

AIR 11 AIR 15



Shashwat



Abhishek Gabboa



All India Rank

4

50 GPAT 2021 Qualifiers

TOP 150



Soumya Mehra

59



Dimple Dhawan

69



Neeraja Ramesan

94



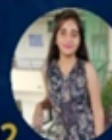
Anisha Tyagi

99



Shweta Garg

102



Poonam Jakhar

144

10

TOP 500



Shu Sisodia

182



Deepali

241



Dilisha Singh

258



Aniket Sonkar

298



Malika M. Pandey

323



Geeta Sharma

334

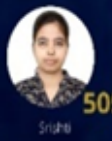


Ganima Jha

348

13

TOP 1500



Sruhti

505



Raaj Saini

618



Isha Aggarwal

730



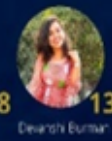
Mond Hamid

779



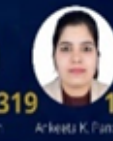
Anjali Arya

878



Dewangi Buman

1319



Ankeeta K. Pandey

1362



Ankur Tripathi

1362

08

Other Rankers



Anshu Kumar

1509



Anshu

1509



Divyanshu Sharma

1509



Gaurav Kumar

1698



Lohita Arora

1969



Ishika Gupta

2070



Yogesh Rajpal

2553



Manish

2553



Karishma

2761



Neha P. Sarda

3182

19



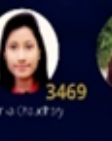
Anshu

3290



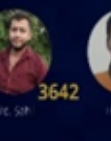
Sakshi Singh

3290



Pooja Choudhary

3469



Anshu

3642



Harsh

6926



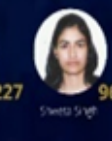
Anshu

7909



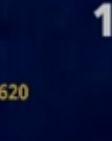
Anshu

7909



Anshu

9227



Anshu

9620

Consistent Half Centuries since, the Inception of University

Adopt the pace of nature: Her secret is patience.” —Ralph Waldo Emerson



DPSRU in News Media

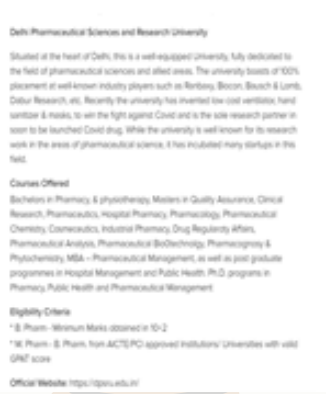
A Medicine for Covid19 and its Complications from DPSRU University: Prof. Ramesh Goyal



Delhi Pharmaceutical Sciences and Research University has come out with a plant based Covid drug that would prevent death, as well as treat the comorbidities arising out of Covid19.

Under this "new drug discovery" by India's first pharmacy institute - the herbal medicine is ready and is currently undergoing

Dr. Madhu Gupta, Associate Professor, COO, WSCS-DPSRU, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University, New Delhi, India was honored with 'APP Outstanding Orator Award, Late Sh. Tarun Jain Memorial Award 2021 during 12th Indo-US Conference on "Nanotechnology in the Pharmaceutical Sphere: Contemporary Approaches and Therapeutic Applications" at Shree Narayanaiah Lalitlal Patel College of Pharmacy, Umrathli, Barabati, Sarat, Gujarat organized by APP Gujarat State Branch & APP American International Branch in collaboration with DDU University, Nadiad, Gujarat & APP Drug Design and Chem Division on the 30th day of January 2021. It is worth mentioning that Dr. Madhu Gupta has been awarded with this invaluable honour for her organizations, deeply committed to service.



प्राणवायु और ब्रह्माण्ड

चाँद पर जाकर, ए इंसान इसे संपूर्ण ब्रह्माण्ड न समझ,
न भूल की ये तो एक तो एक मामूली ग्रह भी नहीं उपग्रह है, इसे संपूर्ण ब्रह्माण्ड
न समझ !

कोरोना आया, पहली लहर की विजय को संपूर्ण विजय न समझ,
ये तो शायद एक झलक थी, ऐ इंसान, ब्रह्माण्ड और इसके सर्जक को समझ !

गुमान न कर लॉकडाउन, दवा और टीकों का, ये तो अस्थायी है, ये समझ,
पहले ब्रह्माण्ड की एक छोटी चीज, प्राण वायु की कीमत क्या होती है, ये तो
समझ,

ब्रह्माण्ड तो ब्रह्माण्ड है ऐ इंसान ये तो समझ,
दूसरी लहर को हलके से न ले, कुदरत की इस नाराजगी को समझ !

प्राण वायु तो बहुत छोटी देन है, कुदरत की ये समझ,
अभिमान का छोड़ अनुशासन में रहना है, ए इंसान ये समझ,
दवा हो या प्राण वायु, प्राण नाथ तो कुदरत ही है, ये समझ,
ब्रह्माण्ड तो ब्रह्माण्ड है, इसके सर्जक को ए इंसान समझ !

डा. रमेश गोयल
कुलपति

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Prof. Ramesh K. Goyal

Hon'ble Vice Chancellor

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Registrar, DPSRU

Prof. P K Sahoo

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