



भैषजिक समाचार @DPSRU Newsletter

Delhi Pharmaceutical Sciences and Research University

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

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Navigating through Pandemic: Towards Next Normal

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“A Message from Vice Chancellor's Desk



As we approached the end of the 2021, there was a hope that Covid-19 will end and probably there will not be any third wave. It is unfortunate that third wave arrived in the form of “Omicron”. In Hindu my mythology, the Saturn has three waves, the first mild but scary, second worst effects and third a sort of fading. Delta variant was certainly worst of three in Covid-19 and like Shani Dhaiya or “Sade Sati”, let us hope that “Omicron” will continue to be mild and disappear. It is well known that “Saturn” not always give ill effects, it also provides opportunities. The University is grieved to have lost the Clinical Research legend Prof. Suresh Gupta on 22nd December 2021. However, his legacy will continue.

In the last quarter of year, our University could have several new and pride initiatives. The 4th convocation was successfully convened with 187 diplomas, 206 UG degrees and 107 PG degrees awarded along with 16 medals and awards. It was delight to have Dr. V.G. Somani, DCGI as the Chief Guest. "Dilli KI yogashala" was another mild stone achieved in a record time of 8 months against possibility of 2 years, as praised by Hon'ble Chief Minister Sh. Arvind Kejriwal.

Initiation of activities of DKDF Centre of Precision Medicine and Pharmacy and DSIR-CDRDH Centre for Advanced Formulation Technology had been milestone achievements of the University in this period. As usual in DPSRU faculty continued to get awards, filed patents published patents, original research papers as well as served the academics in the form of guest lectures at different places. While Workshops, Webinars continued amidst waves of Covid-19. Organization of 4th National Conference of SAAE-India with participation of 1400 delegates from 7 countries was yet another pride for the University under the leadership of Prof. C.R. Patil. The University continues to provide services in public through vaccination drive, heart health awareness and Community Outreach activities of School of Allied Health Sciences and Management, in Collaboration with Community Health Department of St. Stephen's Hospital, Delhi.

From the student front, besides extracurricular activities, online classes continued and orientation programs were organized not only for old students but new students. This year (2021-22), 8 new courses got started. Signing of MoUs continued and this time, with Govt. hospitals also.

With heartfelt gratitude to all the mentors (GC, BoG and AC members), faculty colleagues, students and staff. I will end with a wish.....

आओ 2022 में नयी आशाओं से कोरोना संग
नये ओमीक्रोन को भी हरायें,
आओ 2022 में नये अरमानों से
सब के दिलों को खिलखिलाएं,
आओ 2022 में नयी उमंगों की उडान से
कुदरत की नयी आफतों से बचायें।
आओ 2022 में सीने में ऐसी आग लगायें
कि आपदा आप से . . .
कोसों दूर रहने पे मजबूर हो जाये,
कोसों दूर रहने पे मजबूर हो जाये,
कोसों दूर रहने पे मजबूर हो जाये . . .

Prof. Ramesh K Goyal
Vice-Chancellor, DPSRU

“ A Message from Registrar's Desk



With constant follow-ups with executing agencies like DTTDC, work orders have been awarded for the construction of additional floors, a building for World Class Skill Centre and a new Truss structure adjoining the auditorium as additional space for Centre for Meditation and Yoga Sciences. The construction of additional classrooms above library is almost completed and would be shortly equipped with ultra-modern teaching learning aids for students.

University is also strengthening its IT infrastructure, by having network connections at each floor of new 8 storey building. Shortly internet through National Knowledge Network (NKN) will be operational for university at a speed of 1 GB, by replacing existing railtel network.

During the ongoing pandemic university also convened its Fourth Annual Convocation successfully in hybrid mode. The Deputy Chief Minister of Delhi Sh. Manish Sisodia Ji, who graced the solemn event as the Guest of Honour, also appreciated the facilities of university.

We have also put in lot of efforts to add new faculty on contract basis to meet the immediate academic requirement of the newly introduced and existing programs. Due to reputation of the university, there was a huge demand for the newly introduced programs, and in fact 90 percent of the seats have been already filled.

We are trying to ensure constant growth in building academic infrastructure and strengthening manpower to meet the academic and administrative requirements of the university.

Dr. O.P. Shukla
Registrar, DPSRU

DPSRU Successfully Convenes 4th Annual Convocation

Amid the ongoing Covid-19 pandemic, DPSRU University hosted its fourth Convocation Ceremony with a solemn event held on Wednesday, December 22, 2021 from 10:40 a.m. to 01 pm IST. Dr. V.G. Somani, Drugs Controller General of India, graced the ceremony as the Chief Guest, while Shri Manish Sisodia, Deputy Chief Minister of Delhi attended the ceremony as Guest of Honour. Also in attendance were Sh Ajay Dutt, member of sixth Legislative Assembly of Delhi; Prof. S. Chooramani Gopal, President National Academy of Medical Sciences; Ms. Alice Vaz R, Secretary, TTE; apart from Board of Governors, Honorable Vice Chancellor, Registrar, Dean, faculty members and graduating students. The convocation was also virtually live on Youtube and attended by a large number of students and parents from all over the country.

185 D. Pharm. students, 131 B. Pharm. students, 40 BPT students, 36 BSc. (Sports Science) students, and 124 PG students including 101 M. Pharm., 09 MBA in Pharmaceutical Management, 08 MPH and 06 MHM students were deemed eligible to receive their degrees. The efforts and achievements of exceptional students were recognized and rewarded.

The Convocation Ceremony, started at 10:40 AM with the Academic Procession moving towards the auditorium and rendition of University song followed by Invocation and lamp lighting by the dignitaries. The dignitaries on dais were felicitated and the Convocation was subsequently declared open by Dr Shridhar Dwivedi, Hon'ble Chairman, BoG on behalf of the Chancellor. Dean Academics, Dr Geeta Aggarwal read the Grace and presented the students to honorable Vice Chancellor to admit them for the Degree.

Guest of Honour Dy. CM Shri Manish Sisodia congratulating the graduating students, and the University said, "This is an important day for the university, as well as students, as this marks the hard work done by the students, faculty, Deans and Vice-Chancellor. This opportunity comes to university, but for students it is once in a lifetime opportunity. I am sure the students would utilize the knowledge, skills and attitude acquired from the university to fulfill their dreams, their family's dreams and our country's dreams.'

He also praised university's efforts for its continued research endeavors during these unprecedented pandemic times. He also appreciated the university's support for realizing the Vision of Chief Minister Shri Arvind Kejriwal helping reach yoga to each and every door step of Delhi.

The function continued with the welcome speech and presentation of recent major accomplishments of University by the honorable Vice Chancellor, Prof. Ramesh K. Goyal. In his report, the Vice Chancellor proudly shared that DPSRU has come-up with the First herbal formulation in the world, for Covid-19 – Coroquil-Zn. He highlighted about various collaborations with renowned organizations like Translational Health Science and Technology Institute, All India Institute of Ayurveda and Rotary Club of Delhi Central.

He mentioned that he along with 4 other faculty members of University for being listed in world's top 2% of highly cited scientists by the University of Stanford. He also shared that university has been able to grab extramural research funding of more than Rs. 8 crores, from the agencies like, DST, ICMR and SERB. He further added that the faculty members have published more than 100 research papers, 6 books, 15 book chapters and filed 2 patents in the current year.

The Chief Guest, Dr. V.G. Somani, first congratulated graduands for crossing an important milestone of their life in education. He stated that while the COVID pandemic has posed several new challenges, it has also given an opportunity to pharma industry to reassess its role and emerge as a reliable supplier of high — quality, affordable medicines. This has been a period of significant learning for the Indian Industry on all fronts. Pharmaceutical and allied health sciences are acting as the world's saviour in these times of global health challenge. He enlightened the audience about various initiatives taken by GoI to bring together key Indian and international stakeholders from the government, industry, academia, investors and researchers to discuss and strategize priorities to foster a

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thriving innovation ecosystem in the pharmaceuticals industry in India through various ministries like the Department of Biotechnology, Dept of Science and Technology, Dept of Pharma. He also appreciated the University's efforts in contributing significantly in the fight against COVID 19 by developing special masks, sanitizers and low cost ventilators, besides public awareness programs. He also added that the University has also taken a quantum leap by establishing the Centre for Meditation & Yoga Sciences and initiating 10 new courses which will prove to be of immense help to society in the long run. he also appreciated that DPSR University for strong tie ups with industry and for developing innovative products with companies.

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

Post this; the meritorious students were awarded the gold medals by Chairman, BOG and Vice-Chancellor. Ms. Garima Jha and Ms. Archana Jha received 'The Sitaram Jindal Gold Medal for obtaining the highest marks in B. Pharm and BPT respectively. 'The Vice Chancellor Award' was presented to Mr. Chettan Chandel for obtaining the number of marks in B.Sc. Sports Sciences.

'Sneh Prabha Nemi Chand Jain Award' and 'The Vijayin Alniche Gold Medal' were awarded to Ms. Shweta Mittal for obtaining the highest marks in M. Pharm. (Pharmaceutics, QA, DRA, IP and Cosmeceutics) and M.Pharm all Disciplines, respectively. Ms. Neha Chand received 'The Prof. S.K. Gupta Gold Medal' for obtaining the highest marks in M. Pharm. (Clinical Research as the specialization). Ms. Shatabdi Dey was honored with 'The B.D. Miglani Award' and 'The S. L.

Nasa Hospital Pharmacy Foundation Award' for obtaining the highest marks in M. Pharm. (Specialization: Hospital Pharmacy). Ms. Arpit Gupta and Mr. Yash Sharma were bestowed with 'The Vice Chancellor Award' for obtaining the highest marks in D. Pharm. Mr. Vikas Kumar Singhal and Ms. Santoshi Sahu were presented 'Soshil Kumar Jain, Panacea Biotec Gold Medal' and 'Shri Rajesh Chand Arora Aagya Biotech Gold Medal' for obtaining highest marks in M.Pharm. Biotechnology and Pharmacology, respectively. 'Shri M.G. George Muthoot Awards were presented to Ms. Diksha Dua, Ms. Neha Dhoundiyal and Mr. Debraj Mukhopadhyay, for obtaining highest marks in MBA-PM, MHM and MPH respectively. 'The LG Trophy Award' was conferred to Ms. Isha Aggarwal in B.Pharm for overall performance in academics, extracurricular and co-curricular activities. The 'Jwalat Alniche Gold Medal' was awarded to Cerelia Nutritech Private Limited as the Start-up company of DPSRU Innovation and Incubation Foundation, for developing outstanding innovative healthcare product.

Towards the end, the respected Registrar proposed a vote of thanks. The Convocation was declared dissolved by Honourable Chairman, BOG, following which there was a stirring rendition of the National Anthem by all present. Eventually, the Academic Procession left the auditorium and marked the end of the convocation ceremony. This formal and significant event of the University was thus commemorated and celebrated in a manner befitting its importance.



"DILLI KI YOGSHALA"

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

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

One year Diploma programme with the provision of exit option after 1st trimester (three months), was executed in the month of April 2021, where curriculum was designed after the procedural approval by Board of Studies, Academic Council, followed by Hon'ble Board of Governors.

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

Accordingly, Dilli ki Yogshala programme was launched with the release of missed call number along with award distribution to the 5 toppers of 1stbatch of Diploma in Meditation and Yoga Sciences, on 13th December 2021 by Shri. Arvind Kejriwal, Hon'ble C.M., Delhi. Ms. Ritika Butar topped all over the state in the examination of 1st trimester. The Chief Minister also announced for providing the free yoga classes to the public of Delhi by Centre for Meditation and Yoga Sciences. After the announcement made by Delhi C.M, thousands of Missed calls were received from all over the country and initially it started functioning at hundreds of places at different locations of Delhi.



DPSRU signed Memorandum of Understanding (MoU) with Aruna Asaf Ali Government Hospital, New Delhi

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

The MoU was signed by Dr Sunita Meena , Medical Superintendent (MS) on the behalf of Aruna Asaf Ali

Hospital and Dr. O.P Shukla, Registrar on behalf of DPSRU and marked the beginning of a wonderful association between both the organizations.

The MoU ceremony was attended by Dr. Vijay Khari, Deputy Medical Superintendent (DMS), Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Management, Dr. Shilpa Jain, Head, School of Physiotherapy, Ms.Shivani, Hospital Liaisoning officer, DPSRU and Mr. Rakesh Chabra, Consultant Administration, DPSRU.

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



PROJECTS Sanctioned / Submitted

DPSRU- Centre for Advanced Formulation Technology (DPSRU-CAFT)

Team members: Prof. Ramesh K. Goyal, Prof. Geeta, Prof. Deepti, Dr. Gaurav Jain

Agency: DSIR

Release on 1st installment of Rs. 175 Lakhs.

Dr. Sahil Kumar (PI)

- "Design, Synthesis and Evaluation of Novel Ligands of Natural Origin for the Treatment of Dengue" under Scheme for Young Scientists and Technologists, Nov 2021.

Agency: DST

Amount: Rs. 31,24,000/-

Dr. Ajit Thakur (PI)

- Neuropharmacological and Mechanistic Studies on Glycyrrhizin in Rodents Models of Neurodegenerative Diseases.

Agency: ICMR

- Investigating the synergistic role of Nobiletin and Doxycycline via modulating oxidative stress and inflammatory pathways to prevent neuronal damage in ischemia-reperfusion in rodent model.

Agency: ICMR

Dr. CR Patil,

Transforming the Pharmacology and Biotechnology Department for Inculcating 3R's in the Drug Evaluation as per the Updated Regulatory Guidelines.'

Agency: DST

Amount: Rs. 3 Crore

Dr. Priti Jain (PI), Dr. Anoop Kumar (Co-PI)

- Development of Novel Chemical Scaffolds as Multifunctional Hybrids Targeting BACE1, Acetylcholinestrase and Butyrylcholinestrase for Anti-Alzheimer's Activity.
- Agency: ICMR.

Prof. Richa H Rai (PI), Dr. Sheetal Kalra (Co-PI), Dr. Puneeta Ajmera (Co-PI), Dr. Sonia Pawaria (Co-PI)

- Effect of Change of Postural Alignment on Pulmonary Function and Quality of Life in COPD: A Prospective Intervention Study.
- Agency: ICMR

Dr. Gaurav Jain (PI), Prof Richa H Rai (Co-PI)

- Photoresponsive, sustained release Sirolimus Vesicular Gel Matrix for the Effective Management of Age Related Macular Degeneration.

Agency: ICMR

PATENTS

Ramesh K. Goyal, Geeta Aggarwal, Shilpa Jain

Nov 2021

Patent Published: A muscle relaxant pharmaceutical composition for combating muscle pain and injuries.

Prof. Richa Rai

12.01.2021

Patent Filed: A prototype to develop an application for testing patients and normal people for their functional capacity by a new on-field testing system.

Dr. Meenakshi K Chauhan; Pankaj K Sharma

06.09.2021

Patent Granted: Vitamin E TPGS based Pharmaceutical Composition for Sustained Drug Delivery.

Patent No. 376816/2021.



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Books / Book Chapters

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Faculty as Resource Persons

Prof. Ramesh K. Goyal

- 17.09.2021
Topic: 21 Revolutions of the 2021 in Pharmaceutical Sciences
Event: AICTE FDP
Organized at: Amravati
- 21.09.2021
Topic: Pharmaceutical Sciences & Drug Development
Organized by: Visnagar University, Gujarat
- 25.09.2021
Topic: Pharmacy: Always Trusted for your Health
Event: World Pharmacy Day Celebration
- 29.09.2021
Topic: Connecting to prevent Cardiovascular Diseases.
Event: World Heart Day Celebration
- 18.10.2021
Topic: Pharmacy: Evergreen Health Sciences Career.
Event: Orientation Program
Organized by: Anangpuria Institute of Pharmacy, Noida, UP
- 23.10.2021
Topic: From Docking to dwelling upon drug development with novel target ACE-2
Event: National e- Seminar.
Organized by: ITM University, Vadodara, Gujarat.
- 29.11.2021
Topic: Guest
Event: National Pharmacy Week Valediction
Organized by: PHD Chamber of Commerce, New Delhi
- 03.12.2021
Topic: 21 Revolutions in the 21st Century
Organized by: S S Jain College of Pharmacy, Chandwada, Nashik, Maharashtra.
- 11.12.2021
Topic: Latest in Alternatives to Animal Experimentation for Biological Research: Organ-on-Chip Technologies
Event: 4th Annual International Conference for SAAC
Organized at: New Delhi
- 16.12.2021
Topic: Making Global Impact through NEP-2020 Transformational Reforms
Organized by: Lloyd Institute of Pharmacy, Greater Noida, UP

Prof. Geeta Aggarwal

- 25.09.2021
Guest Speaker
Event: Webinar entitled Pharmacy: Always trusted for your health.
Organized by: RayatBahra University. Punjab

Prof. Rajiv Tonk

- 06.08.2021
Topic: ABC of Self-Management for Pharmacist
Event: 4 weeks online short-term training program on Drug store management.
Organized by: Maharaj Agrasen University, Solan, HP.
- 14.10.2021
Topic: Career Opportunities in Pharmacy Profession.
Event: Orientation program for UG students.
Organized by: Gurugram Global College of Pharmacy

Dr. Sushma Telegaonkar

- 25.12.2021
Topic: Evolving Paradigm of biocompatibility of novel biomaterials based Nanoparticles
Event: AICTE-ISTE refresher program.
Organized by: ISF College, Moga
- 17.12.2021
Topic: Adaptation of the quality by design concept in early pharmaceutical development of biopolymericnanocarriers.
Event: Online Multidisciplinary Refresher Course in Pharmacy.
Organized by: Pt. Ravishankar Shukla University, Raipur
- 03 – 04.12.2021
Topic: Lignin Microparticles based gel of curcumin in treatment of Acne vulgaris
Event: 5th International Virtual conference on “Emerging Infectious Disease and Novel Drug Development”.
Organized by: Swamy Vivekananda College of Pharmacy, Chennai.
- 27-28.09.2021
Topic: Functionalized dual loaded nanoliposomes effective Treatment of Resistant Metastatic Melanoma
Event: International conference on Nanomedicine: Biomolecules for Human Health Small Molecules, Big Opportunities.
Organized by: Kirorimal College, DU.

Continued...

Dr. Mukesh Nandave

- 13-17.12.2021
Topic: Design Thinking: A Patient-Centric Approach in Healthcare Industry.
Event: AICTE Sponsored Atal Academy FDP.

Dr. Shilpa Jain

- 07-08.09.2021
Topic: Advances in Management of Trigger Points.
Event: 2 Days National Webinar on World Physiotherapy Day.
Organized by: Faculty of Physiotherapy and IQAC, Baba Mastnath University, Rohtak
- 08.09.2021
Topic: Emerging Treatment for Myofascial Trigger Points.
Event: Alumni Student Interact on World Physiotherapy Day.
Organized by Department of Physiotherapy, Sardar Bhagwan Singh University, Dehradun.
- 21.09.2021
Topic: Osteoarthritis
Event: Multi- Disciplinary State Level Seminar.
Organized by: Gaur Brahman Ayurvedic College and Hospital, Brahmanwas, Rohtak.

Dr. Sheetal Kalra

- 10-11.12.2021
Scientific Committee coordinator (Professional category paper presentation).
Event: Sports Connect-4
Organized in: Jalandhar, Punjab.

Dr. Ajit Thakur

- 01.08.2021
Topic: Career in Pharmaceutical Sciences: A Pharmacologist's Perspective.
Event: Webinar Series-2021.
Organized by: Jain University, Tatanagar (Jamshedpur).
- 17.09.2021
Event: Orientation/Induction program “AARAMBH 2021”,
Organized by: Arka Jain University, Tatanagar
- 19.11.2021
Topic: Beneficial effects of Glycyrrhizin rich Glycyrrhiza glabra Linn. Extract on Learning and Memory in Stress-Triggered Rats.
Event: International E-Conference on Natural & Novel Pharmaceutical Research.
Organized by: School of Pharmacy, Arka Jain University Tatanagar and Pharmacy Department, San Pedro College, Philippines

Dr. Jyoti Kataria

- 18-19.12.2021
Topic: Current rehabilitation trends in scapular pathologies.
Event: Global Association of Physiotherapy conference GAPTCOON 2021.

Dr. Anoop Kumar

- 13-17.09.2021
Topic: Aggregate reporting in Pharmacovigilance
Event: 18th Skill Development Programme on Pharmacovigilance for Medicinal Products.
Organized by: National Coordination Centre, Pharmacovigilance Programme of India, Indian Pharmacopoeia Commission, Ghaziabad, India.
- 12-13.11.2021
Chairperson in Doctoral Consortium.
Event: Doctoral Consortium 2021.
Organized by: Chitkara University, Punjab
- 21.09.2021
An evaluator in oral presentation on ‘Recent trends in Pharmacovigilance and Drug Safety’
Event: National Pharmacovigilance Week
Organized by: Jamia Hamdard University.
- 15-18.11.2021
Topic: Peer Reviewer of abstracts submitted in the category of Pharmaco-economic modelling.
Event: Virtual International Society for Health Economics and Outcomes Research Conference.
- 20.11.2021
Topic: Awareness on Epilepsy
Organized by: Rotaract Club of DPSRU

Dr. Abhishek Dadhich:

- Topic: Navigating the New Normal in Indian Pharmaceutical Commercialization
Organized by: Lachoo Memorial College of Science and technology Jodhpur (Raj)

Dr. Sapna Dhiman

- 05.10.2021
Topic: Postural Control in Children with Cerebral Palsy.
Event: World Cerebral Palsy Day.
Organized by: Institute of Health & Allied Sciences.
- 15.09.2021
Topic: Cerebral Palsy - Overcoming Limitations through Physical Rehabilitation.
Organized by: National Institute for Empowerment of Person with Visual Disabilities, Dehradun
- 11-12.09.2021
Topic: Facilitation of Trunk Control in Children with Spastic Cerebral Palsy.
Event: 2nd International Web Physio Summit.
- 06.09.2021
Topic: Effects of Long COVID on Pediatric Population.
Event: World Physiotherapy Week Celebration
Organized by: Banarsidas Chandiwala Institute of Physiotherapy.

Poster/ Paper Presentations

Posters Presentations:

Kavita Chaurasia, KajalArora, Ayushi Sharma, Kriti Soni and Sushama Talegaonkar

Date: 27-28.09.2021

- “Design, Development and Optimization of Bromelain Loaded Mucoadhesive Nanoparticles for the Treatment of Rhino sinusitis through Intranasal Drug Delivery
- “Design, Development and Optimization of Hesperidin loaded Nanostructured Lipid Carriers for the treatment of UV induced Photoaging”

- “Design Development and Optimization of Berberine Loaded Nanostructured Lipid Carriers based Gel for the Management of Psoriasis”

Event: Nanomedicine: Biomolecules for Human Health (NBHH- 2021)

Organized by Kirori Mal College, Delhi University, New Delhi, 27-28 September 2021.

Paper Presentation:

Dr. Sapna Dhiman

Event: Neuraxis Interconnect 2021 conducted between 22nd-29th September, 2021.

Awards / Achievements

Dr Sushama Talegaonkar

Conferred with Dr. A.P.J. Abdul Kalam Teacher's Excellence Award 2020

Dr Sushama Talegaonkar, Associate Professor, Department of Pharmaceutics, has received Dr. A.P.J. Abdul Kalam Teacher's Excellence Award 2020 from Dr. Subhas Sarkar, Union Minister of State, Ministry of Education, Govt. of India, on 22.12.21. This prestigious event was organised by the Shiksha kKalyaan Foundation, Delhi, in association with AICTE.



Dr Meenakshi Chauhan

• Appreciation Award in Oct 2021

In recognition as Faculty Coordinator for the MANAV Scientific Reading and Comprehension Self-Assessment Module and Mentoring the students to critically evaluate the scientific papers form peer-reviewed Journals from Pharmacy.

• Recognition in Dec 2021

AICTE-NITTTR Certified Mentor for faculty joined under Technical courses of AICTE from DIPSAR/DPSRU, New Delhi.

Ms. Monika Targotra, Ph.D. Scholar

Awarded "Best Poster Award" in two-day national conference organized by KIET School of Pharmacy, Ghaziabad in collaboration with CSIR-Indian Institute of Toxicological Research, Lucknow, India, held online on Oct. 7-8, 2021.

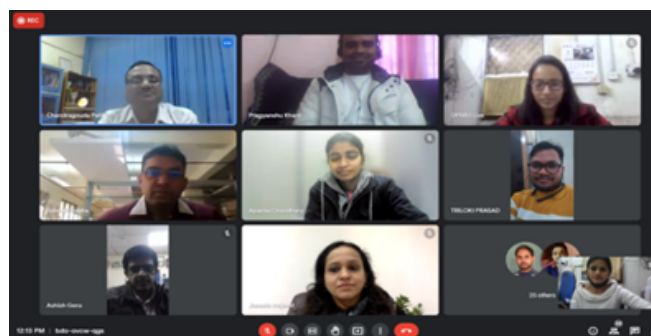
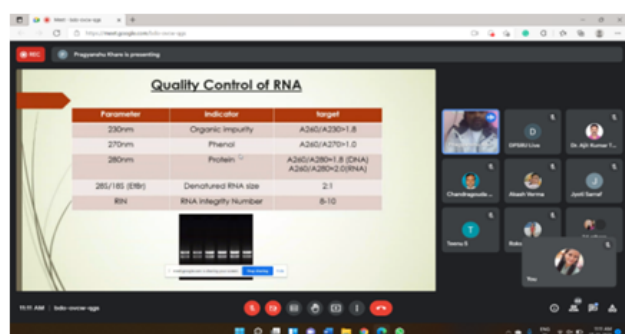
Activities of Center of Precision Medicine

RT-PCR: Role in Bioanalysis for Precision Medicine

DPSRU-Centre for Precision Medicine and Pharmacy (DCPMP) organized an exclusive webinar session on RT-PCR: Role in Bioanalysis for Precision Medicine on 17th December 2021 at 10:30 IST. The speaker of the session was Dr. Pragyanshu Khare currently working as a Post-Doctoral Scientist in Department of Anesthesiology, Faculty of Medicine, University Hospital Erlangen, Friedrich Alexander University, Erlangen-Nuremberg, Germany. The program was conducted through virtual mode with more than 75 participants both teaching Faculty and students. The event started with a welcome address to the speaker and the participants by Dr. Jaseela Majeed.

The introduction about the speaker was made by Dr. Ajit K Thakur. Dr. Pragyanshu Khare shared his own research work on RT-PCR and explained about the use of RT PCR for the gene analysis and beautifully narrated the difference between different PCR techniques. His talk explored the finest practice from sample collection to preparation for real-time RT-PCR along with primer designing for PCR and interpretation of results. The webinar concluded with a unique, 'problem-solving' session during which the technical concerns and challenges of the laboratories were discussed with the participants. Followed the talk, the Q& A session was handled by Dr. Ruchika Sharma who gave the participants to clear their doubts and interact with the speaker.

The webinar was hosted by Dr. Ruchika Sharma and the participants have provided positive feedback regarding the event and got an understanding on how to use RT-PCR technique for bioanalysis study. The webinar was organized by the Scientific team of DCPMP, Prof(Dr) Geeta Aggarwal, Prof (Dr) C R Patil, Dr. Jaseela Majeed, Dr. Ajit K Thakur, Dr Ruchika Sharma and Dr Subodh Gupta.



Hands on training on Protein Gel Electrophoresis (SDS-PAGE)

DPSRU-Centre for Precision Medicine and Pharmacy (DCPMP) organized its first hands on training session on the topic; "PROTEIN GEL ELECTROPHORESIS (SDS-PAGE)" on 30th November 2021, under the chairmanship of Hon'ble Vice Chancellor, Prof. Ramesh K. Goyal and Advisorship of Dr. O.P. Shukla, Registrar, DPSRU. The program was conducted through off line mode in Lab-106, DPSRU Building. In the training twenty three participants having PG and PhD background were participated.

The training was conducted under the Scientific Advisorship of Prof. Geeta Aggarwal, Dean Academics, Prof. C.R. Patil, Professor of Pharmacology, Dr. Jaseela Majeed, Associate Professor, School of Allied and Health Sciences and Dr. Ajit K. Thakur, Assistant Professor, Department of Pharmacology. It was Coordinated by Dr. Subodh Kumar and Co-coordinated by Dr. Ruchika Sharma.



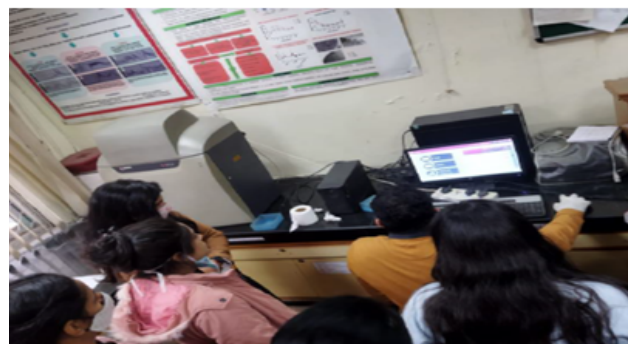
The hands on training were divided into two sessions. In the first session we had shown the protein estimation of a biological sample through Lowry method followed by standard curve generation in excel sheet to the participants. The next session was started with basics of protein gel electrophoresis followed by experimental procedure and trouble-shooting.

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The procedure of protein gel electrophoresis was divided in to two experimental sessions. In the first session, the protein was separated in poly acrylamide gel under the influence of electric field followed by staining of the resulting SDS-PAGE gel with Coomassie Brilliant Blue (CBB) dye. In the second, we had shown that how to captured and analyse the CBB stained SDS-PAGE gel for publication purpose through Gel Documentation system.

The valedictory session was chaired by Hon’ble Vice-Chancellor, Prof. Ramesh K. Goyal. Prof. Goyal shared his words of wisdom and highlighted the importance of hands of training in scientific research, which are lagging behind due to Covid-19 pandemic.

Prof. Goyal had also emphasized that the proposed topic is an important experiment in biomarker discovery. Prof. Goyal interacted with all the participants and discussed about feedback of the hands of training. All the participants shown overwhelming response and were shown positive interest to attend such hands on training in future if facilitate to them. The participants were received the certificates from Hon’ble Vice Chancellor, Prof. Ramesh K. Goyal. The session was ended with blessing of Hon’ble Vice Chancellor, Prof. Ramesh K. Goyal and Dean Academics, Prof. Geeta Aggarwal. They encourage us to do such activities in future.



Activities of DSIR-DPSRU-CRTDH CENTRE for Advanced Formulation Technology

DSIR - DPSRU - CRTDH CAFT Team Gujarat Visit

To acquire information for establishment of National State-of-Art facility “DPSRU-CAFT”, Hon’ble Vice Chancellor Prof. Ramesh K. Goyal, DPSRU and his team comprising of Prof. Deepti Pandita, Prof. Geeta Aggarwal, Dr. Gaurav K. Jain travelled for a three-day official tour to Gujarat, India from 20th – 22nd Oct., 2021.

The team was welcomed by Sudhir Bhai Shah, Director of Shah Prakashan, Ahemdabad, Gujarat, India, discussed about the heritage of the publishing house and the future plans as well as collaborations with the team. Next was the visit to the labs and pilot plant facility i.e. DSIR-IITGN-CRTDH set up at IIT Gandhinagar and got acquainted to facilities, equipment and pilot plant set up. Prof. Chinmay, project coordinator delivered an introductory lecture and shared the journey of institute in setting up as well as various successful outcomes of CRTDH Centre on Chemical Processes at their campus.

Labs were well equipped with facilities like ICP Analysis Suite (Perkin Elmer), fluorescence spectrometer, multimode microplate, mass spectrometer (Spectrum Automation and Control) UV-Vis spectrometer (Analytic Jena AG), Model - MAX300CAT (M/s Extrel CMS, LLC, USA), multi-purpose online gas chromatography, TOC analyser (Analytik Jena AG), HPTLC (CAMAG, Switzerland), basket centrifuge, and refrigerator circulator. Visit to CDRTH IIT Gandhinagar helped the team understand the feasibility and flaws in development of pilot scale plant.

The DPSRU team along with Dr. Baibhav Bhatt, CEO, GTU and his team visited ATAL Incubation Centre. Atal Incubation Center is supported by Atal Inovation Mission, NITI Aayog, Government of India promoted by Gujarat's largest University- Gujarat Technological University. It is a flagship initiative to support the startups in Life Sciences & MedTech and allied areas. The last event of the day was visit to GSET, GTU and an interactive session with Director Dr. S D Panchal and team. The team also had productive discussions with Dr. NavinSheth, Hon’ble Vice Chancellor, GTU.

Next, DSIR-DPRSU CAFT team proceeded to Zydus Research Center where they were welcomed by Dr Mukul Jain, Vice President, Zydus Research Center and had an informative tour of the center. Our Hon’ble Vice Chancellor Prof. R. K. Goyal had an online presentation with chairman Zydus & member, GC, Shri Pankaj bhai R. Patel; and discussed the future projects of the university. The final stop was at Institute of Human Genetics Ahmedabad headed by Dr. Jayesh, Dr. Frenny and Dr. Harsh Sheth. The official tour proved to be very fruitful as it ended up with tie up plans among Institute of Human Genetic, Gujarat Technological University and Delhi Pharmaceutical Sciences and Research University.



Constitution Day Celebration and Workshop on Ideas for Solving Technical Challenges in Herbal Drug Formulations

The newly incepted DSIR-DPSRU-CRTDH celebrated the Constitution Day and Azadi ka Amrit Mahotsav from November 26–29th, 2021 at the Delhi Pharmaceutical Sciences and Research University, New Delhi. The programme began with a competition for logo designing for the DSIR-DPSRU-CRTDH, Centre for Advanced Formulation Development (CAFT). The celebrations continued on November 29, 2021. Guests, faculties and students joined the event via offline as well as online mode. The event commenced with the blessings of goddess Saraswati by lighting of lamps by our notable guests.

Prof. (Dr.) Geeta Aggarwal, Dean Academics, spoke about the university's objectives and vision. Dr. Aggarwal introduced about Centre for Advance Formulation Technology to be developed under DSIR-DPSRU-CRTDH project. Later Dr. Gaurav K. Jain enlightened the gathering about the purpose and mission of CAFT and the breadth of services it is going to provide to start-ups, SMEs, and the industrial sector, which was followed by a question-and-answer session.

Dr. Sujata Chaklanobis, Head CRTDH, DSIR highlighted the importance of constitution day and its role in structuring India. She also congratulated DPSRU for establishing CRTDH center. Further, she discussed the engagement models that CRTDH has to adopt, including a flexible/ virtual model for MSMEs, licensing models and joint venture models for development of new products. Dr. Vipin C. Shukla, DSIR emphasised on creating an effective partnership agreement as well as the need to assist and support new businesses. In response to this the DSIR-DPSRU-CRTDH team assured to adopt the recommendations for the future projects.

Further, Prof. Ramesh K. Goyal, Hon. Vice Chancellor of the DPSRU, discussed about the vision and mission of DPSRU for 2030. He discussed about the development of Chloroquil, first of its kind ayurvedic formulation for treatment of covid-19 and the related symptoms. Together integrated with Precision Medicine and Pharmacy Center, Bionest center, DIIF, Nanotech center, and the upcoming CAFT center will

be one stop solution for MSME product development. As part of a thorough discussion, he emphasised the significance of using high-quality raw materials while creating herbal and plant-based remedies. He accentuated on the need for harmonising multiple regulatory criteria for various suggested formulations to create a clear framework for ayurvedic, herbal, and phytopharmaceutical goods, as well as dietary supplements.

Soon the workshop for "Triggering Ideas for Solving Technical Challenges in Herbal Drug Formulations" organised by Prof. Deepti Pandita began where she discussed the challenges of producing herbal medications, as well as the importance of knowing regulatory requirements.

Companies such as Remedium, Vytals Wellness, Dabur India, Alniche, Systopic, Multani Pharma, and Aimil Pharma actively participated and presented their views and suggestions at the workshop. The discussion went wonderfully between the stakeholders from industry as well as academia about harmonising their efforts to cultivate a productive environment for development of phytopharmaceuticals.

All the delegates who attended the workshop, expressed their support for the development of herbal formulations as well as the establishment of uniform regulatory standards. Ideas that were triggered through the discussion included the need for innovation and creative initiatives such as CAFT in the development of such prospective self-sustainable research centre that can provide a quality platform to reduce problems with authentication of phytopharmaceuticals and various other constraints regarding herbal formulations.

Later the results for the Logo making competition were announced by the event host Ms. Gargi Arora, student and the winners (Mr. Gaurav, PhD Scholar, and Ms. Ankita Gaur, B.Pharm Student, DPSRU) received the certificates from our guest of honours. Lastly, Dr. Ramesh K. Goyal, Dr. Geeta, Dr. Deepti and Dr. Gaurav lead a tour of the proposed centre and announced the constitution of the DSIR-DPSRU-CRTDH management committee, which was followed by a vote of thanks by Dr. Rajiv Tonk and National Anthem.



Directorate of Health Services,
Dept. of Health & Family Welfare, Govt of NCT of Delhi

"VACCINATION DRIVE"



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

The vaccination drive was inaugurated by the Prof. Ramesh K Goyal, Hon'ble Vice-Chancellor. Prof.Goyal, in his inaugural speech emphasized that DPSRU has followed the safety guidelines and taken all measures to keep the campus safe during

the pandemic. The vaccination programme is scheduled in 3 more phases, one day each in the months of October, November and December 2021. Dr. Nitin, Medical Officer, 2 ANMs and 4 Vaccination Officers were deployed by IDHS for the smooth conduction of the vaccination. They were also felicitated by the University authorities for their contribution and support.

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



OTHER ACADEMIC AND CO-CURRICULAR EVENTS

A Symposium on “Status Of Pharmacotherapeutics Of Covid-19 After Two Years”

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

Dr Kamlendra Singh, the speaker for the day enlightened the audience with his talk on “Targeting chinks in the armor of SARS CoV-2: Where we stand after 2 years”. Dr Singh during his lecture discussed in detail about the SARS CoV-2 virus, its mutations, targets and shared his research experiences at University of Missouri, on identification of specific mutations in the virus by analyzing protein sequences for more than 300,000 Covid-19 samples from different parts of the world.



Prof Ramesh K Goyal delivered a talk on “ACE2: A target of 21st century”, wherein he elaborated the role of Angiotensin converting enzyme-2 (ACE-2 receptors), the key target for SARS CoV-2 virus. Prof Goyal discussed about Coroquil-Zn, the herbal formulation developed by University in association with Remedium Therapeutics Pvt Ltd, Chennai and Jammi Pharmaceuticals Pvt Ltd, Chennai for management of mild to moderate cases of Covid-19 waiting for the final nod from Ministry of Ayush for approval. The cell based studies in Calu-3 human lung cell lines for the formulation was carried out under the guidance of Dr. Kamlendra Singh in University of Missouri, USA.

The closing remarks was made by Prof Sridhar Dwivedi and congratulated the speakers about the level of expertise and knowledge in their domain areas. Prof C R Babu and Prof Arun Agarwal also contributed through the words of wisdom and congratulated the team for developing Coroquil-Zn. The symposium had great deliberations and attended by more than 100 participants both online and offline. The event was compered by Dr Priti Jain, Asst Professor DPSRU. Prof (Dr) Rajiv Kumar Tonk, Dean Student Affairs proposed the vote of thanks on behalf of organizing committee; Dr. Kalicharan Sharma (Scientist, Remedium Therapeutics), Dr. Jaseela Majeed (Associate Professor, DPSRU) and Dr. Mahaveer Dhobi ((Associate Professor, DPSRU) who contributed for the success of the symposium. Prof. Ramesh Goyal, Hon’ble Vice Chancellor along with Dr Kamlendra Singh and team met Shr. Manish Sisodia, Hon’ble Dpty CM of Delhi.

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Collaboration of School of Allied Health Sciences and Management with Institution of Emergency & Accidents (IDEA): An ISO9001: 2008 Accredited Organization.

The faculty and students of School of Allied Health Sciences and Management, collaborated with Institute of Emergency & Accidents (IDEA) for research in the areas of a public health emergency. IDEA is an emergency management agency working in the areas of a public health emergency, health systems strengthening, and community resilience. The other core areas of work are hospital safety, industrial safety, and road safety.

The team IDEA has collaborated with DPSRU in projects and concepts and engaged MPH students for internships for overall technical development and career enhancement through technical exposure and stakeholder engagement. IDEA has extended cooperation with Delhi Pharmaceutical Sciences and Research University as a technical partner in providing opportunities to the students to be a part of the Community Knowledge Survey on COVID-19 - commissioned by The WHO (country office) in India on behalf of National Centre for Disease Control (NCDC). Recently IDEA joined hands with University in conducting "The Perception and Knowledge Survey on Doctors" commissioned by WHO to understand the experiences and challenges faced by the Doctor during COVID 19 and thus support the MOHFW in undertaking risk informed policy making.

In this regard a visit has been made by Ms Pooja Saxena, DRR Team Lead, IDEA visited DPSRU on 15th December 2021 to take this association further. Ms Pooja interacted with faculty and students of School of Allied Health Sciences and Management and briefed how to proceed with the Survey on Doctors and come out with a final report on the basis of analysis of the findings. Ms. Pooja got an opportunity to meet Prof. Ramesh Goyal, Hon'ble Vice Chancellor, DPSRU to materialize fruitful research projects with University. The meeting ended with a positive note to take this association forward. The meeting was organized by Dr. Jaseela Majeed, Head School of Allied Health Sciences and coordinated by Dr. Puneeta Ajmera, Faculty Coordinator of MPH program.



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

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

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



Organization of the Fourth Annual National Conference Of SAAE-India (4AC-SAAE-I) And Post-Conference Workshops

The Fourth Annual National Conference of SAAE-India (4AC-SAAE-I) was organized in association with the Delhi Pharmaceutical Sciences and Research University, New Delhi on 11th and 12th December 2021. The Society for Alternatives to Animal Experiments (SAAE) - India is a registered society with the mandate to popularize the alternatives to the animal experiments in education and research. The 4AC-SAAE-I was organized in the blended mode.

The resource persons for this conference included speakers from seven countries including USA, UK, France, Belgium, Norway and India. The inauguration ceremony was organized at the DPSRU boardroom. This ceremony was presided over by Dr. Y. K. Gupta, President SAAE-I under the patronage of Dr. R. K. Goyal, Honourable Vice-Chancellor, DPSRU. Dr. S. Raisuddin, Vice President, SAAE-I, from Jamia Hamdard and Dr. Ankita Pandey, Science Policy Advisor from PETA India were guests of honour.



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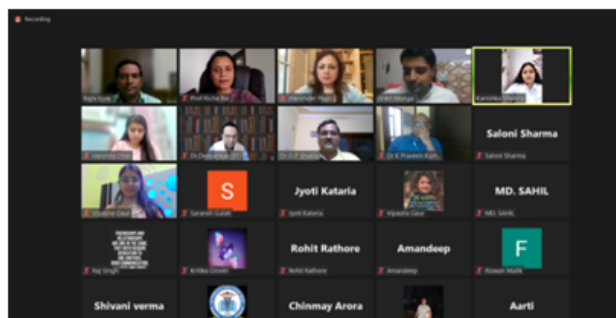
Dr. M. A. Akbarsha, General Secretary of SAAE-I coordinated the conference events. The conference was attended by the 1400 delegates from all the corners of the world. Dr. R. K. Goyal enlightened the audience about the role of experimental animal based research in the drug discovery and emphasized upon the rationalization of the use of alternatives in research. Dr. Thomas Hartung and Dr. Lena Smirnova, Professors from Johns Hopkins Bloomberg School of Public Health,

USA detailed about the cell culture assays and the role 3D cell culture in neuropharmacology. Dr. Adrian Smith, Professor and Secretary, Norecopa, Norway emphasized the necessity of experimental design in Pharmacological research. Dr. Francois Busquet from Alartox,

Belgium presented the global regulatory status of alternatives-based guidelines. The representatives of two Japanese firms. J-Tec Company Ltd. and Kao Corporation, Japan provided the updates on frontier level tissue engineering technology-based products and their applications in the regulatory toxicity testing. Dr. Christian Pellevoisin, Scientific Director, L'Oreal Episkin, France elaborated on the tissue engineering technologies and their applications in drug discovery and research. He generously arranged for a grant of 1000 Euros as award for the winners of oral and poster presentations. Other resource persons involved Dr. A. B. Pant, CSIR, Dr. P.V. Mohanan SCIMST Trivandrum, Dr. Jayasujatha Vethamanickam Unilever, UK and Dr Rakesh Singh, NIPER-Raybareily.

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

The conference was concluded on 12th Dec. 2021 with congratulatory remarks by Dr. R. K. Goyal, Honourable VC, DPSRU and Dr. Y. K. Gupta, President, SAAE-I. The organizing committee of 4AC SAAE-I included Prof. C. R. Patil, Dr. Sachin Kumar, Dr. Anoop Kumar, Dr. Prabodh Sharma along with other professors from the Pharmacology and Biotechnology department of DPSRU.



Healthy Heart Campaign was organised by (DPSRU), and Society for promotion and Research of Cardiovascular Sciences (SPARCS)

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

Continued...

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

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

The event was inaugurated by Prof. Ramesh K Goyal, Honorable Vice Chancellor, DPSRU in presence of all the staffs, research scholars, students and other participants.

An expert talk of the revered speaker, Dr Mukesh Goel, Senior Consultant, Heart and lung transplant, Indraprastha Apollo Hospital, New Delhi was organised. Through his talk Dr. Mukesh Goel delivered the awareness about how our daily life style affects our heart health and how to create an action plan to prevent the heart diseases. Talking about heart health he enlisted the basic rules to keep in mind for maintaining healthy heart, like regular exercise, healthy diet and knowing your numbers of cholesterol level, triglyceride, blood sugar, blood pressure etc. by routine check-up and tests to keep it under control. He also put forth the idea of noble action donating organs to help others.

The event was conducted offline and in online mode attended by number of students, research scholars, faculty and BOG members, DPSRU.

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

Simultaneously, posters were displayed reflecting the advancements in cardiovascular research, various approaches of healthy diet and lifestyle to maintain good heart health. The event ended with paying tribute to Nation by singing National Anthem.



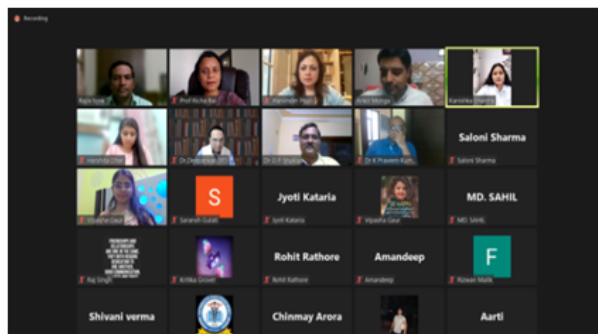
DPSRU Celebrates and Expresses Gratitude and Honour for Teachers

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

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

An audience of approx. 70-80, all faculty, staff and students, participated with great zeal as Prof. Richa H Rai conducted the Question and Answer session and Prof. Rajiv K Tonk concluded the same with a poetry leaving all elated. The event was organised by Dean Student Welfare Prof. (Dr.) Rajiv K Tonk, Extracurricular in-charge Prof. (Dr.) Richa H Rai and was explicitly moderated by Student Coordinators Mr Ankit Monga and Ms Kanishka Sharma and systematically harmonised online by joint efforts of Mr Saransh Gulati, Ms Vipasha Gaur, Mr Abdul Harshad, Ms Harshita Dhar and Ms Kritika Grover.

Following this, one of the active student's group 'Rtract Club of DPSRU' also presented a delighting video introducing the faculty to all our newly joined students, who have been yearning to join the on-campus activities, and depicting the recent achievements of the University under the able guidance of Hon'ble Vice Chancellor Prof. Ramesh K Goyal.



DPSRU at Perfect Health Mela 2021

Delhi Pharmaceutical Sciences and Research University participated in Dr KK's Heart Care Foundation of India's flagship event the 28th PerfectHealthMela on virtual platform, the focus of which was “One Health during the Pandemic Times”. The inter-college event witnessed participation of students from all walks of life in November 2021 on digital platform.

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

DPSRU Celebrates National Unity Day: Rashtriya Ekta Diwas

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

On 31st October 2021 Dean Student Welfare office organised a Monoact Competition, demonstrating the country's sovereignty, under the leadership of Honourable Vice Chancellor Prof Ramesh K Goyal and guidance of Dean Student Welfare Prof Rajiv K. Tonk and with Extra curricular faculty incharge Prof. Richa H Rai.

The competition was well organised and coordinated by the members of Fitoor Society of DPSRU and Video compilation was done by Ms Deepshikha and Ms Kashika Bhatia from BPT 3rd year and Prof Richa H Rai.

The competition was won by Ms Priyanshu Hari from B Pharm 2nd year . The event at DPSRU was commemorated, as a part of the Amrit Mahotsav to mark India's 75 years of Independence.

Delhi Pharmaceutical Sciences And Research University
 Celebrates
 राष्ट्रीय एकता दिवस
NATIONAL UNITY DAY
 75 Years - Azadi Ka Amrut Mahotsav

MONOACT COMPETITION
 Each participant has to submit a short video presenting their thoughts on national unity day and the essence of the country's sovereignty.
 Participants can present it in the form of a quote, shayari, poeti
 Each participant is required to dress up representing any one/more than one cultures of the country.
 Results will be announced on 31st Oct 2021 during the celebration of National unity day, details of which shall be shared soon.
 Winners will be felicitated with certificates

SPECIFICATIONS:
FORMAT: .mov/.mp4 (Max Size-100MB)
DURATION: 15-30 seconds
DRESS CODE- Representing any one/more than once cultures
 SUBMIT VIA GOOGLE FORM-<https://forms.gle/5Nw3Z4UzAivPL78>

TO BE SUBMITTED LATEST BY SATURDAY 30 OCTOBER, 5 P
 (Judges decision will be final. Exceeding time limit is not advisable)

PATRON
 Honourable VC, DPSRU
 Prof. Ramesh K Goyal

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

STUDENT COORDINATOR
 KASHIKA BHATIA-9599527720
 DEEPSHIKHA-7603972465

FACULTY INCHARGE
 Prof. RICHHA H. RAI

DEAN STUDENTS' WELI
 Dr. RAJIV K.TONK

60th National Pharmacy Week Celebration at DPSRU, New Delhi

School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University (DPSRU) virtually celebrated the 60th National Pharmacy week from 15th November to 18th November, with great enthusiasm and participation of the students and faculty members. This week was celebrated under the theme "75 Azadi Ka Amrut Mahotsav".

On 12th March 2021, Our Hon'ble Prime Minister-Shri Narendra Modi Ji inaugurated the year-long celebrations of 75 years of India's Independence themed "Azadi Ka Amrut Mahotsav" from Gujarat, an initiative of the Government of India to celebrate and commemorate 75 years of freedom of progressive India encompassing the glimpse of the pride of Sanatan Bharat and the glory of Modern India. He said that it should reflect the light of the spirituality of the sages along with highlighting the capabilities and strengths of our scientists depicting the magnificent journey of our Nation. He further put emphasis on 'creating a vision' for India@2047 for which various Social and cultural events, showcasing scientific accomplishments and technological advancements will be organized. In light of this, Delhi Pharmaceutical Sciences & Research University (DPSRU) commenced celebrations of Azadi Ka Amrut Mahotsav by virtually celebrating the 60th National pharmacy week with great enthusiasm and participation of the students and faculty alike.

The celebration commenced on the 15th of November with an Inauguration Programme cum Orientation Ceremony for B. Pharm 3rd, 5th & 7th Semester students. The event was graced with the presence of eminent personalities like Prof. Ramesh K. Goyal, Honourable Vice-Chancellor, DPSRU, Dr. Praveen Khullar, Head, Global Development Centre of group Sanofi and Manufacturing Science Analytics and Technology for Europe, Chief Guest of the day,

Continued...

Prof. Harvinder Popli, Director-School of Pharmaceutical Sciences, DPSRU; Prof P. K. Sahoo, Director, DIPSAR; Prof. Geeta Aggarwal, Dean (Academics) and Prof. Rajiv Tonk, Dean (Students' Welfare). Dr. Sushama Talegaonkar, Associate Professor, DPSRU was the Coordinator and Namish Manchanda, Student of B. Pharm 5th Semester, DPSRU & Shailja, Student of B. Pharm 5th Semester, DIPSAR were the Student Coordinators of this event.

On this day welcome address was given by Dr. Sushama Talegaonkar, Coordinator of event followed with words of wisdom by Prof. Ramesh K. Goyal, Hon'ble Vice-Chancellor, DPSRU where he shared his Vision for the university. He apprised that the future pharmacists of India have a major responsibility in ensuring the speedy recovery of patients by working alongside doctors as a frontline professional and emphasized the growing importance of technology and data analytics in the pharmacy sector in coming years.

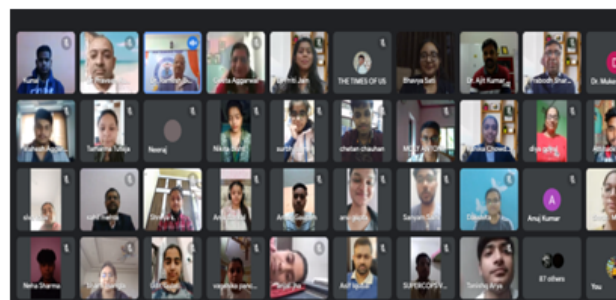
The Esteemed Chief Guest for the occasion -Dr. Praveen Khullar, President- GPMA and MC Member GCCI, Education Committee & HW Committee, Chairman Governing Committee of Goa College of Pharmacy, Head of MSAT, Cluster Europe & International, Sanofi had left no stone unturned to explain the creation and building of trust on Pharmacist in today's time and the role of Pharmacist in different arenas of healthcare sector. He emphasized on developing skills and competencies and upgrading the knowledge of budding pharmacist. He also highlighted the problems in the today's pharma sector which need to be taken as challenges in the upcoming journey.

The program proceeded further with a live interactive session with the Hon'ble Vice Chancellor followed by a formal Vote of Thanks by Dr. Sushama Talegaonkar who had expressed her gratitude towards all the speakers, the dignitaries and all attendees followed by which National Anthem which marked the end of this event.

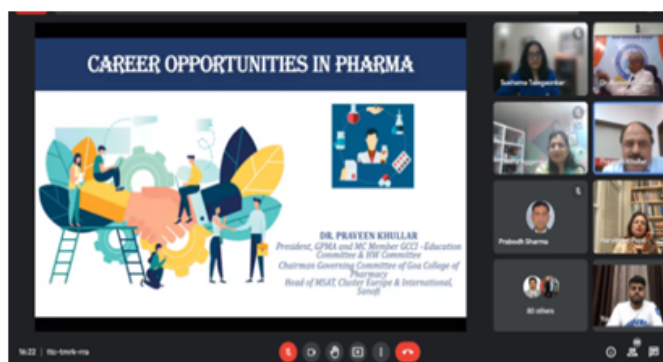
Throughout the week, various online events (Live and submission based) were conducted with the theme- "Pharmacy: Always trusted for your health" wherein students from all across the country with diversification in terms of courses and regions, participated with great zeal and fervor. Dr. Sushama Talegaonkar, Associate Professor, DPSRU was the coordinator of all the events.

On 16th November, four events were hosted, the first one being Debate which revolved around the topic "Was the Indian Pharmaceutical Industry able to meet the needs of the country during the pandemic?" that attracted a wide mass of debaters who kept their points with utmost diligence. Dr. Priti Jain, Dr. Ajit Thakur, Dr. Abhishek Dadhich & Dr. K. Praveen were the judges of this event followed by which was an interactive Quiz Competition "In Quiz-itive" in which participants confronted questions related to pharmacy. The quiz observed huge participants with the cutthroat competition. Dr. Minakshi Garg, Dr. Mukesh Nandave, Dr. Vijender and Dr. Suraj were the judges for this event.

In addition to these, there were two other events, Monoact, a submission-based event where participants showed their dramatic talent for the cause they care about, which is being judged by Dr. Sahil, Dr. Sakshi & Ms. Rakhi Ahuja and a Slogan writing competition, which provided participants with the opportunity to eloquently express themselves. The submissions were judged by Dr. Saurabh Dahiya, Dr. Anoop Kumar & Dr. Himangini based on their content, Clarity of concept, creativity, and general aesthetics.



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DPSRU organises Fresher Welcome on 18.11.2021 online

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

Foremost extending a warm welcome to all, the vision of DPSRU, to be the ultimate destination for education, training, as well as the research in Pharmaceutical and Allied Health Sciences to cater to the health needs of the people at large, was conveyed to the Freshers with pride.

This was followed by, a virtual lamp lightning alongside chanting of the mantras of Goddess Saraswati, the source of intellect. Honourable Vice Chancellor, Prof. Dr. Ramesh K. Goyal, inspired everyone present, with his enlightening words and his humble personality.

This was followed by encouraging address by Prof. Dr. Harvinder Popli, Director SPS, DPSRU and Prof. Dr. Geeta Aggarwal, Dean Academics, DPSRU; blessing from Prof. P.K. Sahoo, Director DIPSAR and Registrar DPSRU Dr O.P. Shukla were conveyed to all. Prof. Rajiv Tonk, Dean, Students Welfare addressed the students to boost their morale and elated us with his poetic composition.

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

Continued...

It was a pleasure to hear Shruti Sain of BPH 1st year, DPSRU, who volunteered to participate as well as introduce herself.

Even though the online event was as interesting as it could be and captured our attention. Moving on, the results for the various competitions held on the occasion of National Pharmacy Week were announced. Towards the end, a formal vote of thanks was offered by Dr Sushama Talegaonkar Associate Professor, SPS, DPSRU. Faculty and students of DPSRU appreciated the amazing performances and exchanged their views and best wishes.

Team of students including Ankit Monga, Ashna Pradeep, Harshita Dhar, Abdul Arshad, Avantika Gupta, Bhumika Rawat, Kanishka, Mahika, Nishita Kalra, Parinista, Shailja along with Dean Student Welfare Prof Rajiv K Tonk and Extra curricular activities Coordinator Prof Dr Richa H Rai and National Pharmacy Week Faculty Incharge Dr Sushama Talegaonkar organised the Fresher's Welcome event as a part of National Pharmacy Week and to commemorate 'Azadi ka Amrit Mahotsav'. One can visit the link <https://youtu.be/ORZk17qC-SI> to enjoy the event.

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

Delhi Pharmaceutical Sciences and Research University
(Established Under Act 07 of 2008, Govt. of NCT of Delhi)
M-8 Road, Pusa vihar, Sector 3, New Delhi - 110017

75 Azadi Ka Amrit Mahotsav

We have immense pleasure in inviting you to grace the special occasion

Cultural Programme

Virtual Cultural Programme to Welcome the Freshers of DIPSAR and DPSRU
(Organized by Rotaract Club of DPSRU)

Date & Timings:
November 18, 2021
11 AM onwards

[Click here to Join the Zoom Meeting](#)

Dr. Sushama Talegaonkar Faculty Coordinator | Pro. Richa Rai Faculty Coordinator | Prof. Rajiv Tonk Dean Student Welfare

Student Team: Ankit Monga, Ashna Pradeep, Harshita Dhar, Abdul Arshad, Avantika Gupta, Bhumika Rawat, Kanishka, Mahika, Nishita Kalra, Parinista, Shailja

Webinar on Analytical Solutions for Herbal Applications

A webinar on “Analytical Solutions for Herbal Applications- an Overview” was organized by DSIR-DPSRU-CRTDH Centre, Delhi Pharmaceutical Sciences and Research University on 10th January, 2022. The program was inaugurated by Honourable Vice Chancellor Prof. R. K. Goyal, Dean Academics Prof. Geeta Agrawal, Prof. Deepti Pandita and Dr. Gaurav Jain. The webinar initiated with a corporate presentation followed by expert talk on the instrumentation, utilization and application w.r.t. analytical solutions for herbals, and was attended by Faculties, PG and PhD. Scholars of the university.

Various key aspects of analytical instruments like Mass spectrometry (MS), Liquid Chromatography (LC-MS, HPLC and UPLC) were covered by Dr. Devasena Kannan and Mr. Abhishek from SPINCO biotech Pvt. Ltd. They talked on the basic principle working of HPLC and mass spectrometry, introduction and principle of Ultra-Fast Mass Spectrometry (UFMS) Technology and Clinical Laboratory Automation Module (CLAM), difference between conventional design and UFsweeper of UFMS Technology in MS and practical application of LC-MS and LC-MS/MS systems in the screening of phytochemicals like curcumin, catechin and caffeine.



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

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

Glimpses of Outreach Activities at Community Health Department

1. Clean India Initiatives: Video Making and Poster Making

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



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

DPSRU collaborated with the Child to Child Education Programme (CCE) of Community Health Department which aimed to promote overall growth

and development of children from the slums. Under this program a group of children and youth volunteers teach the younger children from the slum for one and half hour per day. Child to Child Education programme encourages participation of children in extra-curricular and sports activities along with providing Free health care, annual health checkups for the slum children.

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

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

3. WORLD Polio Day: Awareness Drive

On the occasion of World Polio Day on 24th October 2021, an Awareness drive was organized to spread awareness among the people and sensitize them regarding what is polio, how it is spread, what to do, how to prevent and what treatment it requires. The brochures made were made by Masters in Public Health students and handed over to ANMs and were circulated to different areas in the Sunder Nagri to engage more people and explain them about Polio. The students explained and interacted with the patients who visited the CHC in multiple rounds.



4. Home visits

Home visit is one of the essential parts of community health services which fulfil the needs of individual,

Continued...

families, and communities in general for nursing service and health counselling. Home visit is considered the backbone of community health service.

Along with ANM's Masters in Public Health students took part in home visits in the urban slums of Sundar Nagri. The purpose of the home visits:

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

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



5. Participation in Clean India Rally

"Cleanliness is next to Godliness." It is the mantra of Mahatma Gandhi, Father of Nation. He demonstrated, propagated and insisted for individual and community cleanliness throughout his life. "A clean India would be the best tribute India could pay to Mahatma Gandhi on his 150th

birth anniversary in 2019," said Shri Narendra Modi, Hon'ble Prime Minister of India during the launch of Swachh Bharat Mission.

In collaboration with Community health department and in association with Nehru Yuva Kendra-Shahdara, Govt. of India, and D.C. Office-Shahdara, Govt. of Delhi. organised a rally to spread awareness to keep the surrounding clean among community residing in Sundar Nagri on 21.10.2021. During the rally, the participants collected single use plastic items from the streets. Mass awareness was created using various slogans: "Dharti maa kare pukar, aas paas ka karo sudhar", "Gali me na maidan me kuda kudedaan me", "swachhta ko apnana hai corona door bhagana hai", "jan jan tak ye sandesh pahunchana hai hame swachhta ko apnana hai... etc. The initiatives helped to generate awareness about the long-term harm of using non-biodegradable plastics and motivate the citizens to keep our environment clean.



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

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

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



7. Participation in Hunger Relief Programme

The Day Care Program of the Community Health Department is aimed to take care of poorest of poor children in the age group of 2-6 years between 8:30 am to 4:00 pm and to provide nutritional support to

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

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



8. Research Work and Data Collection

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



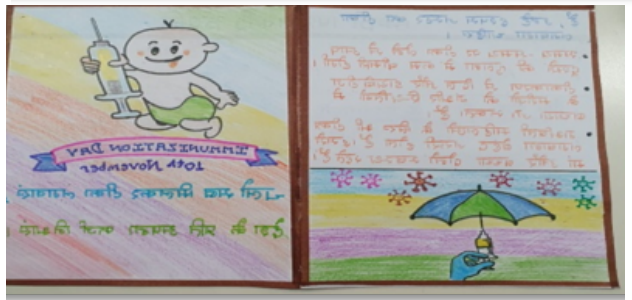
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vaccines and National Immunization Schedule. The students interacted with the patients who visited CHD.



कब-कैब सा टीका लगना है	
जन्म पर	बीसीजी (BCG), ओरल पोलियो वैकसीन (OPV-0) और टेटाइटस डी (4+0-0)
6 हफ्ते पर	डीपीटी (DPT), इन्फेन्टिलिड वैकसीन (IPV-1), OPV-1, टेटाटायास-1
10 हफ्ते पर	डीपीटी-2 (DPT-2), OPV-2, टेटाटायास-2
14 हफ्ते पर	डीपीटी-3 (DPT-3), OPV-3, IPV-2, PCV-2, टेटाटायास-3
9-12 महीने पर	रबसरा और रूबिला-3
16-24 महीने पर	रबसरा-2, डीपीटी बूस्टर-1, OPV-बूस्टर
5-6 साल	डीपीटी बूस्टर-2
10 साल	टिटनेस टोक्सॉइड/टिटनेस रड इडल्ट डिफ्थीरिया
16 साल	टिटनेस टोक्सॉइड/टिटनेस रड इडल्ट डिफ्थीरिया



9. World Stroke Day: Health Talk

On the occasion of World Stroke Day on 29.10.21, a health talk was delivered by MPH Students in Community Health Department Sundar Nagri, to spread awareness among the people and sensitize them regarding what is Stroke, Symptoms of stroke, Risk factors of stroke, Prevention and what treatment it requires. The poster was prepared by MPH students. The students explained and interacted with the patients who visited the CHC in multiple rounds.



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

On behalf of Community Health Facility, School of Allied Health Sciences, pulse oxymeters were distributed to CHD-SSH. The pulse oxymeters were handed over to Dr. Vinita Gupta, Sr. GDMO, Community Health Department, St Stephen's Hospital by .Dr. Jaseela Majeed, Head, School of Allied Health Sciences of DPSRU.

10. World Immunization Day: Health Talk

Every year 10th November is observed as World Immunization Day. On 10.11.2021 health talk was delivered by MPH Students in Community Health Department (CHD-SSH), Sundar Nagri, to spread awareness among the people and sensitize them regarding Vaccine Preventable Diseases (VPDs) such as Diphtheria, Pertussis, Tetanus, Measles, Cholera, Hepatitis, Rubella, Rotavirus, etc. with the help of vaccination. Handouts were prepared by MPH students explaining the importance of vaccines, benefits of getting vaccinated, facts related to



Continued...

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

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

The one month internship program was coordinated and guided by Dr. Jaseela Majeed, Head, School of Allied Health Sciences and Dr. Abha Mangal, Specialist and HOD Community Health Department along with Dr. Vinita Gupta, Sr.GDMO, Community Health Department, St Stephen's Hospital and Dr. Puneeta Ajmera, Faculty Coordinator of Masters in Public Health, School of Allied Health Sciences DPSRU.



Visit to Lok Nayak Jai Prakash Hospital, Govt of NCTD by Hon'ble Vice Chancellor DPSRU and team

In lieu of the new courses started by School of Allied Health Sciences & Management (DMLT and, BMLT) and School of Physiotherapy (MPT in Sports Medicine and Cardio Vascular & Pulmonary) which requires regular rotatory clinical/laboratory postings /trainings, a visit was made by Prof Ramesh K Goyal, Hon'ble Vice Chancellor of DPSRU and his team to LNJP hospital for an interaction with Dr. Suresh Kumar, Medical Director LNJP, Dr Sunil Austin Francis Additional Medical Superintendent and Dr. Seema Kapoor, Professor of Paediatrics Incharge of Genetics Laboratory LNJP on 7th October 2021. The matter of collaboration with Government Hospitals was under consideration in 3rd General Council meeting held under the chairmanship of Lt. Governor of Delhi and Hon'ble Chancellor of University on 02.02.2021.

It was deliberated to have an official tie up of DPSRU with Govt. Hospitals and suggested to take up the matter to Secretary, Health and Family Welfare routed through Secretary DTTE. As a first step, Prof. Ramesh K Goyal along with Dr. Jaseela Majeed Head, School of Allied Health Sciences, Dr. Shilpa Jain Head, School of Physiotherapy and Ms. Shivani Hospital Liaison officer DPSRU had a fruitful meeting with Dr. Suresh Kumar, Medical Director LNJP for considering the possible collaborations of LNJP with DPSRU for clinical postings/internships of graduate and Masters students and for research collaborations.

The interaction with Dr. Sunil Austin Francis, Addl MS was also encouraging and positive. The team visited sophisticated Genetics Lab under the supervision of Dr. Seema Kapoor, who extended support for the recently developed Centre for Precision Medicine and Pharmacy at the University. The Medical Director agreed to expedite the process of proposal submitted by the University for official collaboration and felicitated Prof. Goyal with his latest book on Clinical Management of Covid-19 in India.

We were overwhelmed with the positive response for considering the possible collaborations of LNJP with DPSRU for clinical postings/internships of graduate and Masters students and for research collaborations. The interaction with Dr. Sunil Austin Francis (Addl. MS) was really encouraging and positive. Also had a discussion with Dr. Seema Kapoor (Professor of Paediatrics) and visited the sophisticated Genetics Lab of LNJP.

As per our discussion, we attached the following documents for further necessary actions:

1. Scanned copy of Request Letter to Medical Director,
LNJP (F.No-10/1853/SAHS & SOP/DPSRU/2021/12081
2. Scanned copy of Request Letter to Addl. Medical Superintendent (F.No-10/1853/SAHS & SOP/DPSRU/2021/12080
3. Draft Memorandum of Understanding



Continued...



Internship of MBA Pharmaceutical Management students at Aimil pharmaceuticals and SI-Insights

One month internship program was organized for MBA Pharmaceutical Management students at prestigious Aimil Pharmaceuticals and SI-Insights, the leading pharmaceutical companies of India.

The internship at Aimil Pharmaceuticals commenced on 16th October 2021 where 5 students of 3rd semester MBA-PM got engaged in the international marketing department, one of the new ventures of the company – AYOUTHVEDA.

During the internship period, the students got an understanding about the cosmeceutical products available in the international market especially in the countries like Germany, USA, Canada and Hungary

During the training, students got an opportunity to learn about the product claims, features and the drawbacks of the products that are available in the market. Market research was done by visiting various e-pharmacy platforms like Amazon, Boots, Rossman, DmDrogerie market. and compare atleast 10 products of each category to gain an understanding about the product description, packaging and other details of the top products in each country. Along with this need gaps had to be identified by the customer reviews to learn about their actual expectations and the complaints regarding each product.

At the end of the internship, a report has been submitted to the company that could help them in building a market for themselves internationally and to forecast the kind of business they could have in coming year so as to manage the resources properly and make informed decisions.

The one month internship at SI-Insights commenced on 22nd, Oct 2021 where a group of 7 students from MBA-PM got engaged as Primary Research Intern. The project started with understanding the Pharmaceutical Market players which further lead to Insight generation from the data collected. Interns were assigned to collect the first hand data of the pharmaceutical company Abbott from their Sales employees of different therapy divisions to understand their market capture and performance. The research design was descriptive and used a non-probability sampling method where the study area is PAN India. This internship really helped the students to understand the competitive intelligence in a better way. The whole process of data collection involved telephonic interview, Insight Generation and Documentation work.

The internships in both the pharmaceutical companies helped the students to get a better understanding about the working of industry and helped to build a strong network with experts in the pharmaceutical field which ultimately contribute to their future career. The one month internship was organized by Dr. Jaseela Majeed, Head, SAHS, and coordinated by Ms. Rakhi Ahuja, Assistant Professor and Training and Placement Coordinator, DPSRU.

Internship of Masters in Hospital Management Students at Fortis Hospital

One month internship program was organized for Masters in Hospital Management (MHM) students at FORTIS HOSPITAL from 11th Oct 2021 to 11th Nov 2021. Fortis Healthcare Limited is a chain of super specialty hospitals in India and leading integrated healthcare delivery service provider in India which is JCI and NABH Accredited. Currently, the company operates its healthcare delivery services in India, Dubai, Mauritius and Sri Lanka with 45 healthcare facilities (including projects under development), approximately 10,000 potential beds and 314 diagnostic centers.

Four students of 3rd semester Master in Hospital Management attended internship at Fortis Escort Heart Institute, Okhla Road and 2 students attended the internship at Fortis hospital, Shalimar Bagh, New Delhi.

The students who participated in internship from Fortis Escort Heart Institute got remarkable learning opportunity in the following Departments:

- **Human Resource Department:**

During the internship, students were appraised about the responsibility of HR department like: 1) Updating the internal databases with new employee information, including contact details and employment forms of nurses and doctors, 2. Gathering payroll data like leaves, working hours, 3. Screening of resumes and application form, 4. Scheduling and confirming interviews with candidates 5. Addressing employee queries about benefits like change in the hospital insurance policies, 6. Reviewing and distributing hospital policies in digital formats or hard copies, Mr. Manish Sharma (Head of Department) guided the students in HR Dept.

- **Medical Administration Department:**

Dr. Nitin detailed about Scheduling and managing patient appointments, Answering the phone calls and taking patient queries, Filing, updating, and organizing patient records, Planning and coordinating hospital transfers and laboratory tests and services, Processing forms for insurance claims and prepare patient discharge summary report.

- **IPD Operations Department:**

The responsibility of IPD operations were as follows:

1) IPD ADMISSIONS AND DOCUMENTATIONS:
a) To guide the patients regarding the whole admission process and documents and answer all their queries,

b) check the ARF (Admission request form) and medical office advise admission from emergency area c) Create UHID for new patients and register and create episode for both new and existing patients, d) Guide them for financial counselling and overall general estimate of expenses for the admission and general counselling, e) Check the payment mode and related document and make sure all the admission documents are completely signed and details are filled, f) Enter all details in Hospital Information System (HIS), allot bed as per category and complete initial deposit details, g) transfer the episode details or inform nursing details of respective area regarding the admission, name and bed number, h) Print face sheet of patient and update all electronic medical records by scanning each document and identity card of patient, i) Handover the set of documents to nursing and issue visiting pass to attendant, j) to perform admission audit on daily basis.

2) TPA ASSISTANCE DEPARTMENT: a) Procure all the documents required for the insurance company from the relative of the patient b) to check all the details and forms are completely filled c) To complete all the documentation that has to be send to insurance companies for authorization and to make claims, d) to respond to all the queries from the insurance companies and settle the claims for discharge of patients, e) to guide patients and respond to all the queries and communicate with them. Mr. Ranjeet Prasad (Head of Department) taught about responsibility of IPD operations.

- **OPD Operations Department:**

During the internship, students were briefed about the coordination with nurses and proper communication with the patients who have taken prior appointment with doctor and collect their OPD cards copy which have the patient's registration number and date and check the type of medical treatment prescribed to patients. Mr. Saurabh handled the OPD operations in the hospital.

The 2 students who participated in internship from Fortis Hospital, Shalimar Bagh got learning opportunity in Medical Quality Department, wherein Dr. Divya Saxena (Head of Department) trained the students in Quality department and to gather data of live files and MRD department.

The one month internship was a remarkable experience and a wonderful opportunity for the students. The internship was coordinated by Dr. Sheetal Yadav, Faculty Coordinator for Masters in Hospital Management.

Visit of Prof. Koustuv Dalal of Mid Sweden University to DPSRU

Prof Koustuv Dalal, Professor in Public Health Sciences and Health Economist of MidSweden University, Sweden, a well-known person and leading researcher in the field of health economics and systems, injury prevention and safety promotion visited Delhi Pharmaceutical Sciences and Research University on 20th December 2021 to discuss the possible collaboration with Dept of Public Health of School of Allied Health Sciences and Management of DPSRU.

Prof. Dalal is a Senior Advisor of the (formerly WHO CCCSP) International Safe Community Certifying Centre and regularly conducting guest lectures and expert talks for the students of Public Health of DPSRU.

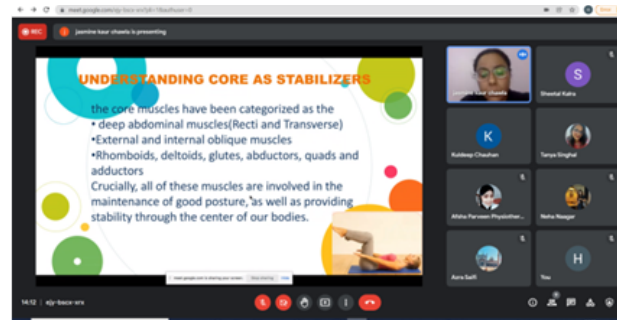
Prof. Dalal is having research collaborations with faculty of School of Allied Health Sciences and Management and few research proposals are in pipeline.

During his visit to DPSRU, Prof Dalal interacted with faculty and students and shared his academic and research experiences in public health and Injury prevention. Prof Dalal so far has supervised more than 65 PhD /MPhil students from different countries and handled more than 50 international projects and developed 30 academic programs in several world famous Universities like School of Health and Medical Science of Orebro University; Karolinska Institute , Sweden, Al-Farabi Kazakh National University and serving as an Visiting professor of several world-famous universities.

Prof. Ramesh K Goyal, Hon'ble Vice Chancellor of DPSRU felicitated Prof. Dalal and expressed interest in official collaboration with Prof. Dalal and team from Mid Sweden University. The meeting was attended by Dr. Jaseela Majeed, Head School of Allied Health Sciences and Management, Dr. Puneeta Ajmera Associate Professor and Faculty Coordinator MPH and Dr. Swaminathan, Assistant Professor Dept of Public Health and agreed for joining hands with Mid Sweden University, Sweden for academic collaborations.

Guest Lecture on Importance of Pilates for Sports Physiotherapist

A guest lecture for the students of MPT Sports was organized by the School of Physiotherapy on Importance of Pilates for Sports Physiotherapist on 30-12-2021. The expert was Dr. Jasmine K. Chawla and she herself is diplomate in FIFA Football Medicine and got her expertise in pilates from various international platforms. The students were inspired and cherished and all requested to have more such lectures in future.



Journal Club under School of Allied Health Sciences and Management 2021

The Journal Club activity under the School of Allied Health sciences was conducted from 10th December 2020 to 28th January 2021 in which all the students and their respective faculty members were participate from different streams like MBA Pharmaceutical Management, MHA and MPH to guide their students regarding how to conduct Literature Review for conducting research in their concern field. The students presented their internship work which are concern with pharmaceutical industry developments, Consumer awareness and perception towards pharmaceutical product, Medical healthcare insurance, Child nutrition and personal hygiene and quality service in hospital sector. The presentations are evaluated by their respective guides on the basis of their presentation skills, topic content and communication skills. The Journal Club activity allow student to explore new research topics with innovative idea to enhance their knowledge and understanding towards pharmaceutical and healthcare industry.



आशाएं थीं, 2022 नव वर्ष में कोरोना - आफत दूर कर देंगे,
 उम्मीदों से दिल खिला देंगे,
 लेके खुशी अपने संग उड़ जाएंगे,
 जन्नत सी जिन्दगी शुरू कर,
 कोरोना भूल जायेंगे,
 पर क्या करें, ओमीक्रोन जो आ गया।
 दिल के अरमानों को, फिर पीछे ले गया।
 2020 के वर्ष की, याद फिर दिला गया।

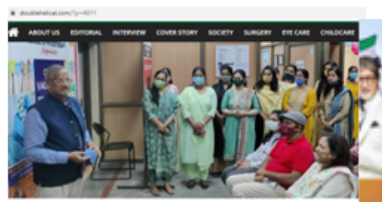
याद करें, जैसे 2021 के वर्ष में,
 टीके लेकर दो बार, कोरोना डर दूर किया,
 सामाजिक अनुशासन, से उत्सव मनाया,
 दूसरी लहर चीर कर, स्वस्थ बनाया,
 ओनलाइन होकर, शिक्षा को घर पर लाया,
 कोरोना के ओमीक्रोन से भी क्यों घबरायें?
 क्यों ना इस आफत को भी दूर करने की ठानें?
 क्यों ना आशाओं की उडान भर, अरमानों की भी ज्योति जलायें?

निराशा दूसरों की देन है,
 पर आशाएं तो अपने आप से बनती हैं,
 अरमान दिमाग से जागते हैं,
 पर ये दिल में खिलखिलाते हैं,
 उडान पंखों से भले ही भरी जाती हो,
 पर मंझिल तो उम्मीदों से ही हासिल होती हैं,
 सूरज भले ही आग उगलता है,
 पर सूरज के बिना दिन की शुरुआत भी नहीं होती।

आओ 2022 में नयी आशाओं से कोरोना संग नये ओमीक्रोन को भी हरायें,
 आओ 2022 में नये अरमानों से सब के दिलों को खिलखिलाएं ,
 आओ 2022 में नयी उमंगों की उडान से कुदरत की नयी आफतों से बचायें।
 आओ 2022 में सीने में ऐसी आग लगायें कि आपदा आपसे...
 कोसों दूर रहने पे मजबूर हो जाये,
 कोसों दूर रहने पे मजबूर हो जाये,
 कोसों दूर रहने पे मजबूर हो जाये...

रमेश गोयल

DPSRU @News



DPSRU played crucial role in health, pharma research saw a boom: Delhi Deputy CM

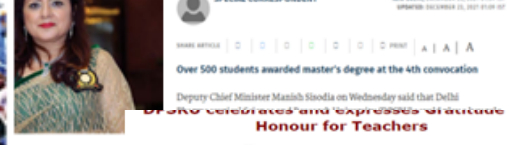
Manish Sinodia was speaking at the fourth convocation ceremony of the Delhi Pharmaceutical Science and Research University as its chief guest.

Published: 23rd December 2021 07:06 AM | Last Updated: 23rd December 2021 07:06 AM



DPSRU to play crucial role in training yoga teachers

Over 500 students awarded master's degree at the 4th convocation

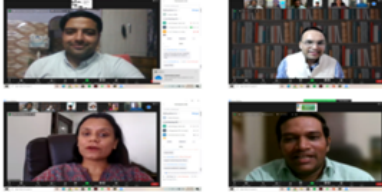


Free Vaccination Drive in DPSRU
On October 21, 2021, DPSRU organized a free vaccination drive (COVID-19 VACCINE) for faculty staff members and their families.



DPSRU, SPARCS organizes healthy heart campaign
DPSRU, New Delhi and its affiliate for Promotion and Research of Cardiovascular Sciences (SPARCS), has organized healthy heart campaign on the occasion of World Heart Day in collaboration with Apollo Hospitals and Rotary Club of Delhi Centre.

DPSRU organized MOU Signing Ceremony between Rotary Club of Delhi and Research University
DPSRU signed a MoU with Rotary Club of Delhi (RCDC) on 15th July 2021. These MoUs are strategic in the direction of future aspirations for World Class Skill Centre DPSRU to facilitate internship and placement of skilled individuals in the healthcare sector.



Teachers Day is generally celebrated on September 5 to mark the birth anniversary of Dr. Sarvepalli Radhakrishnan, who was first vice president of India (1952-1962) and also a teacher philosopher.

This is a day to honour and show gratitude to all mentors and thus even amidst the pandemic to celebrate with best of health for all the faculty DPSRU Dean Student's office organised an online awareness event on "What you Know About Ergonomics and Teachers". [Read More](#)

Rotary Club Delhi Central & Apollo Hospital
in collaboration with
DPSRU & SPARCS
'WORLD HEART DAY'
A Free Cardiac Health Checkup Camp & Health Talk

Date: 29th September 2021
Time: 9:30 - 12:00 PM

Venue: DPSRU, Mehrauli, Badli Road, Sector 3, Push Vihar, New Delhi - 110017

Heart Walk At 9:30 AM
Check-up & BP Check > Blood Sugar > Blood Pressure

Health Talk
Timing: 11:00 am to 11:30 am
Speaker: Dr. Mukesh Goyal, Cardiologist
Venue: DPSRU Board Room

Dr. Mukesh Goyal - Cardiologist, DPSRU
Prof. Harvinder Popli - Director, SPARCS
Dr. O.P. Shukla - Vice-Chancellor, DPSRU
Prof. Ramesh Goyal - Director, DPSRU

DR. MADHU GUPTA
Member, National Commission for Promotion of Women's Career in Public Sector

100th ANNUAL INTERNATIONAL CONVENTION
DPSRU celebrates 100 years of Insulin Discovery

On the occasion of 100 years of Insulin Discovery, expert talk by Prof. Anupam Prasad, Director Professor of Dept. of Medicine & Head of Emergency Medicine, Lady Hard Medical College and Associated Hospitals, New Delhi was successfully organized by DPSRU held on 27th July 2021.

Dr. Mukesh Nandave, Associate Professor and Coordinator addressed on "100 year Insulin discovery and its Importance and Relevance at DPSRU", followed by the talk of Anupam Prasad.

Wolters Kluwer
in association with
Delhi Pharmaceutical Science and Research University
PRESENTS WEBINAR
PATIENT CENTRIC DRUG INFORMATION SERVICE FOR REDUCING MEDICATION ERRORS

Lexicomp
A CLINICAL DRUG INFORMATION RESOURCE

Google Meet

PHARMABIZ.com

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THE TIMES OF INDIA
EDUCATION

DPSRU signs MoU with THSTI
On October 15, 2021, 12:28 PM

NEW DELHI: Delhi Pharmaceutical Sciences and Research University (DPSRU) has signed an MoU with Translational Health Science and Technology Institute (THSTI) for faculty and student exchange, research and collaborative academic activities. The MoU was signed by Dr. Anupam Prasad, Director of DPSRU.

<p>Chief Patron Prof. Ramesh K. Goyal Hon'ble Vice Chancellor</p> <p>Advisors Dr. O.P. Shukla Registrar, DPSRU Prof. P. K. Sahoo Director, DIPSAR Prof. Harvinder Popli Director, SPS</p>	<p>Chief Editors Prof. Geeta Aggarwal Dean Academics Dr Sheetal Yadav Asst. Prof., DPSRU</p> <p>Editor Ms. Taru, SAHSM</p>
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