



# भैषजिक समाचार @ DPSRU

## Newsletter

### of

# Delhi Pharmaceutical Sciences and Research University

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

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

***Celebrating 'Azadi Ka Amrit Kaal'***  
***and 'Har Din Har Ghar Ayurveda'***

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# THE FIFTH ANNUAL CONVOCATION THURSDAY, 22nd DECEMBER 2022



**Convocation Address of the Hon'ble Chancellor  
Shri Vinay Saxena Ji  
Lt. Governor, Govt. of NCT of Delhi**



At the outset, I would like to congratulate all those students who are graduating today and getting their degrees from the first Pharma University of India. I would also like to record my special appreciation for those, who have distinguished themselves and received awards today. It is the day of not only achievements but also of aspirations.

A degree is not just the receipt of the education you acquired during 2-4 years, but a document that certifies the hard work put in by you to acquire knowledge, skills and wisdom. It is the decisive milestone on the path ahead where you will be contributing to self, family, society and the Nation. You graduate today with the power of this degree and with your aspirations. I would also like to extend my congratulations to the parents and faculty present here, who shaped the young minds that are graduating today.

Dear Students, Faculty Members, Ladies and Gentlemen, This is the first year after pandemic when normal in-person convocation is being held in this University. I would like to applaud all those who worked hard, innovated and evolved to achieve this important milestone despite the all-pervasive dangers of the Covid pandemic and the concurrent threats of Dengue and Monkeypox.

Friends, Covid has turned 'Pharmacy and Allied Health profession' as the growth engine of the country, especially in the health sector. Pharmaceutical Sciences are no longer just "manufacture" or "trading" of medicines, but an all-encompassing discipline that includes biochemistry and biotechnology. It has evolved as a discipline that can provide biological products and gene-therapy based products for the treatment of diseases. It is the domain that contributes to the development of newer and novel molecular and genomics based diagnostics and therapeutics. Personalized medicine or precision medicine is yet another area that has emerged in pharmacy.

Anything first has its own significance. In March 2022, Hon'ble Prime Minister while delivering the convocation address at Rashtriya Raksha University in Gandhi Nagar, mentioned about the first pharmacy college of the country in Ahmedabad. This College brought the "Indian Pharmaceutical Industry" on the world map and India consistently remains at 2nd or 3rd position on the map in terms of medicines or volume. I would like to underline here that DPSRU that holds the distinction of being the first Pharmaceutical Sciences University in the

country has a special responsibility of excelling in its designated mandate. It should not spread itself thin by getting into activities and courses that are being taught and administered by numerous other specialized institutions. Any attempt at dilution of your core competency in a bid to emulate what might appear fashionable or deviating from your mandate under external pressure will only take you away from the goal of excellence in your designated mandate.

It is my considered opinion that in a field as important and relevant as Pharmaceutical Sciences, your endeavour should be to stringently focus on fundamental research and quality education. To my mind, innovation, ingenuity and invention should be your guiding talisman. The onus for this, I must say, lies on the Management, Faculty and Administration of the University.

During Covid-19 Pandemic, two significant facts related to the Pharma Sector emerged. First, older belief that new vaccines take years to develop got nullified with unprecedented advancements in technologies. India not only successfully developed four vaccines, but also successfully vaccinated over two billion people. Second, the traditional systems of medicine especially, “Ayurveda” and “Yoga” emerged as major preventive and curative strategies in combating Covid-19. This led W.H.O. to recognize this system and choose India to be the global centre of traditional medicine. While I appreciate the linkages that DPSR University has with the industry, I exhort you to further strengthen such collaboration for development of innovative products. I am pleased to know that DPSRU is striving to make a significant impact in the healthcare sector by the training students to utilize applications of advanced technology. Inventions that have germinated in laboratories must be transmitted into the field to become agents of transformation. In this direction, DPSRU has come up with a Centre for Precision Medicine and Pharmacy and is also coming up with Centre for Advanced Formulation Development. These developments should be channelized to position Indian Pharma industry’ amongst the top in the world. Dear Graduates, I am aware that you made numerous sacrifices to obtain your degrees.

However, I think it's crucial to acknowledge not only your own efforts on this occasion, but also the efforts of others who have helped you in your journey. Opportunities of higher education rarely come without a cost to the family of the student. The cost could be monetary, it could entail sacrifices in terms of time, or involve the accumulation of tasks that demand of a learner to concentrate on his or her studies. I wish to record my appreciation for all the parent present here today, for having helped your children and wards maneuver through these challenges. Similarly, the Vice Chancellor, Deans, and faculty members deserve credit for the quality of education and training provided to students at DPSRU. I would like to compliment the faculty members who have assisted and guided these students throughout their academic years. This University is incredibly fortunate to have 8 faculty members including the Vice Chancellor among the top 2% of world scientists in a list released by Stanford University.

Dear Students, as you pass out of the portals of your Alma Mater, I urge you to become leaders who pledge to lead all from ignorance to truth, darkness to light and disease to health. Let our civilizational ethos of अस्तो मा सद्गमय, तामसो मा ज्योतिर्गमय, मृत्योर्मा अमृतगमय, be your guiding principles. Do not fritter yourself with boundaries of circumstances and never let the spirit of inquisitiveness and thirst for knowledge die within yourself. Set targets for yourself, and do all possible to achieve them. There will be many challenges that you will face, but with the strong base of your education and upbringing and above all with ingenuity, you will be able to overcome. You may plan to go for a profession, into research or set up your enterprise. But in whatever you choose, remember to give back to the society and help those who are marginalized and less fortunate. Wherever life takes you, don't forget to carry the honor of this University in your mind and the magic of this community in your heart. I hope that you will stay connected with the University and would contribute to its growth and development by building a strong alumni network. I wish you all, the very best in your future endeavors.

**Jai Hind !!**

## A Message from the Vice Chancellor



“तमसो मा ज्योतिर्गमय” in true sense has been a transformer for India, from the darkness of covid 19 to illumination of 'Golden Era' (स्वर्णिम भारत) targeting for 2047. As the dreaded era of corona all across the world started to subside in 2022, India began celebration of Diamond Jubilee with “Har Ghar Tiranga” and many more initiatives. In our university we had not only “Har Din Tiranga” with Flagmast installed to see our pride National Flag everyday, but also “Har Din Ayurveda”. The Fifth Annual Convocation of 2022 was a grand show with about 500 graduands taking their Diploma and Degree, followed by Alumni cultural evening. During the Convocation address, Hon’ble Chancellor Vinai Kumar Saxena called for DPSRU being the first pharmacy university in India, becomes an icon with newer vistas of excellence in Pharmacy.

Taking the call of the Hon’ble Chancellor further and the pride mandate of President G-20, Hon’ble Prime Minister of India Shri Modi Ji for “वसुधैव कुटुम्बकम्”, call to G-20 +9 countries of the world, we have committed to show-case the best possible of Pharma world through our university also.

I am happy to see the vibrancy and excitements amongst our faculty, students and staff. Besides mega event of convocation, DPSRU conducted a week long “Har Din Har Ghar Ayurveda” with a theme “Ayurveda for Happy and Healthy Life for Senior Citizens” during Oct' 2022. In both the

events, Hon’ble Chancellor Vinai Kumar Saxena was present. During third quarter of the year DPSRU organized 26 workshops, guest lectures and public outreach programs. As before, academic and research excellence continues with 1 patent granted, 3 books, 12 book chapters and over 40 research papers published. More than this, it is heartening to note that 3 research publications have been in journals with IF above 20 and many with IF above 10. A large number of publications are with IF 3.0 and soon DPSRU will have research award ceremony.

The university has pledged to have 23 projects in 2023, and celebrate G-20 Presidency in unique, innovative and vibrant mode. Organization of IASTAM meeting with Hon’ble Balkrishna of Patanjali present, workshops utilizing Precision medicine Centre & DSIR-CRTDH-CAFT Centre, development of G-20 Herbal Garden's "Blue Ocean Strategy" with regulators for drugs, pharmaceuticals, nutraceuticals and medical devices and many other programs have been chalked out.

Lastly, it is heartening to note the excitement amongst students, not only for academics and research but also talents of 'Flute recital', sports excellence, choreography of Sanskrit poems and shloka and writing poems. Two of our staff in addition to students (Soni and Sarvashreshtha Tiwari), we have in our list Dr. Abhishek Dadhich and Dr. Akash Midha. DPSRU shall have a grand show and be on the top by 2047.

**Jai Hind**

**Prof. Ramesh K. Goyal**

## A Message from Registrar's Desk



The year 2022 ended with a good note, setting the tone for new and positive beginnings. The admissions to all the undergraduate and postgraduate programs were successfully completed and the classes for the new batches started in the month of November.

The fifth convocation ceremony was successfully conducted with grandeur on December 22, in the university playground, accommodating more than eight hundred students and parents. The event was followed by an Alumni Meet.

Now, we are geared up for completing the recruitment process of non-teaching staff. The university infrastructure is also being strengthened to create space for the students enrolled

in new programs, and for the next academic session.

University library renovation is now completed, and we are a step closer to its digitalization. We are also in the process of adding more space to library, keeping in mind the newly commenced programs. The construction work to install lift in old DIPSAR building has been initiated. For the DSIR project, infrastructure development has been initiated at a fast pace.

The university administration is fully supporting the faculty in their academic and research endeavors, following good morals values and ethics, for the university excel and reach heights.

**Dr. O.P. Shukla**

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MBA-HHM

## Vth ANNUAL CONVOCATION

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

Total 146 D. Pharm., 140 B. Pharm., 39 BPT, 42 BSc. (Sports Science), 118 M. Pharm., 12 MBA in Pharmaceutical Management, 11 MPH, 06 MHM and 7 Ph.D students were deemed eligible to receive their respective degrees and diploma. The efforts and achievements of exceptional students in academics were recognized and rewarded.

The Convocation Ceremony, started with the Academic Procession moving towards the auditorium and rendition of 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 the Hon'ble Chancellor. Dean Academics, Dr. Geeta Aggarwal read the Grace and presented the students to honorable Chancellor, Vice-Chancellor and the members of GC and BoG, to admit them for the Degree and diploma. The register of graduates was presented by the Registrar to the Hon'ble Chancellor for his signatures

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 Innovation and Incubation Foundation (DIIF) has developed 14 products, with 6 in commercialization stage. Three companies could raise external funding, and the valuation of different companies stand into more than 20 Crores. We are looking forward now for artificial dura-membrane for brain surgery and AI powered through put blood screening devices, by various startups. Recently, a company has

offered to take up formulation of my Enicostemma for the commercial stage. Tech-transfer will be more from our university in the coming years."

He also mentioned about the development of first herbal formulation "Coroquil" during Covid-19 pandemic. He further added we took it to Malaysia for women health, along with Sweden University for M-health. He also happily highlighted that "Dr. Mukesh Nandave and Dr. Ajay Sharma got 32 lakhs Research grants from AYUSH. Over 1.8 Crore of research grants have been received by Dr. Dalapati, Dr. Gaurav Jain, Dr. Ajit Thakur, Dr. Rajiv K. Tonk and many others from DST and AICTE."

He then introduced the Chief Guest Padmashree Prof. Dr. Balram Bhargava, who congratulated the graduating students, and the University. During his Convocation address, he said, "If you want to be successful in life and if you want to contribute not only to the nation, but to the world, you have to have five qualities. Number one is punctuality. You have to be on time. Number two; you have to be professionally competent. Whatever you do, you have to be competent. There cannot be mediocrity accepted at any level. You have to be capable at what you have learned. You have to practice your art and skill with competence. Number three is integrity. Absolute honesty and integrity will take you very far. There maybe bumps but that will take you forward. And the last point that I want to emphasize is societal commitment. You have to do for the society. And the last point, as we are facing a lot of global warming and I would request all of you to plant a tree. So this is my little message to you. Five Points – Punctuality, Integrity, professional competence, societal commitment and please plant a tree and I wish you all the very best in your future endeavors that you will achieve to greater heights."

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



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

Ms. Garima Gupta and Ms. Pallavi 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. Dev Gautam and Ms. Yasmeen for obtaining the highest marks in B.Sc. Sports Sciences and D.Pharm respectively.

'The Vijayin Alniche Gold Medal' was awarded to Ms. Jagriti Sharma for obtaining the highest marks in M. Pharm all Disciplines.

'Prof. S.K. Gupta Gold Medal' was awarded to Ms. Aisha Agrawal Goyal for obtaining highest marks in M.Pharm (Clinical Research).

Ms. Payal Gupta 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. (Hospital Pharmacy).

Mr. Rohit Malhotra was bestowed with 'Aimil Pharmaceuticals India Award' for obtaining the highest marks in M.Pharm (Pharmacognosy and Phytochemistry).

Ms. Sonam Malik was presented 'Soshil Kumar Jain, Panacea Biotech Gold Medal' and Ms. Jyoti Kumari was presented 'Shri Rajesh Chand Arora Aagya Biotech Gold Medal' for obtaining highest marks in M. Pharm. (Biotechnology) and M.Pharm (Pharmacology) respectively.

'Sneh Prabha Nemi Chand Jain Award' was bestowed upon Ms. Shifa Mansuri, for obtaining highest marks in M.Pharm (Pharmaceutics/ Cosmeceutics/ Industrial Pharmacy).

The 'Rajshri Ajay Pankaj Parashar Award' was presented to Mr. Rishabh Dhir for obtaining highest marks M.Pharm (DRA).

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

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

And lastly The 'Jwalat Alniche Gold Medal' was awarded to Neuranics Lab Private Limited as the Start-up company of DPSRU Innovation and Incubation Foundation, for developing outstanding innovative healthcare product.

Towards the end, the Registrar proposed a vote of thanks. After the stirring rendition of the National Anthem by all present, the Convocation was declared dissolved by Honourable Chancellor.

Eventually, the Academic Procession left the auditorium and marked the end of the fifth convocation ceremony.



## DPSRU celebrates “Har Din Har Ghar Ayurveda”

DPSRU organized a one week program “Har din Har ghar Ayurveda” on the theme “Ayurveda for Happy and Healthy Life of Senior Citizens” from 03-08 Oct, 2022 to promote Ayurveda, a field that is now recognized as a wholesome redressal of emerging health problems. The celebration is part of “Ayurveda @ 2047 - Azadi ka Amrit Kaal”.

With the mission of "Health for All", there is an increasing need to focus on the preventive, rehabilitative and curative aspect of disease management. This series of events, organized by DPSR University, included the contribution of Ayurveda in dealing with the management of chronic lifestyle related diseases and non-communicable diseases, with a special focus on the elderly.

During the whole week celebration, DPSRU distributed Ayurvedic medicinal plants and free Ayurvedic medicines to senior citizens, organized rally for awareness of Ayurveda and a visit to the old age home. The event witnessed lectures from some of the experts from the industry, academia and government.

### Day – I: Inaugural Session

The programme was initiated by lamp lightening ceremony by all the dignitaries followed by Danvantari Vandana and university KulGeet. The inaugural address was given by Hon'ble Vice Chancellor Prof. R. K. Goyal followed by a keynote address by the Special Guest of the event Prof.(Dr.) P.K. Prajapati Director, PCIM & H and Head, Department of RS & BK, All India Institute of Ayurveda, New Delhi. The chief guest of the day was Prof. (Dr.) Rabinarayan Acharya, Director General, Central Council for Research in Ayurvedic Sciences, New Delhi. The inaugural programme was also attended by BOG Member Dr. Arun Kumar Agarwal, former Dean, Maulana Azad Medical College, New Delhi.

Prof. Ajay Sharma, HOD, Department of Pharmacognosy and Photochemistry, DPSRU welcomed all the delegates and briefed on the one week programme schedule to the guest and other senior citizen invitees present. In his address, Hon'ble Vice- Chancellor, Prof. R. K. Goyal explained the modern perspectives of Ayurveda and also gave overview on the development of the Ayurveda programme in DPSR University. The dignitaries were felicitated by a bouquet and Lord Dhanvantari idol. The objective of this event was to create awareness on the principles of Ayurveda among the

student and community, with special regards to old age people. Prof.(Dr.) P.K. Prajapati delivered a keynote address and shared the aim of Ayurveda and branches of Ayurveda in which sir give more emphasis on Jara Chikitsa which is one of the branch of Ashtanga Ayurveda. Prof. Prajapati enumerated on how to delay or prevent various disorders associated with age, with special emphasis on their treatment. Prof. (Dr.) Rabinarayan Acharya explained the various treatments in Ayurveda on different body systems. He also highlighted the scope of Pharma students in Pharmacokinetic and Pharmacodynamics studies of Ayurvedic formulations.

The programme ended with a felicitation ceremony of all the senior citizens by the dignitaries and they were presented with Ayurvedic medicinal planters.



### Day – II: Free Health Camp

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

The health check-up camp was inaugurated by the chief guest, Dr. Raj K. Manchanda, followed by the welcome address by Prof. Ramesh K. Goyal. He spoke of inculcating knowledge in all kinds of medicine discipline in the course curriculum of the university. Prof. Goyal stressed that with the research tools available at the university; it would help in giving new direction and pave way for reaching innovative outcomes. Furthermore, Prof. Goyal also stated that currently the researchers at DPSRU carry out standardization of drugs, and medicine with

respect to efficacy and toxicity. There's an increasing need to go beyond it. DPSRU has signed MoUs with hospital; and therefore this agreement will help DPSRU to reach new avenues in herbal industry.

Dr. Raj K. Manchanda said that Ayurveda is successfully imbibed in every Indian household and home-made Ayurvedic remedies are used as first aid to address the daily health issues. DPSRU must embrace the vision of Ayush, as it is successfully doing right now. Mr. H. S. Chawla also discussed various problems that arise with oldage and the remedies we can opt for.

After the inauguration session, health check-up by Ayurvedic consultants as well as Physiotherapists from DPSRU was initiated. Free Ayurvedic medicine samples and Ayurvedic medicinal planters were distributed to senior citizens. Post-lunch, the evening session was started which included an expert lecture by Dr. Ritu Sethi, Consultant Gynaecologist. She was introduced by Director, SPS, Prof. Harvinder Popli. Dr. Ritu spoke on the emerging issues of women's sanitization and hygiene. She also stressed on the requirement of adequate health service in women hygiene.



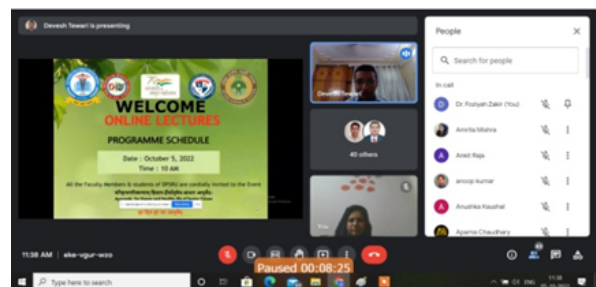
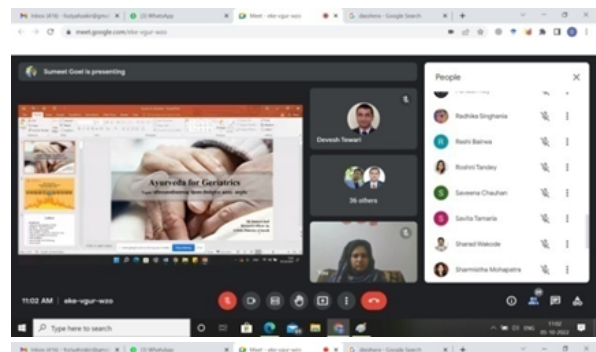
### Day – III: DPSRU brought in Dussehra with the Benefits of Ayurveda

On October 5, 2022, DPSRU invited Dr. Sumeet Goel (Technical Officer, CCRAS, Ministry of AYUSH) and OSD to Secretary, Ministry of AYUSH for an online session.

The session started with welcome address by Prof. Ramesh K. Goyal, in which he briefed about the “Har Din Har Ghar Ayurveda” program as part of 7th Ayurveda 2022 celebration. Prof. Goyal spoke on the various activities carried out in previous days and discussed the importance of Ayurveda in context to Dussehra.

The technical session was started with an expert talk by Dr. Sumeet Goel. He spoke about the best ayurvedic practices for senior citizens. Dr. Goel talked about Ayurvedic diet and how we can incorporate these practices in daily lives.

He also enticed the different AYUSH schemes and various initiatives by the Govt. of India to improve the lifestyle of geriatrics which is important as the proportion of elderly people is continuously increasing. The next lecture was given by Dr. Devesh Tewari, Assistant Professor, Dept. of Pharmacognosy and Phytochemistry, DPSRU. He spoke on different ethnopharmacological aspects to improve the lifestyle of geriatrics. Dr. Tewari also discussed the importance of plantation and the role of different ayurvedic plants in alleviating diseases and improving health. The session was ended with concluding remarks and vote of thanks by the host Dr. Foziyah Zakir, Assistant Professor, Dept. of B. Pharm (Ayurveda), DPSRU. A total of 50 participants including students and faculty members attended the online event.



### Day IV: Awareness Rally

On October 6, 2022, a morning rally led by Prof. Ramesh K. Goyal, along with Directors, Deans, Organizing Secretary, faculty, students and other staff members was organized. Approximately, 43 students, and 30 teaching and non teaching staff participated in the rally. They travelled a distance of 5 kms covering adjoining areas of DPSRU University including Khanpur, R.P.S colony and raised slogans of “Har Ghar Ayurveda, Ghar Ghar Ayurveda”, “Jai Dhanwanatari, Jai Ayurveda”, and “Amla Khao Bhudapa Bhagao”. The rally was organized to raise awareness among common citizens and promote Ayurveda in every household. It was followed by an expert talk session. In this session, the welcome address was given by Prof

Ramesh K. Goyal. He connected the significance of Hindu Shlokas and related them with Ayurveda and how to lead a balanced life on daily basis.

Mr. Anil Khandelwal, MD, Yogic secrets Healthcare Private Limited was the invited guest who spoke on “The ways to Manage Common Health Problems in Elderly Society”. In this talk, Mr. Khandelwal spoke about how to maintain a healthy lifestyle that is stress free. He spoke on following a healthy diet routine and also stressed on maintaining the biological clock. According to him, aging is a natural process, so a healthy diet leads to happy aging. He encouraged the audience to have medicine free and disease free life. Furthermore, he opined that whoever manages kitchen must endeavour to follow the principles of Ayurveda. The session ended with a promise from the audience - “I choose to make the rest of my life, best of my life”.



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



#### Day V: Visit to Old Age Home

On October 7, 2022, a visit was made to the old-age home “Mann Ka Tilak”. This visit was organized in association with AIIA.

The team was flagged off by Prof. Ramesh K. Goyal at 10:00 AM in the morning. The team reached the venue at 10.30 am and an introductory address was carried out by Dr Jaseela Majid.

At the venue, Dr K.C. George carried out a wonderful counselling session for the elderly with live examples from daily life. The physiotherapy faculty from DPSRU, Dr Varsha Chorsiya and Dr Jitender Munjal carried out a

group physiotherapy exercise session as a part of healthy well being drive conducted at the venue. An individualised custom made physiotherapy sessions were done for all the residents. Dr Priyanka Chauhan gave consultation for Ayurveda to all the old-age home occupants. This was followed by a session taken by Dr. Jaseela to discuss the individual problems of all the elderly and provide suitable solutions.

The University also distributed clothes donated by DPSRU family members over the last week. The Ayurvedic immunity booster kits, fruits, biscuits and rusks were also donated as a part of Healthy Nutrition Drive. The team spent a few happy hours with them. Pulse oxy meters were also donated to all the elderly to help them keep track of their health. The program ended with a valedictory session by Dr Jitender Munjal. The guest, Dr. K.C. George, was felicitated by honourable Vice Chancellor sir for his valuable support during the old age home visit. A Nukkad Natak was also presented by B.Pharm (Ayurveda) students on the theme "Ayurveda for Happy and Healthy Life of Senior Citizens".



### Day – VI: Symposium and Technical Session

In the final day of this week-long celebration, a symposium was held on October 8, 2022 in GK Narayan Auditorium at DPSRU, graced by the presence of Honourable Chancellor Lt. Governor Shri Vinai Kumar Saxena, Honourable Vice Chancellor Prof. Ramesh K. Goyal, Director, Prof. Tanuja Nesari, Director, All India Institute of Ayurveda (AIIA), Dr. Shridhar Dwivedi, Chairman, BOG, Ms. Alice Vaz R., Secretary, DTTE, GoNCT of Delhi, and other dignitaries, along with faculty members, students and staff. The event began with the lamp lighting ceremony and University KulGeet. Prof. Ajay Sharma, HOD, Department of Pharmacognosy and Phytochemistry and also the Organising secretary of the event, gave a glimpse of the week long events. The guests were felicitated by the dignitaries with a shawl, statue of Lord Dhanwantari, towel bouquet and an Ayurvedic medicinal planter.

During his presidential address, LG, Shri Vinai Kumar Saxena spoke of the relevance of Ayurveda in India since ages. He said people practiced the Ayurveda in their daily routine without knowing the science that goes behind it. Giving an example of honey, Shri Saxena said that having it regularly keeps you away from many diseases. Similarly, there are foods, herbs, and spices whose consumption benefits all age groups.

In his address, Prof. Ramesh K. Goyal promoted the concept of "Health for All". He said benefits of Ayurveda could be found in scriptures such as Ramayana as well. He opined that Ayurveda must be promoted at global level.

Dr.Nesari elaborated the 6 week program launched by AIIA to promote Ayurveda. She elaborated that the programme has seen participation from various ministries of the Government of India with the aim of 3Js – Jan Sandesh, Jan Bhagidari, and Jan Aandolan. She also highlighted the role of Ayurveda to fight COVID in India.

In his address, Dr. Shridhar Dwivedi, eminent cardiologist and medical educationist, stressed on the historical significance of Ayurveda, and recited several Sanskrit Shlokas from ancient literature to explain their significance in fighting heart diseases.

The programme ended with the inauguration of DPSRU's annual magazine, Pharma Annual 2021-2022. A special issue of the "Canadian Journal of Pharmacology and Physiology", editors, Dr. Mukesh Nandave and Prof. Ramesh K. Goyal, was also launched during the event. The dignitaries also visited Centre for Precision

Medicine, and the exhibition stalls which displayed various in-house developed products to fight against COVID, along with Ayurvedic products from various companies like Dabur, AIMIL etc.

Technical session I was then started with Chairpersons, Dr. Saroj Chooramani (President, National Academy of Medical Sciences), Dr. Mohd. Zubair (Associate Professor & Head, Ayurvedic and Unani Tibbia College and Hospital, New Delhi), Dr. Mohd. Mujeeb (Associate Professor & Head, Department of Pharmacognosy and Phytochemistry, School of Pharmaceutical Education & Research, Jamia Hamdard), Prof. Geeta Aggarwal). The speakers for the first session were Prof. C.R.Babu and Dr. Narayana Ala.

Prof. C.R. Babu spoke on “Bio-Diversity as a source of future drugs” and Dr. Narayana Ala spoke on the traditional ayurvedic practices and plants which have been used for alleviating health problems. The concluding remarks were given by Dr. Mohd. Zubair.

In the second session, Mr. D.C. Katoch gave a lecture on the role of different Ayurvedic medicinal plants in the prevention of geriatric diseases and Dr. Anil Sharma elaborated on the different products available in AIMIL which can be used for a healthy generic lifestyle.

The chairpersons for the session were Dr. R.K. Manchanda (Director, Ayush, Govt. of NCT of Delhi), Prof. Vidhu Aeri (Dean, School of Pharmaceutical Education and Research, Jamia Hamdard), Dr. Sayeed Ahmed (Associate Professor, Dept. of Pharmacognosy and Phytochemistry and In-charge, Bioactive Natural Product Laboratory). The concluding remark for the session was given by Prof. Vidhu Aeri.

In the last session, the chairpersons were Dr. Sunil Kayesth (Associate Professor & Head, Dept. of Zoology, Deshbandhu College, DU) and Dr. Archana Negi (Professor & Dean, Dept. of Pharmaceutical Sciences, Kumaon University). The speaker, Dr. Gurudutta Amin spoke on the changes in dietary and lifestyle required to alleviate and reverse diabetes and hypertension. The concluding remarks were given by Prof. Archana Negi.

The final conclusion of the symposium was chaired by Dr. Narayana Ala, Dr. D.C. Katoch, Dr. Saroj Chooramani, Dr. Anil Sharma, and Prof. Wakode. The concluding remark of the symposium was given by Prof. Ramesh K. Goyal, followed by a vote of thanks by Prof. Ajay Sharma, Organizing Secretary and Dr. Mukesh Nandave, Joint Organizing Secretary.



## Books Published

- **Ajmera P, Yadav S, Kalra S.** Essentials of Pharma and Healthcare Administration. Textbook of MBA at Savitribhai Phule University, Pune. Vikas Publications Ltd. 2022. ISBN: 978-93-5674-128-7.
- **Ajmera P, Kalra S, Yadav S.** Healthcare Management. Textbook of MBA at Savitribhai Phule University, Pune. Vikas Publications Ltd. 2022. ISBN: 978-93-5674-197-3.
- **Kalra S, Kaushik V, Chorsiya V.** Conference proceeding ebook: Recent Paradigms in Physiotherapy management by The Indian Association of Physiotherapists. Friends Publishers, 2022. ISBN: 978-93-92791.

## Books Chapters

- **Aggarwal G, Musyuni P, Mangla B, Goyal RK.** Reverse Translational Approach in Repurposing of Drugs for Anticancer Therapy. In: Drug Repurposing for Emerging Infectious Diseases and Cancer. Springer Nature Singapore. 2022. (In printing press)
- **Thakur AK, Joshi M, Goyal RK, Patel BM.** Emerging Role of ACE-2 in Cerebrovascular and Neurological Disorders: Lessons Learnt from COVID-19. In: The Renin Angiotensin System in Cardiovascular Disease. Advances in Biochemistry in Health and Disease. 2022 (Accepted).
- **Zakir F, Mohapatra S, Aftab B, Iqbal Z, Aggarwal G.** Clinical trials, future prospects and challenges of drug delivery in combating metabolic disorders'. In: Drug Delivery Systems for Metabolic disorders. 2022. (In printing press)
- **Mishra A, Pathak Y, Nair N, Arsh AM, Mishra S, Majeed J, Mishra SK, Tripathi V.** Potential Role of Vitamin D and Molecular Mechanisms involved in cancer stem cell targeted therapeutics. In Current Trends in Multi Disciplinary Research - Vol. 9. Rubicon Publications London. 2022, p31-50.
- **Jain V, Ajmera P, Kalra S, Yadav S.** Additive manufacturing in the Health 4.0 era: a systematic review. In: Advances in Additive Manufacturing: Artificial intelligence, nature-inspired and bio-manufacturing. Elsevier, 2022, p27-40.
- **Dutta D, Setya S, Gautam N, Talegaonkar S.** Encapsulation: Microemulsion. In: Principles of Biomaterials Encapsulation – 1st Edition. Elsevier, 2022, p157- 196.
- **Gautam N, Kulkarni A, Dutta D, Talegaonkar S.** Pharmacokinetics of Long-Circulating Inorganic Nanoparticulate Drug Delivery Systems. In: Pharmacokinetics and Pharmacodynamics of Nanoparticulate Drug Delivery Systems. 2022, p187-208.
- **Gautam N, Vishkarma H, Dutta D, Goyal M, Siddiqui L, Talegaonkar S.** Functionalized Lipidic Nanoparticles: Smartly Engineered Lipidic Theranostic Nanomedicines. In: Multifunctional and Targeted Theranostic Nanomedicines: Formulation Design and Applications. Springer Cham. 2022.
- **Choudhary S, Kumari A, Kumar R, Kumar S, Singh R.** Progress in Nitrogen and Oxygen-based Heterocyclic Compounds for their Anticancer Activity: An Updates (2017-2020). In: Key Heterocyclic Cores for Smart Anticancer Drug-Design -Part I. 2022, p232-259.
- **Sharma P, Sharma N, Kumar A, Chauhan NS, Chawla PA.** Natural products in Japanese encephalitis. In: Natural Products in Vector-Borne Disease Management – 1st Edition. Elsevier 2022. (Accepted).
- **Sharma S, Batra S, V.R. Sinha VR.** Nanoemulsions: A Potential Advanced Nanocarrier Platform for Herbal Drug Delivery. In: Biomedical Translational Research. Springer, Singapore. 2022; P 351-368.
- **Batra S, Sharma S, Mehra NK.** Carbon Nanotubes for Drug Delivery Applications. In: Handbook of Carbon Nanotubes. Springer, Cham. 2022.

## PATENT

“Probiotic Sports Nutrition Composition for Athletes and Method for Preparation”

**Ms. Sonia;** Application no. 202241058440

Patent rights and Inventorship granted on 10th October, 2022

## Research / Review Papers

- Grover R, Drall S, Poonia N, **Jain GK, Aggarwal G**, Lather V, Kesharwani P, **Pandita D, Goyal RK**. CD44 and CD133 aptamer directed nanocarriers for cancer stem cells targeting. *European Polymer Journal*. 2022, 183: 111770.
- **Sharma PC**, Sharma D, Sharma A, Bhagat M, Ola M, Thakur VK, Bhardwaj JK, **Goyal RK**. Recent advances in microbial toxin-related strategies to combat cancer. *Seminars in Cancer Biology*. 2022; 86(3):753-768.
- Sharma AK, Ali F, Prakash A, **Goyal RK**. Impurities present in Cardiovascular Active Substances and Medicinal Products: A Pharmacopoeial Perspective. *Current Chromatography*. 2022; 9(1): 63-77.
- **Musyuni P**, Bai J, Sheikh A, Vasanthan KS, **Jain GK**, Abourehab MAS, Lather V, **Aggarwal G**, Kesharwani P, **Pandita D**. Precision medicine: A ray of hope for overcoming multi-drug resistance. *Drug Resistance Updates*. 2022;65:100889. (IF: 22.6)
- Sharma R, **Kumar A, Majeed J, Thakur AK, Aggarwal G**. Drugs acting on Renin-angiotensin-aldosterone system (RAAS) and deaths of Covid-19 patients: A systematic review and meta-analysis of observational studies. *Egypt Heart Journal*. 2022;74(1):64 (IF: 1.2)
- Sharma R, Patil CR, **Majeed J, Kumar S, Aggarwal G**. Next Generation Sequencing in the biodiversity conservation of endangered medicinal plants. *Environmental Science and Pollution Research International*. 2022; 29(49): 73795-73808 (IF: 5.19)
- Sah A, Naseef PP, Kuruniyan MS, **Jain GK, Zakir F, Aggarwal G**. A Comprehensive Study of Therapeutic Applications of Chamomile. *Pharmaceuticals (Basel)*. 2022; 15(10) :1284 (IF: 5.2)
- Kumar P, **Mangla B**, Beg S, Afzal O, Altamini ASA, Almalki WH, Ullah SNMN, **Aggarwal G**. Optimization and validation of stability indicating RP-HPLC method for the quantification of gefitinib in bulk drug and nanoformulations: An application towards in vitro and ex vivo performance evaluation. *Arabian Journal of Chemistry*. 2022; 15(12): 104333. (IF: 6.2)
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- Mohit, Kumar P, Solanki P, **Mangla B, Aggarwal G**. Formulation development, optimization by Box-Behnken design and in vitro characterization of Gefitinib phospholipid complex based nanoemulsion drug delivery system. *Journal of Pharmaceutical Innovation*. 2022 (IF: 2.5).
- **Ajmera P**, Miraj M, **Kalra S, Goyal RK, Chorsiya V**, Shaikh RA, Alzhrani M, Alanazi A, Alqahtani M, Miraj SA, Pawaria S. Mehta V. Impact of telehealth interventions on physiological and psychological outcomes in breast cancer survivors: A meta-analysis of Randomised Controlled trials. *Frontiers in Oncology*. 2023; 12:1017343.
- Yadav V, Reang J, Sharma V, **Majeed J, Sharma PC, Sharma K**, Giri N, Kumar A, **Tonk RK**. Quinoline-derivatives as privileged scaffolds for medicinal and pharmaceutical chemists: A comprehensive review, *Chemistry Biology and Drug Design*. 2022; 100(3):389-418.
- Tiwari R, Kumar A, Shanker K, Khare P, **Dhobi M**, Kalaiselvan V, et al. Quality control assessment of Aegle marmelos (L.) Correa: A combined approach using high-performance thin-layer chromatography, heavy metal, pesticide and aflatoxin analysis. *Journal of Applied Research on medicinal and Aromatic Plants*. 2022;31:100432.
- Tripathi T, Singh A, **Dhobi M**, Kalaiselvan V. Comparative metabolic profiling, isolation of alkylated phenols and antioxidant activity of roots of Plumbago species using GC-MS and NMR based metabolomics study. *Natural Product Research*. 2022;36(23):6126-6131.
- Prasad RS, Dhaswadikar SR, Laloo D, **Dhobi M**, Itankar PR, Prasad SK. Quality control profiling, nutritional analysis and phytochemical standardization of a vegetable root Begonia roxburghii. *Vegetos*. 2022.
- Vishwakarma A, Arora P, Dhobi M. Thespesia populnea: An Ethnomedicinal, Phytochemical and Pharmacological Review. *The Natural Products Journal*. 2022;12(2):e160921188996.
- Sharma P, Nair J, Sinh A, Shivangi, Velpandian T, Tripathi R, **Mathur R**. Guava leaf extract suppresses fructose mediated non-alcoholic fatty liver disease in growing rats. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*. 2022;15:2827-2845.



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- **Jain P**, Thota A, Saini P, Raghuvanshi R. Comprehensive Review on Different Analytical Techniques for HIV 1- Integrase Inhibitors: Raltegravir, Dolutegravir, Elvitegravir and Bictegravir. *Critical Reviews in Analytical Chemistry*. 2022;1-15. (IF 6.6)
- Shekhar N, Tyagi S, Rani S, **Thakur AK**. Potential of Capric Acid in Neurological Disorders: An Overview. *Neurochemical Research*. 2022. Online ahead of Print.
- Aasim, Sharma R, Patil CR, **Kumar A, Sharma K**. Identification of vaccine candidate against Omicron variant of SARS-COV-2 using immunoinformatic approaches. *Silico Pharmacology*. 2022; 10(1):12.
- Spratt AN, Kannan SR, **Sharma K**, Sachdev S, Kandasamy SL, Sonnerborg A, Lorson CL, Singh K. Continued Complexity of Mutations in Omicron Sublineages. *Biomedicines*. 2022; 10(10):2593.
- Purohit D, **Kumar S**, Dutt R, Bhardwaj TR. An Update on Recent Advances for the Treatment of Cerebral Malaria, *Mini-Reviews in Medicinal Chemistry (Bentham Science)*. 2022; 22(12):1607-1618.
- Kumar V, **Kumar S, Sharma PC**. Recent advances in the vaccine development for the prophylaxis of SARS Covid-19. *International Immunopharmacology*. 2022; 111: 109175.
- Kaur M, Nagpal M, **Aggarwal G**, Nanotechnology for targeted drug delivery to treat osteoporosis. *Current Drug Targets*. 2022. Online ahead of print.
- Alshahrani SM, Thotakura N, **Sharma S**, Quadir SS, Chaurawal N, Sharma S, Chitkara D, Raza K. Influence of Nanocarrier Type on the Drug Delivery Aspects of Docetaxel: Empirical Evidences. *Journal of Pharmaceutical Innovation*. 2022. Online Ahead of Print. (IF: 2.604)
- Paudel KR, Patel V, Vishwas S, Gupta S, **Sharma S**, Chan Y, Jha NK, Shrestha J, Imran M, Panth N, Shukla SD, Jha SK, HP, Warkiani ME, Singh SK, Ali MK, Gupta G, Chellappan DK, Hansbro PM, Dua K. Nutraceuticals and COVID-19: A mechanistic approach toward attenuating the disease complications. *Journal of Food Biochemistry*. 2022; 46(12):e14445. (IF: 3.654)
- Joshi D, Khursheed R, Gupta S, Wadhwa D, Singh TG, **Sharma S**, Porwal S, Gauniyal S, Vishwas S, Goyal S, Gupta G, Eri RD, Williams KA, Dua K, Singh SK. Biosimilars in Oncology: Latest Trends and Regulatory Status. *Pharmaceutics*. 2022; 14(12): 2721.
- Kumar L, Verma S, Joshi K, **Sharma S**. Exploring the Therapeutic Potential of Anticancer Heterocyclic Compounds: Role in Nanoscale Pharmacotherapy. *Critical Reviews™ in Therapeutic Drug Carrier Systems*. 2023; 40 (3): 47-94.
- **Sharma P**, Sharma S. To study inflammatory and infectious disorders of the brain - Meningitis. *Bulletin of Environment, Pharmacology and life sciences*. 2022; (4): 389-395.
- Aakriti, **Sharma P**, Shweta S, Deepak, Kaur J, Anand P. Comparison Between The Effects Of Isotonic Concentric Vs Eccentric Quadriceps Theraband Training On Vertical And Forward Jump In Healthy Young Adults: An Experimental Study. *Bulletin of Environment, Pharmacology and life sciences*. 2022; (4): 406-413.
- Kumar P, **Mangla B**, Javed S, Ahsan W, **Musyuni P**, Ahsan A, **Aggarwal G**. Gefitinib: An updated review of its role in the cancer management, its nanotechnological interventions, recent patents and clinical trials. *Recent Patents and Anticancer Drug Discovery*. 2022. Online ahead of print.

## Paper Presentations

- **Sharma P, Tonk RK**, Malik M.

Title: Therapeutic properties of symphytum officinale in the treatment of Knee Osteoarthritis.

Conference: 8th International Conference on interdisciplinary research for sustainable development

Organized by: MGSIPA Chandigarh.

Date: 30th September, 2022

- **Sharma P, Tonk RK**, Malik M.

Topic: Herbal medicinal plants for the treatment of Knee Osteoarthritis: A short review.

Conference: 2nd International Conference on Natural Products and Human Health-2022

Organized by: Deshbandhu College, University of Delhi, New Delhi.

Date: November 4th – 6th, 2022.

- **Kumar S**, Sharma B, Thakur K, Bhardwaj TR.

Title: Synthesis and Studies on Novel Polymeric Prodrugs of Lumefantrine.

Conference: International conference on Drug Discovery, Development and Lead Optimization.

Organized by: School of Pharmacy and Emerging Sciences, Baddi University of Emerging Sciences & Technology, Baddi, Himachal Pradesh, India.

Date: 16-17 Dec, 2022.

## Faculty as Resource Person

### Prof. Ramesh K Goyal

- 06/9/2022

Topic: Emergence of Angiotensin Converting Enzyme-2 as a Novel Target for the treatment of Cardiovascular Complications

Event: International Academy of Cardiovascular Sciences – 9th Meeting of North American section.  
Organized by: Institute of Cardiovascular Sciences, SBHARC at Winnipeg, Canada.

- 15/10/2022

Topic: Biomarker Based Drug Discovery with Reverse Translational Approach  
Organized at: Jakarta, Indonesia

- 04/11/2022

Topic: Advances in Biomarker Based Drug Discovery with Reverse Translational Approach

Event: 2nd International Conference on Natural Products and Human Health.  
Organized by: Deshbandhu College, University of Delhi, New Delhi.

- 25/11/2022

Topic: Integration of Herbal Medicines and Nutraceuticals for the prevention and treatment of infectious diseases.

Event: International Conference.

Organized by: ITM (SLS) University Vadodara.

- 1/12/2022

Topic: Revolutions of the 21st Century in Pharmaceutical Sciences

Organized at: Era University Lucknow.

### Prof. Geeta Aggarwal

- 03/11/2022

Topic: Role of Pharmacognosy and Regulations for development of traditional medicine

Event: Pre-conference workshop

Organized by: DPSRU and Deshbandhu College.

- 23/11/2022

Topic: Innovation and Academia: Creating culture of technology transfer and Start-ups.

Event: Pharmacy week

Organized by: Sanskar College of Pharmacy, Ghaziabad

- 25/11/2022 – 26/11/2022

Event: National Conference on Journey of a Drug Molecule from Research to patient.

Organized by: Institute of Pharmaceutical Sciences, Bhaddal, Punjab

- 15/12/2022

Event: Chairperson in the Workshop on Comparing, contrasting and advancing Ayurvedic and Unani concepts with contemporary genomic biology.

Organized by: DCPMP

### Dr. Mukesh Nandave

- 19/09/2022 – 20/09/2022

Topic: Developing Protocol for the Management of Retinal Disorders (Tamira)

Organized by: Department of Shalaky Tantra, at DRISHTI, All India Institute of Ayurveda.

- 07/11/2022 – 08/11/2022

Conducted 2 days workshop on Research Methodology and Scientific Writing.

Organized by: Kumaun university, Bhimtal

### Dr. Sushama Talegaonkar

- 22/11/2022

Topic: Functionalized biopolymeric nanoparticles for Colon Cancer targeting

Event: UGC- HRD sponsored Refresher Course on Biological Sciences

Organized by: University Institute of Pharmacy, Pandit Ravishankar Shukla University, Raipur.

- Nominated as member, Board of Governors, NIPER, Hyderabad

### Dr. Sheetal Kalra

- 10/12/2022

Topic: Physiotherapy and yoga in sports injuries prevention.

Event: PHYSIOHARCON-2022 4th International Conference.

Organized by: MDU, Rohtak

- Chaired session during PHYSIOHARCON held on 10th in MDU Rohtak

- 06.11.2022

Judged Paper presentation in PG category.in a conference.

Organized by: Indian Association of Physiotherapists at Jamia Milia University.

**Dr. Jaseela Majeed**

- 06/11/2022

Topic: Gender Equality and Workplace  
Event: IAP Delhi State Grand Conference 2022  
Organized by: Govt of Kerala at Kerala House.

**Dr. Anoop Kumar**

- 7/11/2022 - 13/11/2022

Topic: Modern Pharmacology using computational, spectroscopic and In-vitro techniques

Event: DST STUTI Program

Organized by: Siksha 'O' Anusandhan University Odisha, India

- 24/12/2022

Topic: Signal analysis in Pharmacovigilance  
Event: National conference on Pharmaceutical Health Science and Technology  
Organized by: Minerva College of Pharmacy, Indora, India

**Dr. Priti Jain**

- 09/09/2022 – 10/09/2022

Topic: Recent Paradigm in Computer Science and Engineering

Event: ICRPCSE-2022

Organized by: NMIMS Indore Campus

**Dr. Ajit Kumar Thakur**

- 02/09/2022 – 04/09/2022

Topic: Potential of Glycyrrhizin-rich Glycyrrhiza glabra Linn. Extract in Affective Disorders Associated with Chronic-Stress

Event: 25th APTICON-2022

Organized by: JSS College of Pharmacy, Mysuru

- 07/12/2022

Topic: Potential Role of Low-Dose Antibiotics in MPTP-Induced Parkinson's Disease

Event: National Symposium on "Challenges and opportunities in the management of Neurological disorder.

Organized by: NIPER Guwahati

- 08/12/2022 – 10/12/2022

Topic: Comparative Study of Low-Dose Antibiotics in MPTP-Induced Parkinson's Disease: Pre-clinical Study.

Event: XL Annual Meeting of Indian Academy of Neurosciences (IAN)

Organized by: North-Eastern Hill University, Shillong.

**Dr. Akash Midha**

- 15/12/2022 – 16/12/2022

Topic: Digital Transformation on Disruption in Management: Leveraging emerging Technology

Event: 3rd International Conference

Organized by: Faculty of Management Studies, Parul University, Vadodara

**Dr. Ravinder Kumar**

- 11/09/2022

Topic: Current Scenario of Physiotherapy practice in India with special reference to legal aspects

Event: SAPTCON 2022, National Conference

Organized by: Student Association of PGIMER Chandigarh

- 13/12/2022

Topic: One day Certified Course in Cupping Therapy

Event: PHYSIOHARCON-2022 4th International Conference

Organized by: H.C.A.P & M.A.M.C Hisar, Haryana

**Savita Tamaria**

- 18/12/2022

Chaired the Scientific session & Judged the Paper presentation.

Event: PHYSIOHARCON-2022 4th International Conference

Organized by: MDU, Rohtak

**Parul Sharma**

- 06/11/2022

Topic: UG Scientific Committee Member

Event: IAP Delhi State Grand Conference 2022

Organized by: Jamia Milia Islamia University, New Delhi.

**Ms. Amandeep Kaur**

- 21/10/2022

Topic: Holistic Approach for substance abuse

Event: Campaigns under "Fit India Movement 3.0"

Organised by: Guru Nanak Dev Khalsa College (University of Delhi) OOJA- the Sports Society in collaboration with National Service Scheme.

## Awards and Recognitions to Faculty

### Dr Sushama Talegaonkar

- Received Malvern P'analytical Scientific Award 2022 for the Publication entitled "Intranasal delivery of Naloxone-loaded solid lipid nanoparticles as a promising simple and non-invasive approach for the management of opioid overdose" published in the International Journal of Pharmaceutics (Impact factor- 6.51).
- Received Best poster award for poster entitled "A Pan India study to understand the use of innovative administration devices for oral medicines, 14th European Pediatric Formulation Initiative (EuPFI) conference held in Rome in September 20, 2022.

### Dr. Mukesh Nandave

- Recognized as a member of Special Committee for Drug Standardization of Central Council of Research and Homeopathy on 11.11.2022.

### Dr. Anoop Kumar

- Recognized as section editor in Current Indian Science, Journal of Bentham
- Recognized as Assistant editor in Acta Neurologica Scandinavica Journal of Wiley.
- Received an "Outstanding Scientist Award" in the International Scientist Awards on Engineering, Science and Medicine by INSO awards society.

### Dr. Ravinder Kumar

- Got "Pandit Shriram Sharma Award 2022" through Hon'ble Dr. Arvind Sharma, Member of Parliament, Rohtak Lok Sabha for excellent work in the field of education and Physiotherapeutic Sciences during the 123rd birth anniversary celebrations of Pandit Shriram Sharma ji organized by Pandit Shriram Sharma Vichar Manch, at Rohtak, Haryana on 01st October 2022.

## Student's Achievements

### Ms Isha Aggarwal

(MBA-PM)

- **Won Elocution Competition** on the occasion of the 61st National pharmacy week organized by IPA Delhi branch and DPSRU on the topic: "Pharmacy of the world-India".
- Secured the first position and cash prize of Rs 1000/- in the IPA State Level elocution Competition 2022. The State Level Competition was organized on 12th December 2022 with the topic "Pharmacy United in Action for Healthier World" in DPSRU.

### Ms. Palka Mittal

(Ph.D scholar in Public Health)

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

Deshbandhu College, University of Delhi and DPSRU.

### Ms Isha Aggarwal and Ms Sanskriti Sahu

(MBA-PM and MBA-PET)

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

### Mr. Ayush Mawri

(B.Sc. (H) Sports Science)

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

### Mr. Surender Yadav

(B.Sc. (H) Sports Science)



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



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



**Ms Namrata Gautam**  
(Ph D Scholar)

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

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

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



## Extra-Curricular Events of the University

### जागरूकता अभियान: Antibiotic Resistance

२४ नवंबर २०२२ को "नेशनल फार्मसी वीक" के उपलक्ष में दिल्ली भेषज विज्ञान एवं अनुसंधान केंद्र में राष्ट्रीय सेवा योजना (National Service Scheme) द्वारा राष्ट्रीय जागरूकता रैली का आयोजन किया गया।

समस्त प्राध्यापको एवं विद्यार्थियों के योगदान से पोस्टरों एवं नारों की गुंज से जनहित में Antibiotic Resistance वहा निकारक दवाईयों को देश से हटाने का सन्देश दिया गया। रैली का मुख्य सन्देश नकली दवाइयों को हटाने वजन हित में जनता तक योग एवं आयुर्वेद द्वारा अपने स्वास्थ्य को स्वस्थ रखने का सन्देश जन-जन तक पहुंचाया गया। आज की जागरूकता रैली को तीन सौ से अधिक प्राध्यापकों, विद्यार्थियों व अन्य विश्वविद्यालय के कार्यकर्ताओं ने डा. पी. के. साहू (निर्देशक डीपसार), डा. सुशमा तालेगावकर की उपस्थिति में डा. सुमित शर्मा, डा. अमन प्रीत कौर के नेतृत्व में रैली को विधिवतरूप से संपन्न किया गया।



### संविधान दिवस समारोह - विशेषग्य वार्ता

संचालक:

संरक्षक- प्रो. रमेश के. गोयल (कुलपति)

सह-संरक्षक- प्रो. ओ. पी. शुक्ला (कुलसचिव)

मुख्यअतिथि - प्रो. पी.के.साहू (निदेशक दिप्सार), डॉ. गीता अग्रवाल (शैक्षिक अधिष्ठिता), डॉ. राजीव टोंक (छात्र- कल्याण अध्यक्ष), डॉ. हरविंदर पोपली (निदेशक S.P.S)

आयोजक- डॉ. सुमित शर्मा (नोडल अधिकारी हिंदी भाषा, समन्वयक)

छात्रसमन्वयक - अंकित मोंगा वधुवकोली

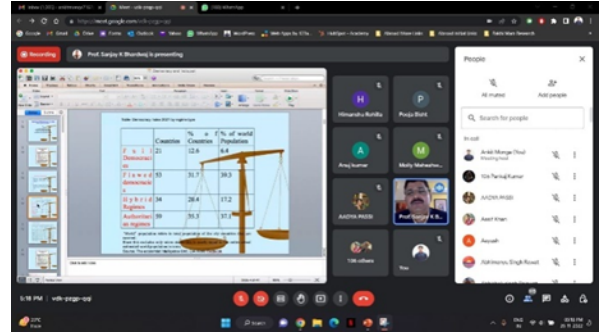
२६ नवम्बर २०२२ को विश्वविद्यालय में संविधान समारोह कार्यक्रम, आनलाइन माध्यम में आयोजित किया गया। जिसमें कार्यक्रम के मुख्य अतिथि प्रो. संजय भारद्वाज (JNU) द्वारा भारत लोकतंत्र की जननी विषय पर लोकतन्त्र के महत्त्व था Essence of Democracy in India: A Retrospective Analysis पर विचार व्यक्त किये गये जिसमे विश्वविद्यालय के प्राध्यापकों एवं 100 से भी अधिक विद्यार्थी इस कार्यक्रम में सम्मिलित हुए। विशेषज्ञ वार्ता के मुख्य आक्रषण निम्न रूप से हैं:

- भारत में नये गणराज्य के संविधान का शुभारंभ 26 जनवरी, 1950 को हुआ और भारत अपने लंबे इतिहास में प्रथम बार एक आधुनिक संस्थागत ढांचे के साथ पूर्ण संसदीय लोकतंत्र बना। 26 नवम्बर, 1949 को भारतीय संविधान सभा द्वारा निर्मित "भारत का संविधान के पूर्व

ब्रिटिश संसद द्वारा कई ऐसे अधिनियम/चार्टर पारित किये गये थे, जिन्हें भारतीय संविधान का आधार कहा जा सकता है।

- उन्होंने संविधान दिवस के अवसर पर लोकतंत्र के मुख्य चार विभिन्न श्रेणियों के बारे में विस्तार से उल्लेख किया गया, जिनमें त्रुटिपूर्ण लोकतंत्र (Flawed Democracy), पूर्ण लोकतंत्र (Full Democracy), संकर शासन (Hybrid Regime) और सत्तावादी राज्य (Authoritarian State) हैं। तथा भारत दुनिया की डेमोक्रेसी में 46 वें स्थान पर है, और भारत की गिनती प्रथम आंकड़ों के मुताबिक त्रुटिपूर्ण डेमोक्रेसी (Flawed Democracy) में होती है।
- जिसमें संविधान निर्माण में मुख्य भूमिका भारत रत्न डॉ. भीमराव अंबेडकर की रही जिसमें उन्होंने अपने जीवन के 65 सालों में सामाजिक, आर्थिक, राजनीतिक, शैक्षणिक, धार्मिक, ऐतिहासिक, सांस्कृतिक, साहित्यिक, औद्योगिक, संवैधानिक आदि क्षेत्रों में अनगिनत कार्य करके राष्ट्र निर्माण में महत्वपूर्ण योगदान दिया, उन्होंने अपने मानवाधिकार जैसे दलितों एवं दलित आदिवासियों के मंदिर प्रवेश, पानी पीने, छुआ छूत, जाति पाति, ऊंच-नीच जैसी सामाजिक कुरीतियों को मिटाने के लिए कार्य किए जिसके आधार पर लोकतंत्र में बिना किसी जाति, धर्म, व भेदभाव के लोकप्रियता के साथ देशवासियों को संगठन में रहकर देश को एक नए युग की ओर नई दिशा दी जा सकती है।

- लोकतंत्र से ही एक नए युग की शुरुआत की जा सकती है जिसमें युवाओं व देशवासियों की जागरूकता से ही लोकतंत्र को एक मजबूत कड़ी में जोड़ा जा सकता है अर्थात् एक मजबूत लोकतंत्र ही एक राजतंत्र का निर्माण कर सकता है। भारतीय लोकतंत्र के सन्दर्भ में जागरूकता एवं एक जुट होकर निष्पक्षता व बिना किसी स्वार्थ के ही देश में एक निस्वार्थ लोकतंत्र का निर्माण किया जा सकता है।



## CELEBRATING NATIONAL UNITY DAY

DPSRU with the help Aakriti Art Society organized a poster making competition on the occasion of “Rashtiya Ekta Diwas” i.e National Unity Day on 31st October 2022. First registrations were called upon from students and then they can submit their posters from 28th to 31st October 2022. Many entries were received for the topic and all the entries received were appreciable as they were creative. The first winner of the competition was Amrita Biswas, a first year student of Bachelor’s in Pharmacy, the second winner was Dakshita, second year student of B.Pharm, DIPSAR and the third winner was Deepika, a first year student from B.Pharm, SPS-DPSRU. Others were provided with e-certificates for their active participation. This competition has showcased the talent of our students and we wish them all the best for the upcoming events and projects.

This event was coordinated by the very able and talented Aakriti Art Society of DPSRU team: Mitali Dhar, Yash, Shweta, Cheshtha, Tarun Uniyal. The event was organized by Dean Academics Prof. Geeta Aggarwal, Dean Students’ Welfare Prof. Rajiv K. Tonk, extra-curricular in Charge, Prof. Richa Hirendra Rai, Co-curricular incharge Dr. Anshul and AKAM Nodal Officer Dr. Anubha Agrawal. It was executed to commemorate Azadi Ka Amrit Mahotsav.



The National Unity Day 2022 was also celebrated by National Service scheme (NSS) unit of DPSRU on 31st October 2022. The event was started with opening remarks about "Rashtriya Ekta Divas" by Dr. Sahil Kumar (Assistant Professor of Pharmaceutical Chemistry) DPSRU. The event was started with oath taking ceremony and followed by singing patriotic song by student Anjali (B. Pharm, 1st year) & Biography speech of Sardar Vallabhbhai Patel by Vinit (B. Pharm, 2nd year).



The faculty, staff & students of NSS volunteers participated in the RUN FOR UNITY throughout the university campus. All the participants delivered slogans regarding awareness of "Rashtriya Ekta Diwas" during Run for Unity Campaign. The event was celebrated by NSS volunteers, students, staff and faculty members of the university on the auspicious occasion of National Unity Day 2022.



## ASSRM students visit to Season 4 Pro-Tennis League

A Volunteer Team of 21 students of Academy of Sports Science Research and Management (ASSRM) under the supervision of Ms Amandeep Kaur, Assistant Professor, ASSRM from DPSRU went to R.K. Khanna Tennis Stadium to manage and learn the live event activities of sports event name Season 4 Pro-Tennis League dated 1st – 4th December, 2022, where teams from different cities like Bangalore, Meerut, Jaipur, Gurugram, Delhi and Lucknow, play against each other.

Students learnt about the league that who it is being managed specifically in operations, and how Pre, During and Post event period is managed during the whole sporting event.

They also got chance to get interacted with the international player and team owners experience.







## Amritsar Border Trip

DPSRU organized AKAM Border Trip to Amritsar on 13th and 14th December 2022 for 40 students and 5 Non-Teaching and Teaching staff, including Dr. Anubha Agrawal, Nodal Officer, AKAM, Assistant Registrar, Dr. Geeta Aggarwal, Dean Academics, Prof. Richa H Rai, Prof. Deepti Pandita and Dr. Sachin Kumar.

### Day 01: 13th December 2022

All the students, Teaching and Non-Teaching staff reported at New Delhi Railway Station at 06:00 AM to board train 'Shan-e-Punjab Express' (12497). Students had a breakfast on board. The train reached Amritsar on time at 02:15 PM. Thereafter, IRCTC Executive 'Mr. Vishal' received our group, and we proceeded towards BSF Headquarters in an Air Conditioned Bus. At BSF headquarter Mr. Rahinul Islam, BSF Soldier, accompanied us for Attari Border visit.

Reached **Attari Border** at 04:00 PM to attend the 'Retreat Ceremony'



Attari Border Entrance 'Swarn Jayanti Dwar'



Attari Border

After Retreat ceremony students were taken to BSF Museum



### Day 2: 14th December 2022

All the students and faculty visited to Golden Temple



Then, the students were taken to Jallianwala Bagh to know the history of Jallianwala Bagh Massacre.



After sightseeing Mr. Vishal from IRCTC was felicitated by Dr. Anubha Agrawal, along with Prof. Geeta Aggarwal, Prof. Deepti Pandita and Prof. Richa H. Rai



Further, we proceeded towards Amritsar Railway Station and Boarded Swarn Shatabdi Express (12030). The train reached New Delhi Railway Station with 2 minutes of delay at 10:52 PM. Students were sent home with their parents/guardian

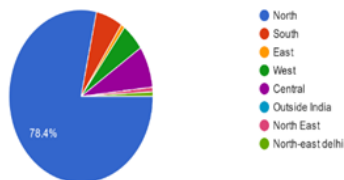
## Webinar “Meet the Editor” with Editor in Chief of reputed Journal to promote Research and publication

DPSRU organised a webinar with Editor in Chief of Journal of Science and Medicine in Sport (JSAMS) to promote Research on 16th Sept 2022. More than 116 individuals from different strata participated in this online event. 100% of the audience acknowledged their satisfaction with the event where 84% of the audience were highly satisfied and 96.6% expressed their desire to attend more such events. Further on being asked, participants suggested to conduct events on Plagiarism, Meta analysis, career counselling, research in neurology, orthopaedics and cardio pulmonary, writing skills, Academic and Career opportunities for Indian Physiotherapist abroad etc. The scope of the webinar was Pan India and thus 78.4% audience was from North India, 6% each from South and West of India, 9% from Central India and others from other regions including North East India. The profile of audience is demonstrated in the Graph 2.

Aims and Scope of the journal also the metrics of the Journal, its overarching Aims and the type of articles accepted for publication and the country wise article publication status. He appreciated the Indian researchers and emphasized that India has a wide scope of publication in the Journal and invited quality research articles. He also spoke about the sister Journal JSAMS plus and its scope. The webinar was followed by a Question and Answer session where the audience came up with their queries which were addressed by the Editor in Chief.

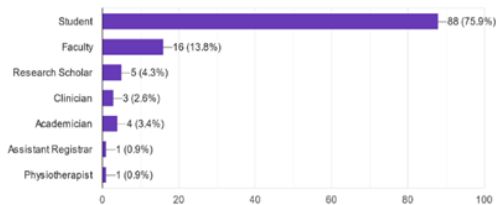
The program was hosted by Prof. (full) Richa H Rai School of Physiotherapy, Ms Kashika Bhatia BPT final year student and Mr Pankaj from the IT team. DPSRU team is thankful to Prof. Ramesh K Goyal, Hon’ble Vice Chancellor DPSRU, Prof. P.K.Sahoo, Dean Research and innovation and current Incharge-Vice Chancellor and Registrar Dr O.P.Shukla for having given us this opportunity. Also, the entire team who contributed to the event Director SPS Prof. Harvinder Popli, Dean Academics Prof. Geeta Aggarwal, Dean Students’ Welfare Prof. Rajiv K Tonk other senior faculty Dr Richa H Rai, Professor, School of Physiotherapy, Dr Sheetal Kalra, Associate Professor and offg. Head School of Physiotherapy, Dr Gaurav Jain Associate Professor, Dr Prabodh Sharma Associate Professor, Assistant Registrar Academics and Research Dr Anubha Agarwal, the library staff Mr S.sengupta, Librarian, DIPSAR, Ms Yogita Ahuja, Asst Librarian, DPSRU, Ms Sarita Rani, Ms. Divya Kushwaha and Ms Namarta Bhardwaj. The event was a great learning for all and DPSRU University is thankful to Prof. Dr. Tim Meyer for having accepted the invitation.

Which part of India are you located ? In case not from India please specify the country and region  
116 responses



Graph 1: Scope of Webinar

Designation  
116 responses



Graph 2: Profile of audience

The Editor in Chief Prof. Dr. Tim Meyer introduced us to the Editorial Board of the Journal: we were lucky to have Danilo de Oliveira Silva and Kai Yee Yung also amongst us. He also explained the meticulous Work flow for the Editors in different capacities and also that for the Reviewers.



## FREE EYE CHECK UP CAMP



There are several eye disorders of which the people are not aware of and over a period of time that lead to musculoskeletal problems in individuals. As a part of World Physiotherapy Celebrations a free eye check-up camp was thus organised by School of Physiotherapy and WCSC in association with Rotary club Central Delhi under the leadership of Prof Harvinder Popli, Director SPS, DPSRU and with Rotary club Divine on 15th Sept 2022 in DPSRU Campus from 10 am to 3 pm. It was the Nimisha Foundation and its Visitech Eye Centre under the guidance of the esteemed ophthalmologist Dr R P Singh, that catered to the needs of the patients and their team of doctors and technicians evaluated around 170 patients including faculty and staff of DPSRU as well as walk-in physiotherapy patients. The patients were evaluated for eye power check for both distance & near, Slit lamp examination, Fundus examination and were given treatment by Senior Consultant Eye Specialist. Also as this was an event at large scale and several people demonstrated interest in the same the event was also used as a platform to distribute HIV AIDS awareness pamphlets to disseminate information amongst the staff and the subjects and to educate the general public about the prevention, care and support related to HIV. To increase attraction of the volunteer students and the staff Mrs. Bharulata Patel-Kamble, LLB Honors from the University of Hertfordshire UK and also a veteran automobile expeditor, British

Citizen of Indian origin was invited to give a motivational talk. Mrs Bharulata has her name carved in the history of India as the first Indian lady in the world to drive solo through the Arctic circle & 32 countries and the first women in the world to drive solo, driving the longest distance in the Arctic Circle covering 2792 kms in just 39 hours. She is also the first Indian woman to hoist the flag of India in the Arctic circle.

Overall the camp attracted a footfall of 170 patients and more and the response from all was very positive. The DPSRU students and Rotary volunteers Ms Ishita dahiya, Ms Anu Gupta, Ms Sakshi Singh, Shaifali Sharma from B Pharm 1st year, Neha Sharma and Luvleen Karu from BPT 3rd year and 1st year respectively and Mr Mohd Suhail from BMLT learnt a lot from it and the event was a great success with the team effort of School of Physiotherapy Team Prof Richa H Rai, Dr Sheetal Kalra, Dr Varsha Chorsiya, Dr Savita Tamaria, Dr Jitender Munjal, Dr Parul Sharma, Dr Sapna Dhiman, Dr Tabassum Saher, Dr Neha Kumari and the staff Ms Suhasini, Ms Dhanashree, Mr Naresh and Mr Jileदार. Also WCSC Dr Madhu Gupta, COO, WCSC and Coordinator Ms Meghna Singh Medicine management coordinator actively participated with their volunteers Vaishali, Tumpa Manna, Anuj and Rahul who demonstrated great work.

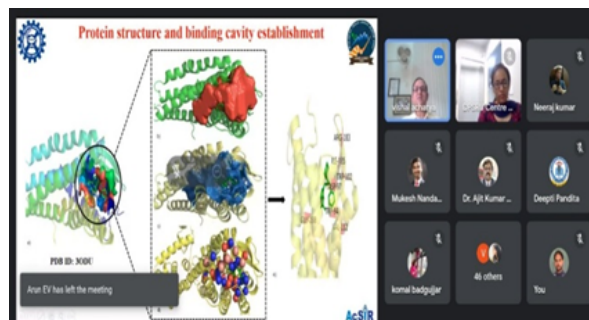
## Activities under DPSRU Centre for Precision Medicine and Pharmacy (DCPMP)

### Webinar on “Machine intelligence-driven framework for optimized hit selection in virtual screening”

DCPMP organized an online guest lecture on “Machine intelligence-driven framework for optimized hit selection in virtual screening” on 11th October 2022, at 15:00 IST. The speaker of the session was Dr. Vishal Acharya, Senior Scientist, at CSIR-Institute of Himalayan Bioresource Technology (IHBT), Palampur-176061 (H.P.). The program was conducted in online mode with more than 70 participants both teaching Faculty and students. At the beginning, university song was played, which is beautifully penned down by none other than respected Prof. (Dr). Shridhar Dwivedi, chairperson, Board of Governor, DPSRU. The event started with a welcome address to the speaker and the participants by Dr. Ruchika Sharma.

The introduction about the esteemed speaker was made by Dr. Ruchika Sharma. Dr. Vishal started his talk with a fundamental overview of the application of artificial intelligence in precision medicine. Dr. Vishal discussed his ideas on artificial intelligence and the different software projects he worked on in that field. He gave an overview of the study work plan for the chemical and protein spaces to obtain optimized hits. Additionally, he talked about the open-source platform that might be used for the study plans. He concluded by saying that if these approaches are integrated in the appropriate way, they can be used as a tool for precision medicine. He encouraged the audience members to enhance their health and mental abilities during the talk.

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 ended with a vote of thanks by Dr. Ajit K Thakur on behalf of the DPSRU Centre for Precision Medicine. The participants provided positive feedback regarding the event and got an understanding of Artificial intelligence approaches in Precision medicine. The lecture was organized by Prof (Dr) Geeta Aggarwal, Dr. Jaseela Majeed, Dr. Ajit K Thakur, and Dr. Ruchika Sharma.



### Webinar on “Advance Immunoassay Solutions”

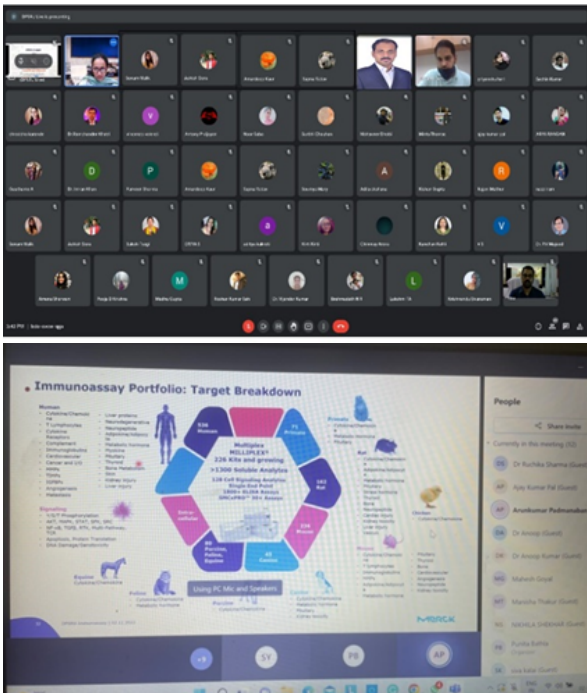
DCPMP organized an online Expert Talk in collaboration with Merck on “Advance Immunoassay Solutions” on 2nd November 2022, at 15:00 IST. The speaker of the session was Mr Arun Kumar Padmnabhan, Commercial Marketing Manager, Merck. The program was conducted in online mode with more than 30 participants both teaching Faculty and students. In the beginning, a university song was played, which is beautifully penned down by none other than respected Prof. (Dr).Shridhar Dwivedi, Chairperson, Board of Governor, DPSRU. The event started with a welcome address to the speaker and the participants by Dr. Ruchika Sharma.

The introduction about the esteemed speaker was made by Dr. Ruchika Sharma. Mr. Arun started his talk with a fundamental overview of biomarkers and their advantages for drug discovery. He gave an overview of the study work plan for the proteomic study with the system and also explained how we can study the mixture of proteins for immunological studies at once using the MULTIPLEX system. Additionally, he talked about the advantages of multiplex system over the ELISA system. He concluded by saying that if these Next Generation approaches are integrated appropriately, they can be used as a tool for precision medicine and immunological studies. He encouraged the audience members to enhance their health and mental abilities during the talk.

Following 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 ended with a vote of thanks by Dr. Ruchika Sharma on behalf of the DPSRU Centre for Precision Medicine.

The participants provided positive feedback regarding the event and got an understanding of Artificial intelligence approaches in Precision Medicine. The lecture was organized by Prof (Dr) Geeta Aggarwal, Dr. Jaseela Majeed, Dr. Ajit K Thakur, Dr. Ruchika Sharma, Ms Keerti and Mr. Javed.

The webinar was hosted by Dr. Ruchika Sharma.



### **Workshop on “Comparing, Contrasting and Advancing Ayurvedic and Unani Concepts with Contemporary Genomic Biology”**

DCPMP organized one Day workshop on “Comparing, Contrasting and Advancing Ayurvedic and Unani Concepts with Contemporary Genomic Biology” on 15th December 2022, at 10:30 IST onwards. The Chief Guest for the workshop was Prof. (Dr.) Madan Thangavelu, Genome Biologist, Cambridge University, UK. Subject Expert for the workshop was Dr. Suhdhir Bagga, Medical Director, Science of Life, Delhi. Dr. Narendra Bhatt, Consultant ayurveda, research, and industry, Cria consultant Pvt. Ltd was also one of the expert for the workshop. The program was conducted in offline mode with more than 100 participants both teaching Faculty and Students. At the beginning, university song was played, which is beautifully penned down by none other than respected Prof. (Dr.) Shridhar Dwivedi, chairperson, Board of Governor, DPSRU. Followed by this felicitation of the Chief guest was done by Honourable Vice chancellor

and other organising committee. The event started with a welcome address by Prof (Dr.) Geeta Aggarwal, Dean Academics, DPSRU to the speakers and the participants.

Inaugural address for the workshop given by Honourable vice chancellor Prof. (Dr.) Ramesh K Goyal. He also gave his blessings for the event. The introduction about the esteemed subject expert Dr. Sudhir Bagga was made by Dr. Ruchika Sharma. Dr. Sudhir Bagga started his talk with a fundamental overview of the application of Integrative Health/ Disease management (Outcome and Evidence Based). Dr. Sudhir discussed his ideas approaches for health disease management and the different area he worked on in that field.

Followed by expert talk by Br Narendra Bhatt, Consultant ayurveda, Research, and Industry, Cria consultant. He gave an overview of the study work plan for the ayurveda. Additionally, he talked about the open-source platform that might be used for the study plans. Finally, Dr Madan Started his discussion for the workshop and discussed fundamental aspects we can use for the research in ayurgenomics. He concluded by saying that if these approaches are integrated in the appropriate way, they can be used as a tool for precision medicine. He encouraged the audience members to enhance their health and mental abilities during the talk. Followed the talk, discussion session was handled by Dr. Ruchika Sharma who gave the participants to clear their doubts and interact with the speaker.

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

### Some glimpses of the event



### Two Days Hands on Training on Next Generation Sequencing (NGS)

DCPMP organized two days (16–17th December, 2022) “Hands on training on Next Generation Sequencing (NGS)”, under the chairmanship of Hon’ble Vice Chancellor, Prof. Ramesh K. Goyal and Advisership of Dr. O.P. Shukla, Registrar, DPSRU. The Training was conducted through off line mode in DPSRU-Centre for Precision Medicine and Pharmacy, Ground Floor, DIPSAR. In the training seven participants including faculty, and scholars were joined. The training was conducted under the Scientific Advisership of Prof. Geeta Aggarwal, Dean Academics, 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. Ruchika Sharma.

The hands-on training was divided into four sessions and Two days. In the morning session of the first day, Dr. Neeraj K. Chauhan, Application scientist, Thermo Fisher Scientific, had shown a brief overview starting from basic to advance level that also covers the overview of NGS and Ion Chef Theory. The afternoon session was started with Ion One Touch 2 system, requirements and overview followed by Template preparation on Ion One Touch 2 system and trouble-shooting.

The Second day morning session was started with the ES system requirement, overview and setup Enrichment followed by Ion S5 sequencing system, requirement and overview. The final sample was loaded on to Ion 530 sequencing chip. The chip containing the sample was loaded into Ion S5 Sequencer for whole genome sequencing. The afternoon session included a discussion of the run report and troubleshooting. All the participants have shown overwhelming responses and were shown positive interest to attend such Hands-on training in the future.



## Activity organized under CRTDH

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

DSIR-CRTDH Conclave was held on 17th -18th November, 2022, Lucknow. The Chief Guest of the Conclave Dr. N. Kalaiselvi, Secretary, DSIR & Director General, CSIR, other dignitaries, Dr. Radha Rangarajan, Director, CSIR-CDRI, Dr. Prabodh Kumar Trivedi, Director, CSIR-CIMAP, Dr. Bhaskar Narayan, Director, CSR-IITR, Dr. Sujata Chaklanobis, scientist G & Head-CRTDH, DSIR, New Delhi graced the occasion. Ministry of MSME was also a part of the conclave.

DSIR-CRTDH Centers from 14 cities attended the 2 days conclave. Prof. Geeta Aggarwal, Prof. Deepti Pandita and Dr. Gaurav Kumar Jain represented DSIR-CRTDH-DPSRU centre and presented the products being developed and the activities being conducted under the CRTDH center of the university i.e. Center for Advanced Formulation Technology (CAFT). They had a successful interaction with the chief guest Dr. N. Kalaiselvi and other scientists who participated in the conclave.

The CAFT team also visited CDRI (Central Drug Research Institute), Lucknow and had an interaction with the scientists for future collaboration. The conclave was a grand success.



## Activities organized by School of Pharmaceutical Sciences

### 61st National Pharmacy Week – 2022

With great zeal and fervour, DPSRU celebrated the 61st National Pharmacy Week from 23rd to 25th November 2022. The theme for the year was “Pharmacy of the World- India” and under the same, various riveting events were organised on 24th November to provide the budding health care professionals a platform to showcase their skills and creativity. The week was celebrated with great



enthusiasm by the students and faculty alike, with over 200 registrations for various events. The programme was coordinated by Dr. Sushama Talegaonkar and co-coordinated by Dr. Anshul and Dr. Bharti Mangla. The student coordinator for the event was Gurpreet Kaur, B.Pharm 5th sem.



## Pre-conference Workshop on Role of Pharmacognosy and Regulations for the Development of Traditional Medicine

A pre-conference workshop on “Role of Pharmacognosy and Regulations for the Development of Traditional Medicine” was organized by DPSRU in collaboration with Deshbandhu College, University of Delhi on 03.11.2022. This pre conference workshop was a part of the 2nd International Conference on Natural Products and Human Health-2022 which was scheduled from November 4-6, 2022 at Department of Zoology, Deshbandhu College, University of Delhi, New Delhi, India. Before the workshop, the guest visited DPSRU Labs. The workshop was inaugurated with the lamp lightning ceremony by Vice Chancellor, DPSRU, Prof. Ramesh K. Goyal and Guests from different countries were present as speakers. The Guests were felicitated by Vice Chancellor, Prof. Ramesh K. Goyal to appreciate their presence. After this, University song was played as tradition and to give glimpse of DPSRU to the guests. The welcome address was given by Dr. Mahaveer Dhobi, Co-coordinator of the event. This was followed by a presentation on “Overview of the University” by Dean, Academics, Prof. Geeta Aggarwal. A presentation was also given by Dean, Students welfare, Prof. Rajiv Tonk on “Co-curricular and extracurricular activities of DPSRU”. After this, session I of the workshop was started with the back-to-back three lectures by Prof. Veeranoot Nissapatron (Walailak University, Thailand), Prof. Julieta Z. Dungca, (Centro Escolar University, Philippines) and Prof. Chea Sin (University of Puthisastra, Cambodia). The session was chaired by Prof. Harvinder Popli, Prof. Sharad Wakode and Prof. Ajay Sharma. The session II was organized in Hybrid online

offline mode. This session was led by Vice Chancellor, Prof. Ramesh K. Goyal. There were three panel discussions (I,II,III) in this session including experts joined online and offline. The panelists for the Panel discussion I on the topic, ‘Challenges & Regulatory aspects in Herbal Medicine and Biotechnological Advances’ were Prof. Christophe Wiart (Universiti Malaysia Sabah, Malaysia), Prof. Petr Maly (Czech Academy of Sciences in Vestec, Czech Republic), Dr. Shiv Bharadwaj (Czech Academy of Science, Prague, Czech Republic). The session was chaired by Dr Meenakshi Garg and Prof. Ajay Sharma, DPSRU and Dr.Indrakant Singh, Deshbandhu College, DU. The panel discussion II was on the topic, ‘Nanotechnology in Herbal Drug Research’. The panelists were Dr. Maria de Lourdes Pereira (University of Aveiro, Aveiro, Portugal), Dr. Muhammad Nawaz (Imam Abdulrahman Bin Faisal University, Saudi Arabia), Dr Alok K. Paul (University of Tasmania, Australia). The session was chaired by Prof. Vidhu Aeri, Jamia Hamdard and Prof. Geeta Aggarwal and Dr Madhu Gupta, DPSRU. The panel discussion III was on the topic, ‘Secondary metabolites and Herbal Drug Research’. The panelists were Dr Vladimir V. Zarubaev, Russia, Prof. Maria Asuncion Lopez (CEU, Philippines), Dr.Chandramathi S. Raju (University of Malaya, Malaysia) and Dr.Tooba Mahboob (UCSI University, Malaysia). This session was chaired by Dr. Vijender Kumar and Dr. Devesh Tewari, DPSRU. The Vote of thanks was given by Prof, Ajay Sharma. The pre-conference workshop ended with National Anthem.





## ORIENTATION PROGRAM PG – IIInd Year “Sensitization towards Research”

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

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

He was felicitated by Hon'ble Vice Chancellor, alongwith all the dignitaries on stage, after which Prof. Geeta Aggarwal, Dean Academics delivered a welcome address and gave an overview about the PG – IIInd year. Prof. P.K. Sahoo, Director – DIPSAR and Dean Research & Innovation briefed the students on how to utilize the available facilities in the university for research, followed by Dr. Prof. Rajiv Tonk, Dean Students Welfare addressing the students w.r.t. discipline and attendance. Prof. Ajay Sharma addressed the IIInd year students of Pharmaceutical Chemistry, and Dr. Mukesh Nandave addressed the students of Pharmacology. Thereafter Prof. Harvinder Popli, Director – School of Pharmaceutical Sciences talked about the innovation and Commercialization of Research Projects, followed by Dr. Sheetal Yadav addressing the IIInd year students of School of Allied Health Sciences & Management.

First session of the program was taken by the Hon'ble Vice Chancellor, Prof. Ramesh K Goyal. He briefed the students about the detailed process of research project, from its ideation to thesis report writing. The second session was conducted by the expert speaker – Dr. R.C. Deka on Research Methodology. He discussed about merits and demerits of choosing various methods that are preferred for conducting research in healthcare areas. The sessions ended with a Question-Answer round.

The event was concluded with a Vote of Thanks by Prof. Deepti Pandita. The program was Co-ordinated by Dr. Sheetal Yadav, Dr. Sachin Kumar and Dr Bharti Mangla, under the guidance of Dr. Geeta Aggarwal.



## **Activities organized by School of Allied Health Sciences and Management (SAHSM)**

### **Student Orientation and Induction Programme – 2022 (MBA-PM, MBA-ITM, MBA-HHM, MPH, M.Sc. AIM and BBA-HC)**

Orientation programme is designed to prepare and motivate students for success, to enable them to start their first day of class with the confidence that comes from knowing how their university works and what they can expect from the environment. Introducing students to university life requires presenting as full a view as possible of all, the university has to offer. In this backdrop, organized a two day orientation and induction programme in order to kick start the Academic Session 2022-23 for the newly admitted postgraduate students of MBA-PM, MBA-ITM, MBA-HHM, MPH, M.Sc. AI in medicine and BBA-Healthcare students on 1st and 2nd of December, 2022, with the support of Patron Prof. Ramesh K Goyal, Co-patron Dr. OP Shukla, Registrar, and under the guidance of the Head of the Department, Dr. Jaseela Majeed.

The inaugural session of Orientation programme commenced at 11 am in the morning by a formal welcome of Dr. Ramesh K Goyal, faculty members, the students, and the Chief Guest of the event Shri PKD Nambiar, who is a renowned author, political analyst, marketing strategist. He is the MD & CEO of Flags Communications, a reputed MARCOM Agency in India and the Founder Director of B-Square Solutions, a software company. A prominent face on National Television, who shares his point of view through various political and business debates on the leading news channels every day. As a columnist, his articles and opinions are regularly featured in all major national and regional dailies.

The program was followed by the invocation ceremony, lightening the lamp, seeking blessings from Goddess Saraswati together with the University song. After being infused with inspiration through the University song, the University's documentary film was presented to introduce the students to the university. Followed by that, the students were addressed by Dr. Jaseela Majeed, who welcomed, and introduced the students to the department and also inspired the students to shine in their field. The students were also addressed by the, Prof. Ramesh K. Goyal, who welcomed and engaged the students in an interactive session.

The students felt motivated and enlightened by his session. He also shared with the students the vision and legacy of DPSRU and milestones achieved. In order to acquaint the students with the various co-curricular activities that they can explore during their journey in DPSRU, the students were addressed by Prof. Rajiv Tonk, Dean Students Welfare, who discussed the strategies of examination, marking scheme and extracurricular activities of the University. After this, the Chief Guest of the program, Shri PKD Nambiar gave an inspiring talk to the students and shared the ideas of his recent book, "You, Too, Can Be a Brand" which is a useful book to those seeking to create or strengthen a personal brand. The students and faculties were really engrossed in his address. The formal vote of thanks was proposed by Dr. Sarika Singh, followed by National Anthem. Post lunch session was on Mandatory skills for Professionals by Ms. Abhilasha Abhay Gupta, Corporate trainer who enlightened the students with her soft skills. Followed that faculty student interaction was organized.

On the 2nd-day of the program, the first session was delivered by Dr. Rachna Chaudhary, Associate Professor, Gender Studies Ambedkar University on Gender Sensitization and elaborated the idea of choice in the context of sexual harassment, followed by Mr. Ajay Tyagi, Corporate Trainer on the topic, "How to create an Impact", and by Mr. Shem Raomi, Head Disaster Management, EHA hospitals on "Disaster Management skills". Post lunch was subject-specific sessions by Mr. Saurabh Kumar, CEO of Lifezest Pharmaceuticals, and Mr. Asaf Shamsi, CEO of Pharmalliance on Opportunities in Pharmaceutical Industry and TRIPS agreement respectively. A parallel session was conducted by Dr. Aqsa Sheikh, Associate Professor, Community medicine department, HIMSR on Transgender Community, and Ms. Divya D Bhasin, Head AI, NMC Genetics on AI in Healthcare.

Yet another session of faculty-student interaction was conducted so that the faculty members can get an opportunity to provide academic advising.

Furthermore, this session was intended to introduce the students with all the faculty members so that they can get direction and guidance for classes, reference books, and many more. Furthermore, the students also had the opportunity to hear from the respective faculty members, who introduced the students to the syllabi, programme structures, summer trainings and internships, under different courses offered by the school. In this connection faculties of SAHSM, Dr Abhishek Dadhich, Dr. Rakhi Ahuja, Dr.Puneeta Ajmera, Dr. Sheetal Yadav, Dr.Kalicharan Sharma , and Dr. Sarika Singh gave an overview about the MBA-PM, MBA-ITM, MPH, MHM, M.Sc. AI and BBA Healthcare programmes respectively and also briefed about the curriculum to be followed during the first semester.



Overall, the event was productive, and it definitely served the purpose of the day in enhancing students' familiarity with the programme, faculties, university campus, its facilities, environment and a plethora of co-curricular activities of the university. The orientation program was aimed to make the students feel comfortable in a new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self and society. The entire session was well moderated and co-ordinated by Dr SimmiVashishtha and Dr. Sarika Singh, under the guidance of Dr.Jaseela Majeed. The success of the 2 day Orientation and Induction program was due to the dedication and wonderful coordination of faculty, staff, and 3rd-semester students of SAHSM and support from Hon'ble Vice Chancellor, Registrar, and Deans of the University.



### **(BMLT, DMLT, B.Sc. Biomedical Sciences)**

The School organized a Student Orientation programme-2022 on 30th November 2022 for the newly admitted Students of Bachelor of Medical Lab Technology (BMLT), Diploma in Medical Lab Technology (DMLT) and Bachelors of Science (Hons) Biomedical Science under the guidance of Dr.Jaseela Majeed. The orientation session was to motivate the students for the new beginning of academic year.

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

She mentioned about the different courses offered by the SAHSM, course overview of BMLT, DMLT and B.Sc Biomedical science, seminars and webinars organized by the school.



The students were then introduced to Course structure and syllabi of various courses: BMLT by Dr. Sachin Kumar, Assistant Professor, SAHSM; DMLT by Dr.Rashi Gupta Assistant Professor, SAHSM; B.Sc. Biomedical science by Dr.Ramsha Iqbal, Assistant Professor, SAHSM. Dr. Saurabh Chaturvedi, Assistant Professor, SAHSM delivered a talk on “Opportunities in Medical Lab Technology” where he motivated students and informed students about various carrier opportunities exists after completing BMLT and DMLT.

### Expert Lecture on Health Systems Strengthening through Disaster Readiness

The School organized an Expert lecture on ‘Health Systems Strengthening through Disaster Readiness’ by Ms. Pooja Saxena, DRR Lead at the Institute for Disaster, Emergency & Accident (IDEA) on 7.12.2022 for newly admitted students of MBA-PM, MBA-PET, MBA-HHM, MBA-ITM, & MPH.



Ms. Saxena has more than 25 years of experience in Disaster Management, Public Communication, and Health Literacy and working at the IDEA. The team IDEA is working in the field of hospital safety, industrial safety, and road safety. It is providing a problem-solving platform using the ACE (Aesthetic Cost-effective Environment friendly) approach.

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

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

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

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



C259, Central Ave, Khanpur Colony, Block C, JJ Colony, Khanpur, New Delhi, Delhi 110062, India



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

She emphasized the role of technology in disaster readiness and explained that both will go hand in hand and focus of G20 as well. It was an insightful & interactive session. The students of MBA shared various problem-solving stories and ideas with her.

School has already signed service agreement with IDEA under the guidance of Dr.Jaseela Majeed, and agreed to work with IDEA to strengthen the global battle against climate change. The entire event was organized by Dr.Jaseela Majeed and got appreciation for organizing such sessions for the students and always fuelling their zeal.

## Expert Guest Lecture Mental Health and Nutrition

The School organized an expert guest lecture on “Mental Health and Nutrition on 25th November 2022 for the students of Master in Public Health, Master in Hospital Administration and BBA (Community Healthcare) Programs. Dr Luxita Sharma, Associate Professor and Head, School of Allied Health Sciences and Management was the resource person. Session started with the felicitation and introduction of the resource person by Dr Jaseela Majeed, Head, School of Allied Health Sciences and Management. Dr Luxita enlightened the students regarding the importance of nutrition in mental health. She stated that a well- balance

diet can help us think clearly and feel more alert. It can also improve concentration and attention span. Conversely, an inadequate diet can lead to fatigue, impaired decision-making, and can slow down reaction time. Session ended with vote of thanks from Dr Puneeta Ajmera, Associate Professor, SAHSM. It was an interactive and thoughtful session and students participated with full enthusiasm.

A day filled with awareness-building exercise thus, reinforced the message that “Food is medicine, and the right kind of a relationship with food can make a positive impact on your mental health.”



## Expert lecture on “Innovative practices during Covid19 pandemic: Experience of a community Health department” by Dr. Abha Mangal

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



having a rich experience in the field of epidemiology and biostatistics, explained the Innovative Practices introduced by the medical team under her guidance during Covid-19 pandemic to reach the needy population of Sunder Nagri where the Community Health Department is situated. Online sessions were conducted by the medical experts to spread the awareness & preventive measures on Covid-19 and also online classes were arranged for the children in Day care centre facility so that their education were not hampered. Under the Mid day meal programme run by the Community Health Department, the parents were asked to collect the food packages for their children to follow the Covid-19 protocols. The ANMs visited the community weekly or after every two weeks and guided the people of the community by regular health communication through health talks. Overall the lecture provided an idea about the success model of the CHD which

helped the society and set an example in the community which could have been possible only by the combined effort and zeal of the staff and medical fraternity of the hospital.

The entire session was well moderated and coordinated by Dr.Puneeta Ajmera and Dr. Sarika Singh, under the able guidance of Dr.Jaseela Majeed.



## Expert Lecture for BMLT and DMLT Students

The School organized an expert lecture on topic Anti-Microbial Susceptibility testing and significance in clinical laboratory on 17th November 2022 at 2:30 PM in offline mode in QIP Hall no 6, second floor, DIPSAR building for third semester students of BMLT and DMLT.

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



Dr. Pankaj Kumar Ghosh gave the introduction to antimicrobial susceptibility testing, set up and requirements of the in person skills needed for the testing in medical laboratory. Also, he talked about the pathogenesis of microbes, how

to prepare their culture and importance of preparation of culture media in antibiotics susceptibility testing of microbes. Further, the students gained the knowledge and information about the basics of microbes morphology, diseases caused by them and which antibiotics are resistant and which are susceptible to the respective microbes.



He also discussed about the use of antibiotics discs in susceptibility testing, American Type Culture Collection (ATCC) and relevant standards required during the testing. On the conclusion of the above lecture, students were able to understand importance of techniques, quality control required for the antimicrobial testing in medical laboratory. Additionally, he encouraged the students to understand the importance of microbiology in the field of medical laboratory and its implication in clinical

significance. Laboratory techniques required to note the antibiotic responses against the microbial diseases were of maximum relevance to the bachelor and diploma students of medical laboratory technology. The interactive lecture gave an opportunity to the students to learn and understand relevance and clinical

implication of the above topic in their future career. The lecture ended with vote of thanks by Dr Saurabh Chaturvedi who wrapped the session with positive remarks. The expert lecture was very well coordinated by Dr. Saurabh Chaturvedi and Dr.Ramsha Iqbal, with the support of Dr.Jaseela Majeed.

## Visit to GB Pant by BMLT and DMLT students

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



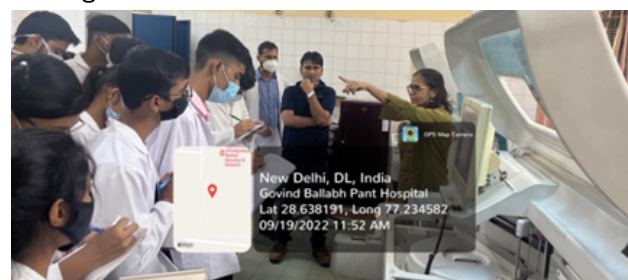
The laboratory visit started with the warm welcome and opening remarks by Dr.Jaseela Majeed to students. After that the students were divided into groups supervised by faculty incharge and were sent to different laboratories on rotation basis.



In Biochemistry laboratory, an introduction to chemiluminescence analyzer was given by the Dr. Bhawana Mahajan, Associate Professor (Biochemistry), G.B.Pant Hospital. Later, the senior technician of the laboratory demonstrated the chemiluminescence

immunoassay to test the hormones, vitamins, cardiac disease biomarkers. It is based on the enzyme labeled antibodies and antigens to detect the small biological molecules required.

In Microbiology Laboratory, a general introduction to bacterial culture, antibiotic sensitivity testing was given by the senior technicians. Demonstration of Bactec bottle, red topped plain container, urine microscopy by using cled media, BACTEC MGIT 960 instrument fully automated system that exploits the fluorescence of an oxygen sensor to detect growth of Mycobacterium, TB testing room was shown to students.



In Pathology Laboratory, brief introduction of various instruments used for performing tissue biopsy was shown to students by Mrs. Deepa, Senior Technician, Pathology department. The techniques used for tissue fixation, dehydration, embedding, sectioning, staining was explained to students in brief.

In Blood Bank, general introduction for blood donation and requirements for donating blood was given by Mrs. Pankaj, Senior Technical Officer, Blood Bank. The demonstration of various instruments used in blood collection by healthy donor, the separation of plasma and cellular components of blood from donated blood, storage of different components was given by technicians. The laboratory visit was jointly organized by Dr Swapan Gupta, Registrar Academic Cell of GB Pant Institute of Post Graduate Education and Research and Dr.Jaseela Majeed, Head, SAHSM, DPSRU which provided opportunities to students to understand the clinical practices. The program was well coordinated by faculty members, Dr .Ramsha Iqbal; Dr. Einstein Charles, Dr. Subodh Kumar, Dr, S.Sivakalai and Ms.SivaniDutt (Hospital Liasoning officer). The 2 day laboratory visit was a great experience and a wonderful opportunity for the students to enhance their practical knowledge and skills. Thanks to Dr.Jaseela Majeed, for providing such opportunities to students and always motivating them to attend them well.

## Participation in 19th HEALTHSUMMIT 2022: The Health Imperative

The Faculty and students of SAHSM participated in the 19th Health Summit 2022, organized by The Confederation of Indian Industry (CII), in New Delhi on 29.11.2022. The theme of this year's summit was – The Health Imperative - Accessibility, Affordability, Accountability, Adaption and Awareness. The event was attended by the students of MHA and MPH program alongwith the faculty members – Dr. Puneeta Ajmera. Dr. Sheetal Yadav and Dr. Sheetal Kalra.

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

Plenary Session 1 was on the Business of Health – Moving towards trust-based care and bridging the Health- wealth gaps. It had the renowned resource persons, included Mr. N K Singh (Chairman, 15th Finance Commission of India, Dr. Devi Shetty (Chairman, Narayana Health), Mr. Venkatesh Ratnasami (Managing Director Sheares India Healthcare), Mr. Himanshu Baid (Managing Director Polymed), Mr. Krishnan Ramachandra (CEO and Managing Director Niva Bupa Health Insurance).

Plenary Session 2 was on 'Health is Not Alone' – Connecting the dots of systematic health literacy, affordability, Universal coverage and value-based pricing. The resource persons included Dr. Shubnum Singh (Principal Advisor - Health Policy Confederation of Indian Industry), Dr. Sudha Chandrashekhar (Executive Director National Health Authority), Dr. Santosh Mathew (Country Lead Public Policy and Finance Gates Foundation), Mr. Krishnan Ramachandran (CEO and Managing Director Niva Bupa Health Insurance) & Mr. Dilip Jose (Managing Director and CEO, Manipal Health Enterprises Pvt. Ltd). The Plenary Sessions in the second half focussed on Disruption in Pharma and Med-tech Sector – Moving up the value chain, Decoding Digital Transformation in Healthcare,

Globalization of Indian Healthcare and Opportunities & Barriers for India to lead the way towards integrative care. Experts from Hospital Industry, Mr. Sai Prasad (Executive Director, Bharat Biotech), Mr. Himanshu (Managing Director, Polymed), Dr. Alexander Kuruvilla (Chief Healthcare Strategy Officer, Practo), & Mr. Pankaj Sahni (CEO, Medanta-The Medicity), talked about the future of health. Other resource persons included were Dr. Renu Swarup, Former Secretary Dept. of Biotechnology, Ministry of Science & Technology, Mr. Naveen Kumar (Special Secretary, Health, Govt. of Andhra Pradesh), Mr. Darpan Jain (Joint Secretary, Ministry of Commerce and Industry).

The program concluded that with India heading towards its year of G20 presidency, Healthcare can take center stage. Healthcare is not just an industry but a collaborative, coordinated & conducive platform for all stakeholders to come together to achieve the "Continuum of Care" as intended goal of India. Our students also had the opportunity to interact with all these eminent speakers.





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

The PHD Chamber of Commerce and Industry has organized an interactive session on EdTech Talk: Unleashing the \$100 billion Potential on Tuesday, 20 December 2022 at, PHD House, New Delhi. The event was attended by all 2nd year MBA students of SAHSM.

The event began with an opening session and welcome remarks from Mr. Shreevat sJaipuria, Chair, PHDCCI's Education Committee, Mr. Saurabh Sanyal, PHDCCI's Secretary General, Mr. Raghav Gupta, Managing Director, India & APAC, Coursera, and Dr. Pankaj Mittal, Secretary General of the Association of Indian Universities (AIU) The entire series was focused on Digital University; Online Certification and Skill Development. The Coursera for Campus served as the event's primary partner with

Apeejay Education and the Jaipuria Institute of Management serving as auxiliary partners. The event witnessed the Release of the white paper Edtech Talk: Unleashing the \$100 Billion Potential by the PhD chamber.

Followed the session, the dignitaries gave lectures on the topic "Digital University: Online Certification & Skill Development." The expert speakers who graced the occasion include the Distinguished Professor at IIIT Delhi, Professor Pankaj Jalote Senior Vice President of Hero Corporate Services, Mr. Nirupam Srivastava Mr. Rohin Kapoor, Co-Founder & COO, MyEdge Mr. Amit Goyal, Head, India & APAC, EdX. The session was very interactive and beneficial to all the students who attended the lecture.



## Vaccination camp on Precaution Dose/ Booster Dose

Community health facility of School of Allied Health Sciences and Management, Delhi Pharmaceutical Sciences and Research University (DPSRU) has organized a Vaccination camp on Precaution Dose/ Booster Dose in collaboration with District Magistrate (DM) South and Chief District Medical Officer (CDMO) South district for students, faculty, staff and family members of DPSRU on 23 September 2022 from 9 am-5pm. The National Technical Advisory Group on Immunisation

(NTAGI) has recommended duration between second dose and precaution dose from existing 9 months or 39 weeks to 6 months or 26 weeks. Both Covaxin and Covishield vaccine were administered during the vaccination camp. The vaccination camp was inaugurated by Prof Ramesh K Goyal, Hon'ble Vice Chancellor DPSRU and around 250 people got benefitted with this vaccination camp. Dr Jaseela Majeed, Head SAHSM coordinated the vaccination drive.

## Activities organized by School of Physiotherapy

### Orientation Programme for BPT & MPT

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

Program started with auspicious lamp lighting followed by University Kulgeet. The eminent guests were felicitated by Prof. Ramesh K. Goyal Hon'ble Vice Chancellor, DPSRU and Prof P K Sahoo Director DIPSAR. Dr. Sheetal Kalra introduced about scheme, syllabus, infrastructure, lab facilities, MoU's and various activities of School of Physiotherapy. All the faculty members were also introduced to the students in her presentation.

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



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

### Educational Visit cum Workshop at NITRD

DPSRU conducted an Educational Visit cum Workshop to NITRD PFT laboratory for demonstration of Body plethysmograph and lung diffusion testing facilities on 26th Sept 2022, 2 -5 pm for 31 students of BPT, MPT and Physiotherapy PhD along with 2 faculty Prof Dr Richa Hirendra Rai and Dr Sheetal Kalra. The workshop was conducted by Prof Dr Rupak Singla Head, Department of TB & Respiratory diseases and PFT Lab Incharge at NITRD, Mehrauli. His team of technicians included Mr Manoj and Mr Satya from the same department who were extremely skilled in their work. Students were abreasted with new guidelines of

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



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



*Students and Faculty of DPSRU at NITRD on 26th Sept 2022*

## World Physiotherapy Day Celebration

On the occasion of World Physiotherapy Day, School of physiotherapy organized a free Health Camp for patients and poster Competition for Students on 8th September 2022 (Thursday).

The health camp was organized in Physiotherapy OPD to set an awareness for patients to indulge themselves into health care and physical activity. Camp Started at 9.00 am sharp, the inauguration of which was done by Dr. O P Shukla (Registrar, DPSRU) Prof. P. K. Sahoo (Director, DPSRU), Prof Geeta Aggarwal (Dean Academics) and Prof Harvinder Popli (Director, SPS) and other members. They put their hands into ribbon cutting followed by Cake Cutting Ceremony.

Camp was attended by more than 50 patients that included patients suffering from Arthritis, low back pain, Adhesive capsulitis, fibromyalgia, cerebral palsy and many more. Assessment, treatment plan and awareness of patients towards their lifestyle ergonomic advice was provided by the Faculty, MPT & BPT Students.

The health camp was followed by active participation of students in Poster Competition, the theme of which was osteoarthritis which is in line with the theme given by World Confederation of Physical Therapy (WCPT) for the year 2022.

Both BPT & MPT students participated in the competition. Poster was Judged by Dr Sushma Telgaonkar (Associate Professor, department of pharmaceutics & Prof Rajiv K. Tonk (Dean Students' Welfare). A great platform was offered to them to showcase their Skills. It inspired them to think and work creatively in order to promote artistic excellence. The first prize winners were MPT students (Kuldeep, Tanya and Azra). They received a cash prize of Rs 5000/-, 2nd prize winner was BPT 2nd Sem student HarkritiGangwani she received cash prize of Rs 3000/- and 3rd prize winner were BPT 2019 batch students(Kashika& Kajal Mathur) they receive cash prize of Rs 2000/-. Beside these 3 consolation prizes of Rs 1000/- each were also received by the students.

## Visit to MCHP MAHE Manipal and KMC Manipal

Bachelor and Master of Physiotherapy program are offered by MCHP, Manipal. Prof Richa H Rai from School of Physiotherapy, DPSRU visited this another state-of-the-art facility designed on 03.09.2022 to meet the international standards and to interact with the revered faculty for future opportunities for collaborative research, networking and liaisons. The Manipal College of Health Professions (MCHP) offers career opportunities in Industrial health, special schools, General fitness and also in profession and research. Prof Richa H Rai met HOD Dr John Solomon, a charming personality well appreciated for his impeccable manners who promised to identify opportunities in future. Also, other faculties whom she met during her visit to different departments of attached KMC hospital which has Physiotherapy Units but is catered to by

MCHP Physiotherapy Department are Dr Girish N, Dr Abraham Samuel Babu, Dr Mukesh Kumar and Dr Anoop Bhat.



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

## DPSRU at Vedanta Delhi Half Marathon 2022

After a long pandemic break of 2 years National Capital Delhi flagged off the Half Marathon organised by Vedanta Group at JLN on 16th Oct 2022. More than 26000 people participated including 29 elite runners and several amateurs. Brightex Synergizer India Pvt. Ltd. – Hyperice set up the recovery zone for the athletes and runners at the JLN stadium where Physios from DPSRU

University volunteered to share their services under the leadership of Prof Richa H Rai from School of Physiotherapy. There was a foot fall of more than thousands in the recovery zone where the students enhanced their knowledge and skills providing normal recovery as well as special treatment as required. This was possible with the joint efforts of Prof Richa H Rai and Dr Sheetal Kalra along with the entire team of School of Physiotherapy.



## Workshop on Visceral Osteopathy

Just like there is a cardiac rhythm, respiratory rhythm there is also a Visceral Rhythm with each breath that a human takes. With each breath all the organs especially in the abdominal cavity move and slide over each other. Constant postures and poor biomechanics can cause these movements to alter that can further lead to discomfort in dermatomes and decrease in function. Visceral Osteopathy is thus useful not only for lower back and hip pains but may also help in cases of

indigestion, chronic constipation and also naval related issues. To abreast our budding physiotherapist with this new form of treatment in medicine a Value added Workshop was organised by School of Physiotherapy DPSRU for the MPT batch students to understand this aspect of Visceral Rhythm. The External Expert Dr AMR Suresh is a MPT in Musculoskeletal and Kinesiological conditions and an Osteopath and Chiropractor.



## Internship Orientation for BPT batch 2018

After the declaration of result of BPT 8th semester Batch 2018 and 2017, an orientation was held in DPSRU SoP in room no 601 on 6th Oct 2022, to convey to the 44 students of Batch 2018 and 1 student of BPT Batch 2017 the mandatory formalities & procedures pertaining to internship, issuance of certificates, other ex-student matters as well as the initiation process of internship and DCPTOT registration procedures after the results are declared. The meeting was chaired by Hon'ble VC sir Prof Ramesh K Goyal and also guided by Dr.O.P.Shukla registrar DPSRU, Prof Geeta Aggarwal, Dean Academics, Prof Rajiv K Tonk, Dean Students' Welfare and attended by expert members Dr Sheetal Kalra HoD Physiotherapy and Dr Richa H Rai (Professor SOP).

MPT students appreciated the new context and the relative thinking this topic gave to them and enjoyed the workshop. They were also evaluated on a short test after the workshop conducted by the external expert.

Faculty members of SoP: Prof Richa H Rai, Dr Sheetal Kalra, Dr Varsha Chorsiya, Dr Savita Tamaria, Dr Jitender Munjal, Dr Parul Sharma, Dr Sapna Dhiman, Dr Tabassum Saher, Dr Neha Kumari also attended the program.



## Editorial Section

“स्वतंत्र हिंद की राजधानीबनी,  
भारतकी तिरंगे सीनिशानी बनी,  
आजादीसे इज्जत तकके सफर में,  
जानेकितने वीरों कीपेशानी बनी,

इसइंद्रप्रस्थ कीभूमि ने,  
कईमहाभारत देखे हैं,  
कितनोंका रणक्षेत्र बनीहै,  
कितनेही शहादत देखेहैं।  
सिरबचाने को तिरपालना मिला,  
रिप्यूजीके अलावा कोईनाम ना मिला,

"अफजल हम शर्मिदा हैं  
तेरे कातिल जिंदा हैं"  
देश के विश्वविद्यालयों में  
ये सोच अभी तकजिंदा हैं?

"भारत तेरे टूकड़े होंगे" वाले नारों कोभूल गए,  
ताहिर हुसैन के हाथों रचित खूनी अफसानों को भूल गए,

तुष्टी करण के काम का अंकित शर्मा का नाम न था,  
तो उसपे खंजर से हुए 52 वारों को भूल गए ।

जब भाडे की भीड शाहीन बाग पर,  
करती नीतियों की निंदाहै,  
तब दिल्ली का दिल दुखता है,  
और इस आवाम परये शर्मिदा हैं।

विभाजनवाली रेखा तोनई थी न,  
तोक्यों पुरानों कोनागरिक अधिकार नमिला?  
सरकारेंमौन रह गईकश्मीरी घर जलनेलगे,  
ऋषिकश्यप की भूमिपर पंडित अंधाधुंधकटने लगे,  
नरसंहारको पलायन कहतीसत्ता की जुबाने,  
अपनेप्यारे भारत मेंब्राह्मण माइग्रेंट बनने लगे।

सिखोंका संहार देखलिया,  
संसदका प्रतिकार देखलिया,  
बाटलाहाउस में जनताद्वारा,  
पुलिसका तिरस्कार देख लिया ।

प्रयोग को संयोग कहकर,  
सरकार से मिटाने वियोग कहकर,  
20 के घाव हरे थे अभी,  
ये आए ट्रेक्टर वाला रोग लेकर।

पूरा वतन तीन रंगों में रंगा वहीं था,  
बस किले की प्राचीर पर तिरंगा नहीं था।

कितनों से लडे ये दिल्ली?  
किस किस से लडे ये दिल्ली?  
आतंकियों से या अपनों से,  
आखिर कब तक लडे ये दिल्ली?

अनेकों दर्द दफन हैं दिल्ली की दीवारों में।  
कुछ खामोश पडे है मां यमुना के किनारों में ।।“

Soni (B pharm 3rd sem)

### मां तुम काव्य कल्पना से परे हो

तुम आशा हो, जिज्ञासा हो,  
जीवन की तुम परिभाषा हो,  
हर प्राण की अभिलाषा हो,  
तुम आशा हो, जिज्ञासा हो,  
जीवन की तुम परिभाषा हो।

जितने भी गम मिलते हैं तुम हंसकर सह लेती हो  
हम ज़रा से होते तन्हा और तुम रो देती हो,  
कैसे ये कला खुद में बसा लेती हो,  
कितनी भी हों कठिनाइयां हमें देखते ही मुस्करा देती हो।

अपने सपनों को त्याग कर, यूं ख्वाइशों से भागकर,  
रातों को जाग कर, बंदिशों को लौंघ कर,  
हमारे सपनों के खातिर सब कुछ सह जाती हो,  
कैसे मां, तुम ये कैसी कर पाती हो।

जब खुशियों ने संग छोड़ दिया,  
परिस्थितियों ने झक झोर दिया,  
सब अपनी ने मुंह मोड़ लिया,  
दिलने स्वयं ही स्वयं को तोड़ दिया,  
तब तुमने जीवन मंत्र सिखाया,

और हमको यह सम झाया,  
मुश्किलें तो छोटी ही थीं, हम यूँही डरे बैठे थे,  
खराब सिर्फ वक्त था, हम ज़िंदगी समझ बैठे थे।  
असीम, अनुपम, अद्वितीय गुणों की धनी हो,  
मां तुम वसुंधरा जननी हो।

तुम यौवन का दर्पण हो,  
हो बच्चों की किलकारी,  
तुम हंसती हो तो मर्डिया,  
हंसती है सृष्टि सारी,  
दिवाकरसा है तेज तुम्हारा,  
प्रभंजन सा है वेगतुम्हारा,  
ये धरती, ये अंबर  
तुम्हें करता नमन समंदर  
तुम्हारे त्याग के आगे  
है दंडवत ये भूमंडल

कल कल बहता जो सागर, उस जल के जैसी निर्मल,  
कलियां भी हैं लज्जती, हो इतनी ज़्यादा कोमल,  
अनंत, अदभुत, अविस्मरणीय गुणों को धरे हो,  
मां तुम काव्य कल्पना से परे हो,  
सचमां, तुम काव्य कल्पना से परे हो।

**Sarvshreshtha Tiwari**  
Student

चदरिया झिनी रे झिनी  
डिपसरू विश्व विद्यालय की चदरिया प्रेमरस से भिनी  
विज्ञान कला साहित्य गुणों से, गोयल सर ने बुनी रे बुनी  
पांच तत्व है इसके अंदर  
विद्याग्यान शोध संगोष्ठी, सुर संगीत से बुनी  
शिक्षक गण है इसके काबिल  
अविरत मेहनत करते हरदम, इक जुट सब हरदिनी  
शुक्लाजी के संचलन मे  
एक एक पगडंडी चढती, आकाश मे लहराती  
चदरिया झिनी रे झिनी  
डिपसरू विश्व विद्यालय की, चदरिया प्रेमरस से भिनी

**अमृता पारले**

में गुणी हु में विषय विद्वान हु  
में भविष्यरचायता में नव रचनाकार हु  
में हु शिक्षक में हु शिक्षक...  
में ही चरित्र में ही योग्यता निर्माता  
में भूत को पढकर वर्तमान सुधारता  
में हु शिक्षक में हुशिक्षक....

में ज्ञान प्रकाश से अज्ञानता को दूर कराता  
में दक्षता और में ही आत्म बल बढ़ाता  
में हु शिक्षक में हुशिक्षक....  
मेंकलमधारकमेंसहजव्यतित्व  
मेंहीविज्ञानमेंहीअनुसंधान  
में हु शिक्षक में हुशिक्षक....

में संत और में ही विद्वानों का बोध कराता  
में ही संस्कार और सभ्यता से अवगत कराता  
में हु शिक्षक में हुशिक्षक....  
देश समाज ने दी है विरासत  
उसे सहजता निश्चल निष्कपट  
नमन में द्वेष नामें अपेक्षाकृत  
में हु शिक्षक में हुशिक्षक....

**-डॉ.अभिषेक दाधीच**

**नए साल में**

दतें है जो भी हैं बुरी, उनको सुधारना है  
खुदको ही नहीं, औरों को भी संभालना है  
दिल से अपने, डर फ़िज़ूल का निकालना है  
किरदार जो भी मिले, शिद्दत से उसमें खुद को ढालना है  
नक्शे पे दुनिया के, नाम DPSRU का और भी निखारना है  
नए साल के पहले दिन से, तब्दील हो जाए सब हकीकत में  
हर ख्वाब को आँखों में, इस तरह पालना है ....

**-डॉ.आकाश मिड्डा**

हमने डूब के देखी है दरियाओं की गहराई, देखी है पुष्पक से आकाश की ऊँचाई,  
और विशाल गोल वसुधा की लंबाई

जग ना जान पाया जल संपदा की गहराई, सर्वोच्च ज्ञान ज्योति, है जिसकी ऊँचाई,  
ये है भारत की वसुधैव कुटुम्बकम् की भावना, जिससे भारत ने जी-२० में जगह है पाई।

ब्रिटेन फ्रांस की मशीन से प्रथम औद्योगिक क्रान्ति आई,  
अमरीका - जर्मन से बिजली द्वारा द्वितीय औद्योगिक क्रान्ति आई,  
चीन कोरिया में कंप्यूटर की तृतीय औद्योगिक क्रान्ति आई।  
इक्कीसवी सदी में रोबोटवाली चतुर्थ औद्योगिक क्रान्ति आई।

कोरोना २०२०-२१ में क्या आया, चारों क्रान्तियों को निःशब्द कर दिया,  
रोबोट तो क्या हवाई जहाज तक ठहर गये, मंदिर, मस्जिद, चर्च और गुरूद्वारे भी बंद हो गये,  
चारों तरफ तमस् छा गया।

हमने डूब के देखी है दरियाओं की गहराई,  
शायद चीन की वजह से विश्व ने लमहों की गलती से सदियों की सजा पाई।

"तमसो माँ ज्योतिर्गमय"  
अंधकार की रात के बाद सवेरा जरूर आता है....  
भारत की सीख "वसुधैव कुटुम्बकम्" ही सामने आई,  
जी-२० में भारत ने अलग पहचान है पाई,  
भारत के मोदीजी ने जी-२० के प्रमुख पद की शोभा है बढ़ाई।

हमने डूब के देखी है दरियाओं की गहराई,  
इसीलिए आजादी की हीरक जयंती से अब भारत में अमृत काल की शान है आई।

अब प्रारंभ हो रहा है नया साल,  
विश्व में नई पंचम औद्योगिक क्रान्ति काल मशीन रोबोटिक्स का मानवीकरण ।

अरे विश्व के साथियों,  
डूब के देखो दरियाओं की गहराई,  
ऐसी क्रान्ति तो भारत में सदियों पहले से आई।

जी-२० की गरिमा अनूठे भारत में है आई,  
२०२०-२१ के तमस के बाद उमंग हैं आई,  
अमृतकाल की ज्योति २०२३ की सुबह है लाई ।

नूतन वर्षाभिनन्दन

प्रो. रमेशके. गोयल  
कुलपति

# News @ DPSRU

**Pharma Pulse**  
Make Ayurveda Popular Through Qualitative Criteria of Continuous Research, Scientific Certification & Technical Parameters: Prez Kovind  
@59th General Assembly of All India Ayurveda Mahasammanan

**Dr Madhu Dpsru**  
Dept of Pharmaceutics, DPSRU in collaboration with Biogeniux Medsystems organized a "Workshop on Bright Field and Fluorescent Imaging by Celena-S: Digital Imaging System"

**Pharma Pulse**  
After Co-WIN, Government Launches U-WIN To Digitise India's Universal Vaccination Programme  
Government launched U-WIN India's universal immunisation programme

**RUBARU**

**Hello DOCTOR**

**5th Convocation Ceremony**

**Watch**

**DIPSAR में 5th कन्वोकेशन डे का आयोजन किया गया, मुख्य अतिथि एलजी इंद्र कुमार सक्सेना रहे**

**DD Urdu Live 24 x 7**

**DELHI || DPSRU का दीर्घांत समारोह || NETWORK10**

**BREAKING NEWS**

**DIPSAR में 5th कन्वोकेशन डे का आयोजन किया गया, मुख्य अतिथि एलजी इंद्र कुमार सक्सेना रहे**

**Mynta - Fashion Shopping App**

**Hardin Harghar Ayurveda Celebration at DPSRU**

**zepto**