



# UNIPHARM FOCUS



## Principal's Message

### "PHARMACISTS AT THE FRONTLINE BEATING THE COVID-19 PANDEMIC"

As the lockdowns are being observed all over the globe and the national level pharmacy professionals are performing frontline roles, this message highlights the role of pharmacists in the COVID – 19 pandemic. Pharmacists globally are providing services amidst pandemic, including TRIAGE services, seeing patients and reducing the patients' burden on health care facilities such as hospitals and good pharmacy practices. Pharmacists are also working to providing home deliveries, as well as dealing with the increasing number of patients coming through to pharmacies with the other ailments. The community pharmacy has a unique

credible role with ease in accessibility. Community pharmacists and their teams are a vital healthcare provider during the outbreak; they remain on the frontline of public health by serving as direct points of access for their patients. Hospital pharmacists have an important role during the outbreak in infection control as well as patient care and support. Pharmacists are an integral component of healthcare performing extraordinary roles in the earlier pandemics and health crisis, with some Ebola and Zika posing global health security risks as well.

**Prof. (Dr.) Alok Mukerjee**  
Principal



### OUR TOPPERS



**Abhishek Shukla**  
B. Pharm I Semester  
88.27%



**Akash kumar**  
B. Pharm III Semester  
85.20%



**Mansi Srivastava**  
B. Pharm V Semester  
88.30%

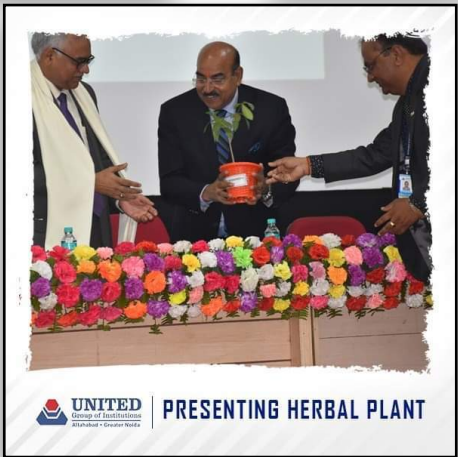


**Jyoti Verma**  
B. Pharm VII Semester  
83.50%

Students of our institution are achieving honours and accolades in Dr. Abdul Kalam Technical University, Lucknow examinations.

# NATIONAL CONFERENCE (CTPNGH-2020)

United Institute of Pharmacy, Naini, Prayagraj organized a two day 1st UP State Convention of Society of Pharmacognosy and National Conference on Current Trends in Phytomedicine & Nutraceuticals for Global Health (CTPNGH-2020) on 7-8 February 2020 in association with Pharmacy Council of India, New Delhi & Indian Society of Pharmacognosy. This two day national conference explored consumption of junk food has increased manifold, which has led to a number of diseases related to nutritional deficiencies. Nutraceuticals can play an important role in controlling them. No wonder more and more people are turning to nutraceuticals. The key objectives of the conference were to focus on recent development in the field of phytomedicine and nutraceuticals with an aim to discuss the ever changing regulatory landscape, consumer trends, innovative technologies and industry- wide challenges in order to remain competitive in a growing market.



# INTERNATIONAL WEBINAR

**International Webinar** held on 10th & 11th June 2020 by United Institute of Pharmacy, Naini, Prayagraj & UCER Greater Noida. Keynote Speaker was Prof. (Dr.) Ranjit Singh, Pro-Vice-Chancellor, Shobhit University, Gangoh, U.P. Other speakers were Dr. Priyank Kumar, Associate Professor, College of Pharmacy, Dept. of Pharmaceutical Sciences, Marshall B Ketchum University, Fullerton, California (Topic-ABC transporters mediated multidrug resistance-associated with cancer chemotherapeutics). Dr. N. P. Yadav, Principal Scientist, CIMAP, CSIR, India (Topic-Phytoconstituents as bioactive for drug delivery). Dr. Preeti K. Suresh, Professor & Director, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (Topic-Recent trends in treating antibiotic resistant ocular infections). Dr. Radhika V. Kumar, Assistant Professor, School of Pharmacy, American University of Health Sciences, California (Topic-Synthesis & Bioevaluation of enzyme inhibitors as potential anti-cancer drug candidate).



# NATIONAL WEBINAR

United Institute of Pharmacy, Naini, Prayagraj organized national webinar on Oceanic Requirements in Healthcare Post Covid-19 Pandemic on 19th May 2020. Keynote Speaker was Prof. Sanjay Jain, HOD, Dr. H.S. Gaur University, Sagar (Topic-Challenge for the Pharmacist in the present and past pandemic COVID-19). Other speakers were Prof. Shubhini A. Saraf, HOD, BBAU, Lucknow (Topic-3D printing and its relevance in post Covid-19 Era). Dr. Anurag Sood, Global Formulations Lead, VMRD Zoetis, Mumbai (Topic-Animal Health Industry, Vet med Resaerch Compare and Contrast with human health COVID-19 Impact) Prof. (Dr.) Krishnamurthy Bhatt, Manipal College of Pharmaceutical Sciences, Manipal (Topic-Carrier Opportunities in Pharmaceutical regulatory Affairs).



# WEBINAR SERIES



Prof. Vimal Kumar Jain, Dean, School of Pharmacy, ITM University, Vadodara delivered a lecture on Herbal Immunity Booster & Covid-19 on 17 June 2020. Moderator of the event was Dr. Arvind K. Srivastava.

Dr. Himanshu Pandey, Deputy Registrar, Central University of Higher Tibetan Studies, Varanasi delivered a lecture on Clinical trials of vaccine on 20 June 2020. Moderator of the event was Dr. Shanti Bhushan Mishra.



Prof. (Dr.) Pushpendra Kumar Tripathi, Associate Dean, Faculty of Pharmacy, AKTU, Lucknow delivered a lecture on Artificial Intelligence: An Effective Tool for Drug Discovery & Drug Development on 27 June 2020. Moderator of the event was Dr. Anil Kumar Singh.

## FACULTY CORNER

Dr. Shanti Bhushan Mishra, Asso. Prof. at United Institute of Pharmacy delivered an invited talk as guest speaker in national seminar on Current Scenario and Future prospects of medicine in health management on 01 February 2020 organized by Department of Pharmacy, MLN Medical College, Prayagraj entitled "Preclinical assessment of anti-hyperglycemic and antioxidant action of indigenous plants in diabetic experimental animals.

**Ph.D degree** awarded to Dr. Anil Kumar Singh, Asso. Prof. at United Institute of Pharmacy from SHUATS, Naini, Prayagraj under the supervision of Dr. Himanshu Pandey and Dr. Arvind Kumar Srivastava, Asso. Prof. at United Institute of Pharmacy from SHUATS, Naini, Prayagraj under the supervision of Prof. (Dr.) Alok Mukerjee.

## RESEARCH PUBLICATIONS

Anil Kumar Singh, Himanshu Pandey, Pramod W Ramteke, Shanti Bhushan Mishra. Nano-suspension of Ursolic acid for improving oral bioavailability and attenuation of type II diabetes: A Histopathological investigation. *Biocatalysis and Agricultural Biotechnology*, 2019, 22: 101433.

Prateek Pandey, Shradha Pandey, Alok Mukerjee. Attenuation of Hyperglycemia in Streptozotocin-Induced Diabetic Rats by *Bauhinia Variegata* Flower Extract. *Journal of Pharma Research*, 2019, 8(11): 676-683.

Nimesh Kumar Dubey, Shanti Bhushan Mishra, Alok Mukerjee, Akanksha Singh. Graphene conjugated usnic acid nano-formulation for the treatment of topical fungal infection. *International Journal of Pharmacy and Pharmaceutical Sciences*, 2020, 12(5): 47-53.

## FACULTY DEVELOPMENT PROGRAMME

Faculty development programme was organized by United Institute of Pharmacy, Naini, Prayagraj from 16-21 March 2020 for strengthening the professional development of the pharmacy faculty members and administrators who deal directly with students. Our goal is to help these educators increase the effectiveness of their teaching, especially in undergraduate & postgraduate programs, so that they are better able to guide students on journeys of inquiry and discovery.



## EDITORIAL BOARD



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## Principal's Message

### Sustainable Pharmacy Education in the Time of COVID-19

Since the outbreak of the novel coronavirus in late 2019 (COVID-19), each day has brought breaking news about the disease, updated case numbers, and intense government announcements. Sudden transition of courses from face to face interaction to remote learning during COVID 19 was a great challenge at United Institute of Pharmacy, yet we were fortunate enough in some aspects as remote learning helped us in undergoing a curriculum transformation that included high rate of active learning, skill development more experiential placements, and a required research project. Although online delivery of the pharmacy curriculum has allowed us to continue training future

pharmacists during this crisis. Indeed, this experience has amplified the need for schools and colleges of pharmacy worldwide to work together. It may also accelerate motivation within pharmacy education to endorse global curricula the way other health professions are considering. Regardless of region, we have a collective responsibility to prepare pharmacy students to be practice-ready and team-ready for now and for the next global pandemic.

**Prof. (Dr.) Alok Mukerjee**  
Principal



## OUR TOPPERS



**Fatima Areesha Islam**  
D. Pharm I Year  
90.0%



**Sandhya Dubey**  
B. Pharm II Semester  
85.8%



**Akash kumar**  
B. Pharm IV Semester  
84.7%



**Mansi Srivastava**  
B. Pharm VI Semester  
89.9%

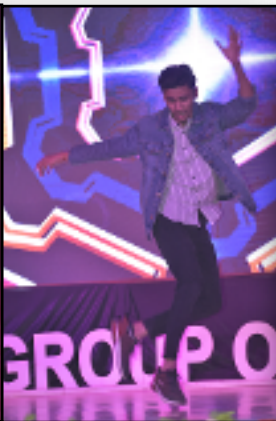


**Saloni Sharma**  
B. Pharm VII Semester  
8.91 CGPA

Students of our institution are achieving honours and accolades in Dr. Abdul Kalam Technical University & Board of Technical Education, Lucknow examinations.

# FRESHERS PARTY (AARAMBH-2020)

United Institute of Pharmacy, Naini, Prayagraj organized freshers party (AARAMBH-2020) for newly admitted students on 3rd January, 2021. In D. Pharm Stream, Md. Masood & Anu Srivastava were awarded with the title of Mr. and Ms. Evening respectively. Mr. & Ms. Personality award was given to Aman Kumar & Vaishnavi Upadhyay. Mr. & Ms. Fresher was awarded to Manish Dwivedi & Shivani Kashyap. In the B. Pharm Stream, Sachin Jaiswal & Arpita Kushwaha were awarded with Mr. and Ms. Evening. Mr. & Ms. Personality award was given to Manish Kr. Pal & Deeksha Rai, while Mr. & Ms. Fresher was awarded to Utkarsh Dwivedi & Isha Vaishya. Senior students gave their full support and participation during the entire program.



# 59TH NATIONAL PHARMACY WEEK

United Institute of Pharmacy, Naini, Prayagraj organized 59th National Pharmacy Week on 26th & 27th November, 2020 on theme Pharmacists: Frontline Health Professionals. D.Pharm, B.Pharm and M.Pharm students participated in NPW celebration. Various Competitions were organized namely E-collage, Essay writing, Extempore, Mask making, Best out of waste, Model making, Ad Mania, Herbarium & Chess (online).



# WORLD PHARMACIST DAY

United Institute of Pharmacy, Naini, Prayagraj organized 59th National Pharmacy Week on 25th September, 2020 on theme Transforming Global Health. Key note speaker was Dr. Neeraj Upmanyu, Professor and Principal, School of Pharmacy & Research, People's University, Bhopal. Various Competitions were organized namely E-poster making & Video Making. D.Pharm, B.Pharm and M.Pharm students actively participated in this virtual WPD celebration and also won prizes.



# GUEST LECTURE

United Institute of Pharmacy, Naini, Prayagraj organized two guest lectures on 2nd & 3rd March, 2021, Dr. Sarita Yadav from MLN Medical College, Prayagraj delivered lecture on Micro & nano based targeted drug delivery systems for periodontal diseases & Dr. Priti Singh from SRN Hospital, Prayagraj delivered lecture on Jan Aushadhi respectively.



## FACULTY CORNER

**Ph.D degree** awarded to Dr. Sunil K. Singh, Asso. Prof. at United Institute of Pharmacy from SHUATS, Naini, Prayagraj under the supervision of Prof. (Dr.) Alok Mukerjee and Dr. Abhishek K. Tripathi, Asso. Prof. at United Institute of Pharmacy from SHUATS, Naini, Prayagraj under the supervision of Dr. Pushpraj Gupta.

## RESEARCH PUBLICATIONS

**Shanti Bhushan Mishra, Nidhi Kumari.** Engineering of crystalline nano-suspension of Lycopene for potential management of oxidative stress linked diabetes through improving oral bioavailability in experimental animals. *BioNanoScience*, 2021, 10(4): doi.org/10.1007/s12668-021-00843-4 (**Scopus and SCI indexed**)

**Arvind Kumar Srivastava, Alok Mukerjee and Abhishek Tripathi.** Antidiabetic and antihyperlipidemic activities of Cucumis melo var. momordica fruit extract on experimental animals. *Future Journal of Pharmaceutical Sciences* (2020) 6:92 (**e-Sci indexed**)

**Paras Gupta, Alok Mukerjee, Anil K. Singh, Bhupesh K. Verma & Sumeet Dwivedi.** Design And Development Of Herbal Tablet Containing Ethanolic Extract Of Diplocyclos Palmatus (L.) Jeffry. For The Treatment Of Inflammation. *European Journal of Molecular & Clinical Medicine*. Volume 07, Issue 09, 2020, 443-452 (**Scopus indexed**)

Neeraj Kumar Shrivastava, **Alok Mukerjee, Sunil Kumar Singh, Abhishek Kumar Tripathi, and Arvind Kumar Srivastava.** Ameliorative Effect of Dried Seed Extract of Prunus dulcis (Mill.) D.A. Webb var. amara (DC.) on Scopalamine-induced Memory Impairment in Rats. *Indian Journal of Natural Products*, 2021, 35, 1, 19-24. DOI:10.5530/ijnp.2021.1.5

Vinay kumar Singh, **Arvind Srivastava,** Preparation of Griseofulvin nano ointment and its antifungal activity. *British journal of Pharmaceutical and Medical Research*, 2020, 5(4): 2540-2547.

Chandra Sen, **Arvind Kumar Srivastava,** Formulation of Econazole nitrateno crystals loaded hydrogel and fungicidal activity. *British journal of Pharmaceutical and Medical Research*, 2020, 5(4): 2548-2555.

**SK Singh, Abhishek Tripathi, A Mukerjee,** H Pandey. Nanoformulation of cinnamon oil/usnic acid blend:-An attempt to improve chemopreventive effect and reduce hepatotoxicity. *Journal of Medicinal Plants*, 2020, 8 (4), 311-316

**Singh Shekhar Gautam** and Sumeet Dwivedi, In Vitro Evaluation of Antimicrobial Activity of Fractions of Delonix Regia Leaf Extracts. *European Journal of Molecular & Clinical Medicine*, Volume 7, Issue 11, 2020.

Shradha Pandey, **Prateek Pandey, Singh Shekhar Gautam,** Jagdamba Singh, Synthesis. Characterization and Antifungal Evaluation of substituted Pyrimidin-2-thione Derivatives. *Research J. Pharm. and Tech.* 2021; 14(1):275-279. DOI: 10.5958/0974-360X.2021.00049.4.

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