



UNIPHARM FOCUS



Principal's Message

Restructuring Pharmacy Education in India as per NEP-2020



National Education Policy (NEP)-2020, a striving policy of Govt. of India to revamp the entire education system in India is now under implementation stage at each level including higher education institutions in India. The policy which was released after herculean exercise of eminent academicians and discussions and deliberations thereafter, places a significant emphasis on nurturing the

creative potential of every individual. The new educational policy will have a great positive impact on the pharmaceutical world. The pattern of undergraduate programme is very suitable and appropriate. Now, we are having diploma in Pharmacy which is a 2 year course, and then the student can opt the bachelor of pharmacy in second year though lateral entry, and then continue the later 3 year course which becomes very time consuming and repetitive. So now, the student will have a 2 year course for diploma and the 3rd year will grant a bachelor's degree and 4th year will be highly devoted to research. The introduction of research in undergraduate programme will flourish the students and they can easily determine their interest. The

Master of pharmacy will also be of 1 year which can be done by the students who have completed their research in undergraduate itself. However, to keep up the industry demands, it becomes necessary to periodically revise the curriculum framework of the academic programs. The Pharmacy Council of India (PCI) an apex body to regulate pharmacy education in India implemented a Uniform Syllabus and Ordinance for UG and PG programs in 2014 to streamline the academic content disparities. Although it served the purpose to a great extent the contents are redundant as per the changing scenarios and skill enhancement of the students to prepare industry-ready professionals. Therefore, there is a pressing need to restructure the pharmacy curriculum following NEP-2020 to prepare technically proficient and ethically sound pharma professionals to cater for the needs of the dynamic pharmaceutical industry. The new education policy will produce a student with great technical skills. In short if the input be good then output will be better. The last but most important thing is that this policy offers a diverse streaming in which students will not be bound to study a particular subject in particular field.

Prof. (Dr.) Alok Mukerjee

Principal

FACULTY DEVELOPMENT PROGRAM



The week-long Faculty Development Program (FDP) organized at United Institute of Pharmacy (UIP), Naini, Prayagraj on 22-27 August 2022. Speaking as chief on 'Recent Advancement in Pharmaceuticals Sciences Research to Revenue at UCER auditorium, Senior vice-president of Zydus Cadila, Ahmedabad Dr. Subhash Pande said that in the era of technology transformation in the Pharma Industry, it is important to understand the current needs of the Pharmaceutical industry and fast changing technology including Automation and digitization. On the occasion, honourable Dr. Jagdish Gulati Sir, President, United Group of Institutions (UGI) extended his best wishes to the participants of the FDP and distributed certificates to them.

AICTE SPONSORED NATIONAL SEMINAR-2022



The United Institute of Pharmacy (UIP) organized two-day National Conference on new approaches and novel therapies of natural product and medicine: strengthening global scenario from 17-18 October 2022. This conference was organized by the sponsorship of A.P.J. Abdul Kalam Technical University and All India Council for Technical Education. The conference was inaugurated by the chief guest Prof. Milind J umekar by lightening the lamp proceeded by the welcome dance by the UIP students. The Vice President Mr. Satpal Gulati address the audience with his motivational and inspirational words. Then prof. P.K. Sharma appreciate the organizing team for conducting the national conference and he also talked about the innovations in pharma profession. Prof. Subhash Mandal enlighten the students with his visionary words and also discussed about natural drugs. Prof. Avani Rai delivered his speech of gratitude and encouraged the theme of the national conference. Technical session encompasses with oral and poster presentations of students from different institutions. The two-day conference witnessed the presence of more than 400 delegates. contemplating the insightful discussions of the eminent speakers and professionals of stimulating technical sessions. The winners of poster and oral presentations were awarded and the winners of different events of AKTU zonal fest were also felicitated by the dignitaries.

61ST NATIONAL PHARMACY WEEK-2022

United Institute of Pharmacy organised two day event on the occasion of National Pharmacy Week 2022 on the theme: Pharmacy of the World - India on 24th & 25th November 2022. Inauguration session was preceded by honorable guest Dr. Parjanya Shukla, Associate Professor and Head of Department, Krishnarpit Institute of Pharmacy, Prayagraj, Prof. Alok Mukherjee, Principal, United Institute of Pharmacy, Prayagraj and dignified faculty members of UIP. Ms Shalini had given vote of thanks of inaugural session. The NPW 2022 event was also comprises of various indoor and outdoor events including: Rangoli Competition, Best out of waste competition, Insta cook competition, kabbadi competition, kho- kho competition, carrom, chess competition, Tug of war, volley ball, video making and various other events. The entire events were coordinated by students of B Pharmacy and M Pharmacy. The valedictory session was preceded by Ms Suman Jaiswal. All the winners received trophies. The event ended with vote of thanks by Ms. Archita Srivastava.



FRESHER'S PARTY



The annual Fresher's party for the M. Pharmacy, B. Pharmacy, and D. Pharmacy programmes at UCER Auditorium, named "Aarambh-2022", was held on December 3rd, 2022. The event aimed to introduce the newly enrolled first-year students to the existing student body. The inauguration of the function involved lighting the ceremonial lamp and garlanding the statue of Goddess Saraswati. The esteemed dignitaries who performed these honours were Prof. H. P. Shukla, Principal of UCER, Prof. K. K. Malviya, Principal of UIM, Dr. Alok Mukerjee, Principal of UIP. During the event, awards were given to outstanding students from different streams. In the D. Pharm stream, the title of Mr. Personality was awarded to Gyanendra, while Ms. Personality was awarded to Pallavi. The coveted titles of Mr. and Ms. Fresher from the D. Pharm stream were bestowed upon Sachin Chaurasiya and Anuradha. In the B. Pharm stream, the eagerly awaited awards of Mr. and Ms. Fresher were given to Ayush Tripathi and Shruti Shukla. The titles of Mr. and Ms. Evening B. Pharm were secured by Dilshad Ahmad and Snehil Tiwari.

WORLD PHARMACIST DAY-2022



The World Pharmacist Day with a theme "Pharmacy United in Action for a Healthier World" was organized at United Institute of Pharmacy (UIP), Naini Prayagraj. The event was held on 26th September 2022. Elocution competition and Poster competition were organized at UIP campus with a theme of "Pharmacy United in action for a healthier world" consisting of sub topics Well being and community pharmacist, Innovation in community pharmacist, Pharmacists always trusted for your health, Moral values and Reputation of a pharmacist, Law concern with pharmacy. UIP Principal, Prof. (Dr.) Alok Mukerjee welcomed the guest Mr. Man Singh, Associate Professor, Motilal Nehru Medical College, Prayagraj by presenting bouquet. Speaking as chief on "World Pharmacist Day" at UCER auditorium, Mr. Man Singh, Associate Professor at Motilal Nehru Medical College, Prayagraj, said the importance of being celebration of World Pharmacist Day and the role of Pharmacist in health care system. HODs along with faculties and students of D.Pharm, B.Pharm and M.Pharm were present on the occasion.

PATENTS

- Title of Invention: Nano-formulation of Graphene-Usnic acid nano conjugate. Application No.20221059868A; Date of publication 28/10/2022; Indian Patent.
- Title of Invention: Formulation of an oil in water nano emulsion of Nirgundi oil. Application No.202022105305.7.; Date of Filing 21/09/2022; Date of Grant 24/11/2022; German Patent.

FACULTY CORNER

Ph.D degree awarded to Dr. Nishi Gupta, Asst. Prof. at United Institute of Pharmacy under the supervision of Prof. (Dr.) Alok Mukerjee, Principal, UIP from AKTU, Lucknow.

TRAINING & PLACEMENT



UIP Placement Cell is playing such a crucial role in connecting undergraduate and postgraduate students with job opportunities. The fact that well-known companies like Alembic Pharmaceuticals, Macleods Pharma, Effectual Services, and RAPL have visited the institute to conduct interviews shows that the institution has established a strong reputation and network within the industry. This bodes well for students' chances of securing quality job offers and gaining valuable experience in their chosen fields.

RESEARCH/BOOK PUBLICATIONS

- Nishi Gupta, Alok Mukerjee, Shanti Bhushan Mishra. Nano-formulation of 4-Hydroxy-3-methoxybenzohydrazide: Preparation, characterization and studies of antihyperglycemic and antioxidant activities as evaluated through amelioration of pancreatic Dysfunction in experimental animals. *Journal of the Indian Chemical Society*, 2022, 99, 100282. <https://doi.org/10.1016/j.jics.2021.100282>
- Amit Kumar Singh, Alok Mukerjee, Himanshu Pandey, Shanti Bhushan Mishra. Miconazole Nitrate-Loaded Solid Lipid Nanoparticle-Based Hydrogel Ameliorate Candida albicans Induced Mycoses in Experimental Animals. *BioNanoScience*, 2022, 12, 512-526. <https://doi.org/10.1007/s12668-022-00948-4> [I.F. 3.0]
- Singh S., Chaudhary V., Mishra S.B., Singh A.K. Euryale ferox Salisb ameliorates arthritis in experimental animals. *Journal of Research in Pharmacy*, 2022, 23(3): 753-769. <http://dx.doi.org/10.29228/jrp.173> [I.F. 0.86]
- Shanti Bhushan Mishra, Divya Rani Sharma, Shradhanjali Singh. Mucuna pruriens (Velvet bean) seed extract ameliorates epilepsy and anxiety against in vivo experimental models: A histopathological analysis. *NeuroQuantology* 2022, 20(8): 3240-3254. doi:10.14704/nq.2022.20.8.NQ44353 [I.F. 0.28]
- Jyoti Nanda, Munesh Mani, Shanti Bhushan Mishra and Neeraj Verma. Phytochemical screening and in vivo antioxidant activity of Plumeria alba leaf extracts in Streptozotocin-nicotinamide-induced diabetic rats. *NeuroQuantology* 2022, 20(16): 3158-3166| doi: 10.48047/NQ.2022.20.16.NQ880320 [I.F. 0.28]
- Singh Shekhar Gautam, Sunil Mistry, Anup Kumar and Raj Kumar. *Biochemistry & Clinical Pathology*. Edition 2022 published by Gyan Publications, Meerut. ISBN: 978-93-93456-32-8.

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A-31/1, UPSIDC Industrial area Naini, Allahabad