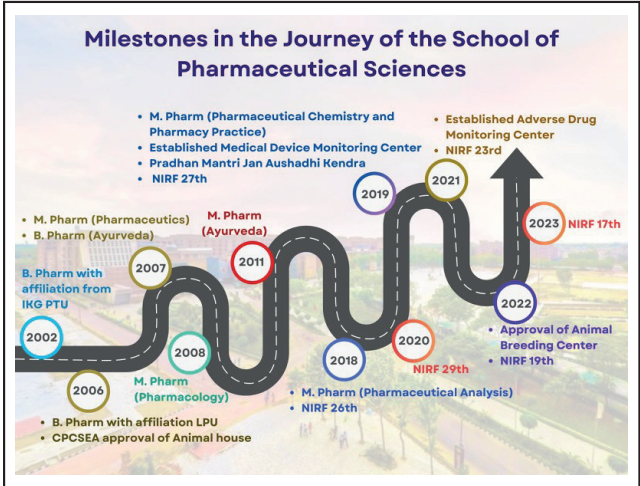


Journey of School of Pharmaceutical Sciences



Research Achievements

Publications

Total 111 scientific papers have been published by faculty members and students with reputed publishers like Elsevier, Springer, Taylor & Francis group etc. A total cumulative impact factor of 382 has been garnered by the researchers of the School.

11 book chapters were published, while 2 books were also edited by the researchers of the School with International publishers like Elsevier, Springer etc.

IPR

Patents granted-3

One Indian patent was granted to Dr. Navneet Khurana and team, one South African Patent was granted to Dr.Jaskiran Kaur and team, while one Indian Design patent was granted to Dr. MVNL Chaitanya and team.

Copyrights granted-4

MoU

MOU was signed between Lovely Professional University, Punjab, and AIMIL Pharmaceuticals Pvt. Ltd., New Delhi, on 9th of February, 2023 to start MSc. in Herbal Cosmetic Science.

MoU was signed between LPU and Komar University of Science and Technology, Iraq, on 15th of April, 2023, for the purpose of academic & research collaboration.

MoU was signed between LPU and Shri Dhanwantry Ayurvedic College & Hospital, Chandigarh on 31th of May, 2023, for the purpose of academic & research collaboration.

Placements

In Bachelor in Pharmacy program, 42 students have been successfully placed in various companies till date.

10 students of B. Pharm were placed at a package of 8 L/annum. These includes Mr. Adarsh Kumar (placed in Extramarks Education India Pvt. Ltd.), Parul Sharma and Harshita (placed in BD ,Becton, Dickinson And Company). Nalam, Mounik, Sachin Kumar, Trivendu Katoriya, Sakshi Jaiswal, Shashank Mishra, and Anjali Kumari (placed in Indivirtus Ab7 Scribing & RCM Pvt. Ltd.)

17 students from M.Pharm programs have been placed till date.

M. Pharm student Prashant Kumar Sahu has been offered a salary package of INR 6 Lakhs per annum by Healthplix Technologies Pvt Ltd.

The highest Internship package for M.Pharm was INR 25,000/month.

29 significant recruiters includes :

- | | | |
|--|--|--------------------------|
| 1. Airblack | 11. IKS Health | 21. Phronesis Partners |
| 2. Amarant Lifesciences Pvt.Ltd. | 12. Indegene Lifesystems Pvt. Ltd | 22. Policy Bazaar |
| 3. Ankerite Health Care Pvt Ltd, | 13. Indivirtus Ab7 Scribing & Rcm Pvt Ltd, | 23. Planet Spark |
| 4. Bd (Becton, Dickinson And Company) | 14. Inmovidu Technologies Limited | 24. Redcliffe Labs |
| 5. Data Bridge Market Research | 15. Meril Life Sciences Pvt. Ltd. | 25. Root Analysis |
| 6. Extramarks Education India Pvt.Ltd, | 16. Metropolis | 26. ScribeEMR |
| 7. Geetanjali Homestate Pvt. Ltd. | 17. Mwidm | 27. Sri Herbasia Biotech |
| 8. Healthplix Technologies Pvt Ltd. | 18. Nobroker | 28. Virohan |
| 9. Hi Tech Formulation | 19. Overseas Healthcare | 29. Zyla Health. |
| 10. IDS Infotech Limited | 20. Orange Health | |

Regulatory challenges to maintain India’s status of “Pharmacy of the World”

Dr. Rajesh Kumar, Professor

According to a study, the Indian generic drugs market stood at USD 24.53 billion in 2022. Indian government bodies and other regulatory agencies have pushed manufacturers to launch effective generic drug products to support and maintain the growth of Pharma market. However, poor quality products have been big challenge in the country. Central Drug Standard Control Organization (CDSCO), in 2018, identified approximately 4.5 substandard generic products of all generic drugs circulated in the Indian market. In the USA, stringent quality control procedures are in place which facilitates periodic quality check procedure. On the other hand, India has a different scenario altogether with widespread corruption making the task tedious. Moreover, the lack of fund, resources and manpower makes it worse to control the situation effectively. With as many as 64 US-FDA inspections in 2022 and 55 so far in 2023, the picture becomes clearer as to why Indian manufacturers are under scanner. Some common observations of these inspections include incompletely written procedures, issues with equipment cleaning procedure involved, untrained personnel, and insufficient control over laboratory procedures. Looking into seriousness of the situation, there is a need to address and overcome these issues. As per the principle of “survival of the Fittest”, India will no longer be of the “Pharmacy of the world” if it maintains the status quo. Higher authorities and regulatory agencies need to consider the situation.

Award of Doctorate Degree



Our faculty member in Pharmacology, Dr. Jaskiran Kaur carried out her research work on the “Development and Optimization of polyethylene glycol methyl ether polycaprolactone based glyburide and vanillic acid co-loaded amphiphilic polymeric micelles for the management of type-2 diabetes mellitus” under the guidance of Dr. Sachin Kumar Singh and Professor Monica Gulati. During her Ph.D tenure, she has published eight papers in reputed journals with an impact factor 93.4 during her research. She has also published two book chapters and filed a patent and copyright for her research work.



Our faculty member in Pharmacology, Dr. Violina Kakoty was awarded Ph.D. degree in December 2022 on “Exploring the neuroprotective potential of autophagy and epigenetic modulation in Alzheimer’s and Parkinson’s Disease associated with brain insulin resistance” under the supervision of Prof. Rajeev Taliyan from Department of Pharmacy, BITS, Pilani, Rajasthan. Moreover, her interest also extends to the development of lentiviral mediated gene delivery for debilitating neurodegenerative complications



Our faculty member in Pharmaceu- tics, Dr. Deepshikha Sharma has completed her Ph.D. research work on topic “Design, Development and Characterization of Ocular Nanostructured Lipid Carriers of 5-Fluorouracil for the treatment of Diabetic Retinopathy” under the guidance of Dr. Sheetu and Dr. Sachin Kumar Singh. During her Ph.D. tenure, she has published four articles in reputed journals

Award of Doctorate Degree



Our faculty member in Pharmaceutics, Dr. Mohhammad Ramzan has completed his Ph.D form University Institute of Pharmaceutical Sciences, Panjab University Chandigarh entitled "Formulation development and evaluation of antifungal agents using lipidic Nano carriers for improved biopharmaceutical attributes". He has been awarded UGC-RFSMS (Research fellowship in sciences for meritorious students) fellowship in the capacity of senior research fellow from 2015-2020. He has published 16 research papers and 01 chapter. He got industrial scale up project form BIRAC (Govt. of India) worth cost Rs. 113 lakhs.



Our faculty member in Pharmacology, Dr. Rakesh Kumar, completed Ph.D., under the supervision of Dr. Navneet Khurana, on topic "Pharmacological Evaluation of Selected Phytoconstituents for Alzheimer's disease using Animal Model", December 2022. His Ph.D. research work has been published in various reputed Journals. with a cumulative impact factor of 50.23.



Our faculty member in Pharmaceutics, Dr. Vancha Harish has completed his Ph.D. on "Development and evaluation of Xanthohumol loaded solid lipid nanoparticles for effective treatment of prostate carcinoma", under the guidance of Dr. Sachin Kumar Singh and Dr. Devesh Tewari. He has published six papers in reputed journals with an impact factor of 28.59 during his research. He has filed a patent and copyright for his research work.

Student Achievements



Ms. Alka Awasthi, student of Ayurvedic Pharmacy, participated as a proud volunteer in Republic Day Parade at New Delhi. She was selected from a crowd of 40 lakh volunteers from all over the India



Ms. Himani was also selected and participated in one of the high-end workshops on "Hands-on Training on High-End State-of-the-Art Scientific Equipment" sponsored by SERB-DST under the 'Accelerate Vigyan' scheme at the Sophisticated Analytical and Technical Help Institute, Banaras Hindu University, Varanasi. The workshop was scheduled from 7th-13th February, 2023. She is among the top 25 participants selected from all over India.

Ms. Himani was selected and participated in the "Skill Development Program on Genomics and Transcriptomic Tools for Women Researchers", scheduled on 7th March, 2023, at the CSIR-Indian Institute of Integrative Medicine Srinagar Campus (CSIR-IIIM). She was selected among the top 40 participants from all over India



Industrial Project.

Mr. Ayush Kumar, student of M.Pharm in Pharmaceutics, under the guidance of Professor Rajesh Kumar, has joined Ph.D. at the University of Newcastle, Sydney in April, 2023 and is currently working on an

Faculty Awards & Recognitions



Professor Sachin Kumar Singh from School of Pharmaceutical Sciences, Lovely Professional University was invited to deliver his expert talk at prestigious University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh on the occasion of "National Symposium-cum-Workshop of Contemporary Trends, Tools and Techniques in Pharma Quality by Design (QbD): From Conceptualization to implementation" on 20-21 April 2023". The topic of his talk was "Role of QbD in solidification of liquid formulations"

Continuing to this Professor Sachin Kumar Singh has delivered an expert talk on "Role of Synbiotics in drug delivery" at Uttaranchal University, Dehradun on 22nd April, 2023 in International Conference on "Innovation in Pharmacy and Pharmaceutical Sciences: From Discovery to Practice."



Mr. Sukriti Vishwas, Associate Professor, School of Pharmaceutical Sciences, received the best poster award in a Conference held at Maharishi Markandeshwar University, Ambala.

Professor Bimlesh Kumar from School of Pharmaceutical Sciences, Lovely Professional University was invited to deliver a talk on "Pharmacotherapy of Neuropathic Pain Using Natural Components: A multifactorial and Unique Support" in the 3rd National Tishk Pharmaceutical Conference on "Recent Advances in Cancer Therapy" on 30th April, 2023.

Sports Meet

Athletic meet 2023 was organized by of Physical Education, on 3rd and 4th 2023. Students and faculty members participated in the different sports events. School of Pharmaceutical Sciences took part in March-past on 3rd March 2023. B. Pharm 3rd year student, Ms. Perna Kapil fetched two medals, Gold Medal in long jump (University record) and Bronze Medal in triple jump, while Saksham, B.Pharm 1st year student managed to qualify for 100m final race. Faculty members participated in the different sports events. Dr. Biplab Pal qualified for the finals in high jump event. School of Pharmaceutical Sciences overall ranked 10th in the Sports Meet.

ECO-ALLIANCE



Environmental Awareness: Climate change and sustainable future of earth.

A spotlight event was conducted by the School of Pharmaceutical Sciences on 20th May, 2023, where students of Pharmacy had showcased their working models representing the effect of climate change, factors affecting climate, resources of energy and promotion to the usage of renewable sources of energy, conservation of water.

Courses for International Delegates

ITEC 2023 (Public Health and Community Care)

ITEC, an inspiring and knowledgeable workshop which witnessed the participation from delegates across the world. The program was held for a period of 2 weeks starting from 10th-25th January, 2023. Delegates from allied profession participated from different countries. The entire program aimed at creating awareness among the delegates about particular key areas of health care such as non-communicable diseases, tobacco and alcohol cessation and its ill effects, lifestyle diseases etc. Lectures were delivered by various experts in the domain.



ITEC 2023, Certificate Course in Pharmaceutical Care in Community Pharmacy

The program was held for a period of 2 weeks starting from 3rd-23rd March, 2023. The entire program aimed at creating awareness among the delegates about Pharmaceutical care service components, Medication therapy management, Medication Error case studies, Patient counseling etc.

Career Awareness Initiatives



School of Pharmaceutical Sciences conducted the one day Preconference Workshop on "Hands-on Training on High-End Instruments and Advanced Tools in Pharmacy" on 14th April, 2023. The students were given exposure to HPLC, GCMS, X-RD, Zeta sizer, DSC, TGA, Fluorimetry etc.

Workshop



Short Term Course on Research & Review Paper Writing and Publication

(6th-10th February, 2023)

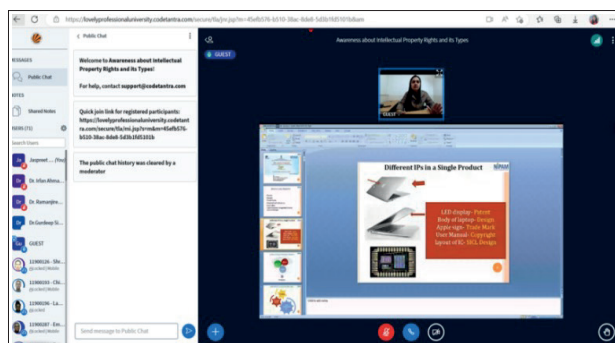
Event started with the welcome remarks by Dr. Sunaina Ahuja, Head-HRDC, Lovely Professional University. Dr. Monica Gulati, Executive Dean, Lovely Professional University inaugurated the session. Dr. Gulati informed about the importance of practical knowledge and improvement of scientific writing.

Guest Lectures

The IPR awareness program was conducted in the School of Pharmacy on 13th February, 2023, organized by Patent and Design cell, DIPR, DRD. Resource person Ms. Shally Choudhary, Indian Patent Office Delhi, Ministry of commerce and industry, Govt. of India emphasized on the need to educate students about the importance of Intellectual Property Rights in the Pharmaceutical industry.

For International Women's Day celebration, celebrated on 10th March, 2023, Dr. Swathi Sudhakar, Assistant Professor, IIT Chennai delivered a lecture on the topic "Young women in research: overcoming research barriers". Dr. Vividha Dhapte Pawar, Associate Professor from Bharati Vidyapeeth orated on the importance of International Women's Day celebration.

An expert talk was delivered on the topic "Young Women in Pharmacy: Overcoming challenges and achieving success", was delivered by Ms. Sakshie Rastogi, Healium Annexe, Mumbai on 10th March, 2023.



Alumni Homecoming



The event started with brief introduction of alumni panel members with students. Mr. Uddipta discussed about decision making, trouble shooting and time efficiency. Mr. Jawinder advised students to utilize the summer term by training in various industries and the wide scope of working in parental sections.

Entrepreneurship Activity

In an effort to foster Entrepreneurship and Innovation, School of Pharmaceutical Sciences, conducted a one-day boot camp for start-ups on 27th February, 2023. The boot camp was attended by over 60 participants from students of various academic backgrounds. The event was organized by the entrepreneurship cell, in collaboration with several industry experts and successful entrepreneurs. Participants were given hands-on training in areas such as market research, product development, and marketing. They were also provided with mentorship and guidance from experienced Professionals in the field.



Students were involved in Preparing Herbal chocolates, Chyavanprash, Herbal baskets, and Herbal cosmetics.

APPROVALS & MEMBERSHIP



PROMINENT RECRUITERS



INDUSTRY-ACADEMIC COLLABORATIONS (MOU)



RESEARCH ALLIANCES



International Conference on Recent Advances in Health Sciences (ICRAHS-2023)



Conference on Recent Advances in Health Sciences, on 14th and 15th April, 2023 in association with Komar University of Science and Technology, Qularaisi, Sulaimaniyah, KRI, Iraq was held. Prof. Dr. Kawis Faraj, Vice President for Academic Affairs, Komar University of Science and Technology, Iraq was Chief Guest of the conference. Dr. Dipak Ramji, Professor & Deputy Head, Cardiff School of Biosciences, Professor of Cardiovascular Sciences, Cardiff University, Cardiff, UK was the Guest of Honour. Dr. Muthu Kumar, Principal Scientist, CSIR-CFTRI, Mysuru, Dr. Deepak Nair, Assoc. Prof., Centre for Neuroscience, IISc Bangalore, Dr. Prem Kumar Indracanti, Scientist 'F' Institute of Nuclear Medicine & Allied Sciences DRDO, New Delhi, Dr. Rajni Jha, Independent Pharma Consultant, Chandigarh, Dr. Vijay Pal Singh, Consultant WHO and Dr. Dave Lewis, Senior Assistant Professor, School of Biological Sciences, University of Leeds UK were the other experts who delivered the lecture.

Rankings

QS world university rankings by subject 2023.

(Pharmacy and Pharmacology)

Ranked 251-300 Globally.

Ranked 9th in India.

ARIIA rankings

3rd Atal Ranking of Institutions on Innovation Achievements (ARIIA)

THE: world university ranking in 2023

8th in Clinical and Health.

12th in Life Sciences

NIRF rankings 2023

17th among all government and private pharmacy institutions in India

Programmes offered

UNDER GRADUATION

Regular

B. Pharmacy
B. Pharmacy (Ayurveda)

Lateral Entry

B. Pharmacy (Lateral Entry)
B. Pharmacy (Ayurveda) Lateral Entry

Departmental significant facilities

Ayushya Vatika (Herbal Garden)
Central Animal House Facility (CAHF)
Medical Device Monitoring Centre (MDMC).
Adverse Drug Reaction Monitoring Centre (AMC).
Central Instrumentation Lab (CIL)
Pradhan Mantri Bhartiya Janaushadhi Kendra (PMBJK)
Research-oriented software like Master-maze, Design expert, Embase J-Gate & CADD.
Library facility with a number of standard books, E-Journals (932) Printed journals (10), newspapers, and magazines (04)

POST-GRADUATION

Regular

M. Pharm (Ayurveda)
M. Pharm (Pharmaceutics)
M. Pharm (Pharmacology)
M. Pharm (Pharmaceutical Chemistry)
M. Pharm (Pharmaceutical Analysis)

Hospital tie-up programme

M. Pharm (Pharmacy Practice) in tie-up with Christian medical college (CMC).

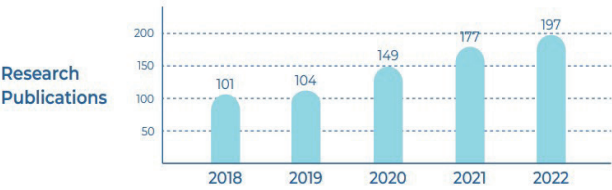
Industry tie-up programme

M.Sc. Herbal Cosmetic Science in tie-up with AIMIL Pharmaceuticals (India) Limited

DOCTORAL

Ph.D. (Ayurvedic Pharmacy) Full Time & Part Time (minimum 3 years)
Ph.D. (Pharmaceutics) Full Time & Part Time (minimum 3 years)
Ph.D. (Pharmacology) Full Time & Part Time (minimum 3 years)
Ph.D. (Pharmaceutical Chemistry) Full Time & Part Time (minimum 3 years)
Ph.D. (Pharmacognosy) Full Time & Part Time (minimum 3 years)
Ph.D. (Pharmacy Practice) Full Time & Part Time (minimum 3 years)
Ph.D. (Pharmaceutical analysis) Full Time & Part Time (minimum 3 years)

RESEARCH ACHIEVEMENTS



20+ Patents Granted (International/National)	30+ Copyrights Granted	50+ Copyrights Filed	100+ Patents Filed	1500+ Cumulative Impact Factor	2000+ Books/Book Chapters/Publications
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