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FACULTY OF APPLIED
MEDICAL SCIENCES

ADVANCING HEALTH THROUGH SCIENCES AND INNOVATION

ABOUT

Lovely Professional University (LPU)

Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programmes. LPU campus is a complete world in itself having students from 28 states of India and more than 50 countries of the world.

LPU is a world class institution with internationally benchmarked curricula, innovative pedagogy focused on experiential learning, cutting edge research, 300+ foreign tie-ups, well qualified faculty with industry exposure, outstanding sports & cultural facilities, excellent residential facilities, In-campus shopping mall, hospital, banks, postal services etc.

The University is ranked high on various parameters by Government Bodies and other credible organisations. LPU receives Highest Grade A++ with 3.68 score on 4 Point Scale by NAAC (National Assessment & Accreditation Council), an Autonomous Institution of the University Grants Commission (UGC), Ministry of Education, Govt. of India. The Times Higher Education World University Rankings 2024 has ranked LPU 25th amongst Top Universities of India (Both Govt. & Private). The University has also been ranked 27th in NIRF Rankings 2024 by the Ministry of Education, Govt. of India amongst all government and private universities in India. Times Higher Education Impact Ranking 2023 had ranked LPU 2nd in India. LPU also has the distinction of being the first private university in India to get ICAR accreditation from Ministry of Agriculture, Govt. of India for its Agriculture programmes





The Faculty of Applied Medical Sciences Departments

Department of Medical Laboratory Sciences

Embark on a journey into the fascinating realm of Medical Laboratory Sciences. This dynamic field encompasses vital aspects of healthcare, from diagnosing diseases to advancing medical research. Discover how our expertise in pathology, microbiology, and clinical biochemistry contributes to improve patient care and shaping the future of medicine

Department of Physiotherapy

The Department of Physiotherapy has been established to promote the growth and development of the physiotherapy profession. Keeping in step with the global trend of healthcare and rehabilitation, the physiotherapy discipline serves the purpose of creating professionals as generalists and specialists in Orthopaedics, Neurology, Cardiopulmonary, Paediatrics, Sports Medicine, Obstetrics and Gynaecology with remarkable clinical training

Department of Pharmaceutical Sciences

The School of Pharmaceutical Sciences is a distinctive institute approved by the Pharmacy Council of India (PCI). It is recognized by various National and International ranking bodies. The curriculum is enriched by academics and industry experts to nurture young brains into responsible Pharma professionals. In addition to the fundamental study, skills are strengthened with significant practical work simulating industrial/clinical set-ups. The school aims to establish an environment for research that will increase awareness and equip students to address problems on a local, national, and international scale.

What is Applied Medical Sciences?

Pharmaceutical Sciences:

Pharmaceutical Sciences is a multidisciplinary field of study that focuses on the discovery, development, production, and regulation of drugs and medications to improve health and treat diseases. It combines principles from various scientific disciplines such as chemistry, biology, pharmacology, biotechnology, and medicine.



Applied Medical Sciences is an interdisciplinary field that combines various scientific disciplines to understand and address health and medical issues. It focuses on the practical application of scientific knowledge to improve health outcomes, enhance medical practices, and contribute to advancements in healthcare. Key components of this field include:

Clinical Practice:

Involves applying medical knowledge to diagnose, treat, and manage patient care. This can include hands-on patient interactions and working within healthcare teams.

Laboratory Sciences:

Involves using laboratory techniques to analyze biological samples (like blood or tissue) to assist in diagnosis and treatment. This includes fields like medical laboratory technology and pathology.

Research:

Emphasizes conducting research to explore new diagnostic techniques, medical treatments, drugs, and technologies. This includes studying disease mechanisms, drug efficacy, and the development of new therapeutic approaches.

Public Health:

Focuses on understanding health trends, disease prevention, and health promotion in populations. This can involve epidemiology, health education, and community health initiatives.

Health Informatics:

Integrates information technology and data analysis in healthcare settings to improve patient care, streamline processes, and enhance research capabilities.

Physiotherapy:



“Pioneering Excellence through Prestigious Rankings and Accreditations”

LPU continues to be a top choice for students worldwide, consistently achieving high ranks in prestigious national and international surveys. Some highlights include:



NAAC A++ Grade

NAAC A++ Grade (Highest in India)



NIRF

Ranked 16th in Pharmacy
NIRF Rankings 2024



NIRF

Ranked 27th in NIRF Rankings 2024



TIMES

Ranked 9th in Times Higher Education
World University Rankings 2025 (India)



IMPACT

2nd in Times Higher Education
Impact Ranking 2024 (India)



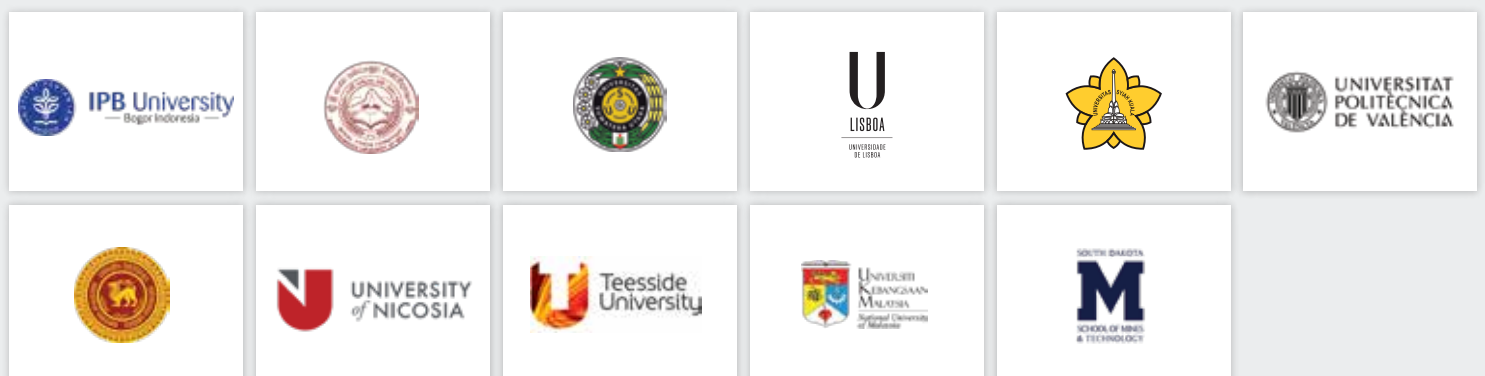
Tie-ups

to Empowering Students Through Industry Connections.

National



International



Breaking Boundaries: Learning Beyond the Norm



Case-Based
Teaching



Collaborative
Learning



Panel
discussion



Clinical Training
Research Projects



International
Competitions



Research Driven
Curriculum



Experiential
Learning



Guest Lectures
& Workshops



Consultancy
Projects



Industrial
Visits



Hospital Rotations &
Physiotherapy OPD's



Industry
Internships



Academic Infrastructure





Non-Academic Infrastructure



Bridging Science and Care:

Explore Allied Medical Sciences

After 10th

Diploma in Medical Lab. Technology (DMLT)

After 12th

Bachelor of Pharmacy (B.Pharm.)

B.Sc. (Medical Laboratory Technology)

Bachelor of Physiotherapy (BPT)

B.Sc. Optometry

Bachelor of Occupational Therapy

After Diploma or Certificate

Bachelor of Pharmacy
(B.Pharm.) [Lateral Entry]

Bachelor of Physiotherapy
(BPT) [Lateral Entry]

B.Sc. (Medical Laboratory Technology)
[Lateral Entry]

After Graduation

M.Pharm. (Pharmacy Practice) in tie up
with Christian Medical College &
Hospital, Ludhiana

M.Sc. (Clinical Embryology) in tie up
with CooperSurgical

M.Pharm. (Pharmaceutics)

M.Sc. (Clinical Microbiology)

M.Pharm. (Pharmaceutical Analysis)

M.Sc. (Clinical Biochemistry)

M.Pharm. (Pharmaceutical Chemistry)

MPT (Orthopedics)

M.Pharm. (Pharmacology)

MPT (Neurology)

M.Pharm. (Ayurveda)

MPT (Sports)

After Post Graduation

Ph.D. (Pharmaceutical Chemistry)

Ph.D. (Pharmacy Practice)

Ph.D. (Pharmacology)

Ph.D. (Clinical Microbiology)

Ph.D. (Pharmaceutical Analysis)

Ph.D. (Clinical Biochemistry)

Ph.D. (Pharmacognosy)

Ph.D. (Physiotherapy)

Ph.D. (Pharmaceutics)

Ph.D. (Ayurveda Pharmacy)

From Campus to Clinic: AMS Placements That Matter

8.4_{LAC}

HIGHEST SALARY
PACKAGE

7.52_{LAC}

AVERAGE PACKAGE
OF TOP 10%

35k

HIGHEST INTERNSHIP/
OJT STIPEND

20+

TOTAL RECRUITERS



Sarvagya Gupta

M.Pharm. (Pharmacology)

Student of M.Pharm. in Pharmacology, has successfully secured a position at IKS Health, reflecting his hard work and commitment to the field.



Sinjini Datta

B. Pharm.

Student in B. Pharm., has successfully secured a position at Cipla, showing her dedication and expertise in the field.



Bhavya Sharma

M Pharm. (Pharmacy Practice)

Student in M Pharm. (Pharmacy Practice), has secured a position at Roots Analysis, reflecting her dedication and hard work in the field.



Vaishnavi

M. Pharm (Ayurveda)

Vaishnavi has successfully secured a position at Tirupati Medicare Limited, reflecting her dedication and hard work in the field.



Guramrit Singh

Placed at Aashakiran IVF

Guramrit Singh, a student of M.Sc. Clinical Embryology, has been placed at Aashakiran IVF as a Junior Embryologist.



Angelamol Sajeev

Placed at Ferty9 Fertility Center

Angelamol Sajeev has secured a position at Ferty9 Fertility Center, highlighting her professional achievements.



Krishnika Thambi

Placed at Ferty9 Fertility Center

Krishnika Thambi has secured a position at Ferty9 Fertility Center. This achievement underscores her professional capabilities.



Harsimar Kaur

Placed at Aashakiran IVF

Harsimar Kaur, a student of M.Sc. Clinical Embryology, has been placed at Aashakiran IVF as a Junior Embryologist.



Mr. Vivek Mishra

Vivek Mishra, an M.Sc. Clinical Embryology student, has secured a position as Senior Clinical Embryologist at Surya IVF, Nepal, marking a significant career achievement.



Sanjan Chorge

Placed at Ferty9 Fertility Center

She has successfully secured a position at Ferty9 Fertility Center. This opportunity reflects her dedication and expertise in the field.



Nidhi Samrat

Placed at Ferty9 Fertility Center

Nidhi Samrat has secured a position at Ferty9 Fertility Center. Showcasing her skills and dedication.



Navneet Arora

Placed at Aashakiran IVF

Navneet Arora, a student of M.Sc. Clinical Embryology, has been placed at Aashakiran IVF as a Junior Embryologist.

Learning from Leaders: Inspiring Allied Health Professionals



Dr. Montu Patel
President - Pharmacy Council
of India

International Conference on recent advances in Health Sciences

Under the theme of "Innovations in Sustainable Health Sciences and Research," this conference brought together leading experts, researchers, and scholars to explore cutting-edge developments in the field. Chief Guest Dr. Montu Patel, President - Pharmacy Council of India shared his valuable insights and expertise.



Dr. Kusum Thakur
Senior Consultant and HOD Department of Transfusion
Medicine, Shrimann Super Speciality Hospital, Jalandhar

Blood Components

An informative lecture by Dr. Kusum Thakur, shedding light on the significance of blood components and their crucial role in patient care.



Dr. Flavia Zacconi
Associate Professor, Department of Organic Chemistry,
Faculty of Chemistry and Pharmacy UC, Pontificia
Universidad Católica de Chile



Dr. Goh Bey Hing
Professor and Head of Centre Sunway Biofunctional
Molecules Discovery Centre, Sunway Malaysia



Dr. Terezinha de Jesus Andreoli Pinto
Professor University of Sao Paulo,
Brazil

Workshop on "Scope of physiotherapy during child bearing years"

The expert provided insights on the "Scope of Physiotherapy During Childbearing Years," emphasizing the significant benefits of physiotherapy for women during pregnancy and postpartum recovery. This approach enhances physical well-being and supports overall health during this crucial period.



Ms. Sakshi Rastogi
Global Client Solutions Partner,
Quantiphi

Awareness and Utilization of AI & ML in Healthcare and Life Sciences

Our expert educates students on the importance and application of AI and ML in healthcare and life sciences, highlighting their potential to transform the industry.

Learning from Leaders: Inspiring Allied Health Professionals



M. Elena Avale

Associate Professor Public University in Buenos Aires, Argentina

International Symposium on Innovation in Neurosciences

The symposium offers in-depth discussions on innovative diagnostics, treatment strategies for neurological disorders and emerging technologies in brain research, fostering collaboration between top neuroscientists and medical professionals.



Dr. Gagandeep Kwatra

Professor & Department of Pharmacology, CMC

Improving Patient Safety: Opportunities and Challenges

She interacted with students of School of Pharmaceutical sciences, discussed the Opportunities and Challenges to improve patient safety since occurrence of adverse events by unsafe care is likely one of the 10 leading causes of death and disability in the world as per WHO.



Dr. Hitesh Manchanda

Senior Manager, Syneos Health Company, India

Clinical Trials Help to Build the Future of Medicine

Globally, there are numerous regulations & requirements on the transparency of clinical trials, depending on the local laws & the type of studies. This presentation is intended to provide an overview of the evolution & current state of clinical trial registration & results disclosure.



Dr. Mandar Bodas

Solution Consultant, Elsevier Pharma & Life Sciences Solutions

Innovative Data Analytics Tool for Pharma Researchers

Lecture helps to understand how data analytics in pharma can help pharmaceutical-sciences to reduce the cost & speed up clinical trials by identifying & analysing various data points such as the participants' demographic & historical data, remote patient monitoring data, & by examining past clinical trial events data.



Ms. Manmeet Kaur

Group Manager, Medical College of Wisconsin, West Indies.

A Career Guide for Medical Scribing

Lecture alights how to succeed as a medical scribe. There are a range of attributes that you must possess, such as being able to communicate effectively with patients & colleagues, as well as having the right qualifications to enter the role & understanding patients' needs & providing reassurance can make all the difference.



Mr. Vineet Rastogi

Founder and Managing Director, Healium.io, Mumbai

Video Conferencing - A Remote Healthcare Practice

Virtual worlds can provide an effective platform for collaborative meetings in healthcare quality improvement. Dr. Vineet Rastogi shared his expert views on using a video conferencing tool is absolutely crucial to running a remote-friendly healthcare practice.



Data Speaks: Research Statistics That Matter



Top Scientist & Punjab Biodiversity Grant Recipient

Dr. Monica Gulati, Professor, is recognized in the World's Top 2% Scientists for 2024 and received a research grant from the Punjab Biodiversity Board.



World's Top 2% Scientists

Dr. Gursharan Singh, Associate Professor of Medical Laboratory Sciences, has been recognized as one of the World's Top 2% Scientists for 2024 by Stanford University & Elsevier.



The SPIRIT project

Dr. Suresh Mani got The SPIRIT project- Sport & Physical Education as a Vehicle for Inclusion and Recognition in India, Indonesia, and Sri Lanka-is an Erasmus+ initiative aimed at enhancing sports education to promote healthy lifestyles and social inclusion in these countries.



Recognized Scientist and SERB-DST Grant Recipient

Dr. Sachin Kumar Singh is recognized in the World's Top 2% Scientists for 2024 and received a SERB-DST grant for his research on SNEDDS for managing diabetes mellitus.



World's Top 2% Scientist-2024

Dr. Bhupinder Kapoor, a renowned Professor, has been recognized in the World's Top 2% Scientists list for 2024, reflecting his significant contributions to the field.



World's Top 2% Scientist - 2024

Dr. Vijay Mishra, a distinguished Professor, has been recognized in the World's Top 2% Scientists List for 2024, highlighting his exceptional Contributions.

School of Pharmaceutical Sciences

1184+

RESEARCH PAPERS PUBLISHED

2050+

BOOK CHAPTER

400+

PATENTS FILED

School of Allied Medical Sciences

250+

PUBLICATION COUNTS

400+

BOOK CHAPTERS

15+

CONFERENCES & WORKSHOPS

10+

COLLABORATIVE RESEARCH

“Honoring Achievements: Transforming Passion into Progress”



Devika Choudhary student of MPT (sports) won gold in All India inter University softball championship at LPU.



Ms. Amruta Nilesh Rupa Sawe won Gold Medal in one act play, Bronze Medal in Skit, Silver in Mime & Folk Orchestra in AIU North zone Patiala 2024.



Celebrated World Physiotherapy Day focusing on Low Back Pain, featured expert talks & workshops, offering students insights into effective pain management & latest technological advancements.



Mr. Nitish Saini, a Master in Physiotherapy (Sports) student, won gold at the AIU National in Bhangra, highlighting his exceptional talent & dedication beyond academics.



Dr. Thiagarajan Subramanian was awarded as the best teacher at THERA Conference.



4th International Conference of Pharmacy In association with Indian Pharmacy Graduates' Association (IPGA) 'Pharmaceutical Innovations and Challenges: Designing a Sustainable Healthy Society.'



Organized International Conference on Recent Advances in Health Sciences-April 2024. Dr. Montu Kumar M. Patel, President PCI, honoured the occasion by attending as the Chief Guest.



Samaksh Tyagi student of M. Pharm was selected for DPSRU as JRF for a project funded by CCRUM, New Delhi.



Dr. Jaskiran Kaur has been honored with the Tynor Research Award 2024, recognizing her significant contributions to research in her field.



Workshop on 'Transforming Excellence in Medical Lab Practice' inaugurated by Honourable Cabinet Minister for Information & Public Relations, New & Renewable Energy, Housing and Urban Development in Punjab Government.



Mr. Sumit Roy student of B. Pharm, batch 2020-2024, achieved the 28th rank in the NIPER JEE 2024.



Dinesh Meher, student of B. Pharm, won a Gold Medal in the men's Doubles event at the SGDAF national badminton championship.

Where Passion Meets Purpose: Celebrating AMS Alumni

Rahul Kumar ▼

B.Pharm

Batch 2017-2021

Rahul Kumar is currently serving as a Drugs Inspector in the Health Department of the Government of Bihar, contributing to public health and safety.



◀ Dr. Ashwani Pandey

MPT Neurology

Batch 2019-2021

Dr. Ashwani Pandey has established a clinic named 'the Rehab Pro' in west Vinod Nagar, Delhi, providing specialized rehabilitation services to enhance patient recovery and well-being.



▲ Geetanjali Mehta

M.Sc. Clinical Microbiology

Batch 2021-2023

Geetanjali Mehta, an M.Sc. Clinical Microbiology student, is working as a Medical Scribe at Virtual Physician Scribes, enhancing her clinical knowledge and professional skills.



Vakil Jagveer Singh ▶

M.Sc. Clinical Microbiology

Batch 2011-2013

Vakil Jagveer Singh, an Embryologist at CooperSurgical, combines expertise in reproductive healthcare & infection control while training others to improve patient outcomes & advance the field.



◀ Dr. Lokesh Narsineni

M.Pharm (Pharmaceutics)

Batch 2011-2013

Dr. Lokesh Narsineni achieved the remarkable milestone of a CTC of 1 crore INR as an Investigator and Subject Matter Expert (SME) at Scribe Therapeutics in California.



◀ Mangesh Pradeep Kulkarni

M.Pharm. (Pharmaceutics)

2019-2021

Mangesh Pradeep Kulkarni, joined the Ph.D. program at the University of Technology Sydney, supported by the prestigious UTS President's Scholarship of AU\$37,000 per annum.



◀ Akshdeep

B.Pharm.

Batch 2004-2008

Akash Deep, achieved the remarkable milestone of a CTC of 1 crore INR as Compliance Director at United Transportation Safety Consultant Inc. in Indianapolis, USA.



◀ Amit Chaturvedi

B.Sc. Medical Laboratory Sciences

Batch 2006-2009

Amit Chaturvedi, Area Sales Manager at Philips, excels in building customer relationship and leads a motivated sales team, driving significant growth in a competitive market.

Where Passion Meets Purpose: Celebrating AMS Alumni



◀ Dr. Md Ariful Islam

**Bachelor of Physiotherapy
Batch 2015-2019**

Dr. Md Ariful Islam student of BPT (Batch 2019) placed as Clinical physiotherapy at Dhakadakhin Physiotherapy & Janosheba Stroke Rehabilitation Centre, Bangladesh.



◀ Mrs. Pritha Roy

**B.Sc. Medical Laboratory Science
Batch 2013-2016**

Ms. Pritha Roy working as Standard Promotion Consultant in Bureau of Indian Standards, Department of Consumer Affairs, Food and Public Distribution.



▲ Dr. Gurpreet Saini

**M.Pharm-Pharmaceutics
Batch 2009-2011**

Dr. Gurpreet Saini holds the position of a lieutenant in the United States Public Health Service Commissioned Corps.



Sharwan Hudda ▼

**M. Pharm (Pharmaceutical Chemistry)
Batch 2021-2023**

Sharwan Hudda successfully qualified in the Knowledge Assessment of Pharmaceutical Sciences (KAPS) exam conducted by the Australian Pharmacy Council.



Suresh Yadav ►

**M.Sc. Clinical Microbiology
Batch 2012-2014**

Suresh Yadav serves as a Senior Clinical Embryologist at Vatsalya IVF & Fertility Centre in Kathmandu, where he contributes significantly to reproductive medicine and patient care.



Dr. Saurabh Satija ►

**M.Pharm (Pharmacognosy and Phytochemistry)
Batch 2009-2011**

Dr. Saurabh Satija, recognized among the World's Top 2% Scientists for 2024 by Stanford University, USA, and Elsevier.



◀ Sumit Roy

**B.Pharm
Batch 2019-2023**

Sumit Roy has achieved the impressive 28th rank in the prestigious NIPER JEE 2024, showcasing his hard work and dedication to his studies.



◀ Tania Kocchar

**B.Pharm
Batch 2013-2017**

Tania Kocchar crossed the remarkable milestone of a CTC of 1 core INR as a Scientist at Johnson & Johnson in New York.

A Campus Built to Inspire







LOVELY
PROFESSIONAL
UNIVERSITY

Transforming Education Transforming India



“JOIN US IN ADVANCING THE FUTURE
OF HEALTHCARE. APPLY TODAY AND
BE PART OF THE CHANGE.”



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