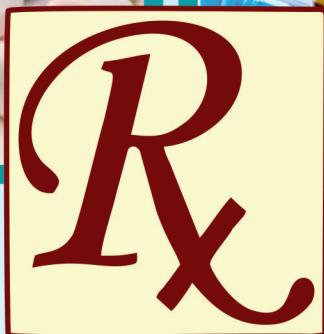


# KOSHI PHARMA

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## VISION



*Annual Magazine*  
**2024-2025**



**LORD BUDDHA**  
**KOSHI PHARMACY COLLEGE**

**📍 BAIJNATHPUR, SAHARSA, BIHAR-852221**



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# Deep Prajwalan

ॐ असतो मा सद्गमय।

तमसौ मा ज्योतिर्गमय।

मृत्योर्मा अमृतं गमय।

दीपज्योतिः परब्रह्म दीपज्योतिर्जनार्दनः।

दीपो हरतु मे पापं सन्ध्या दीपो नमोऽस्तु ते॥



## About our Founder

**Late Dr. Prabhas Kumar Singh  
Founding Chairman**



**W**e pay our deepest tribute to our beloved Founder and Chairman, Late Dr. Prabhas Kumar Singh (13th February 1952 - 21st April 2023), whose vision and dedication gave birth to Lord Buddha Koshi Pharmacy College.

A distinguished medical professional, trained at Darbhanga Medical College and Hospital, Dr. Singh's life was guided by a rare combination of intellectual excellence, social commitment, and moral courage. As a young man, he was actively involved in the Jayaprakash Narayan movement, embodying the values of justice and equality that he carried throughout his life.

With the establishment of Lord Buddha Koshi Medical College, Lord Buddha Koshi Pharmacy College, and later the Lord Buddha Koshi Nursing College, he laid the foundation for a centre of excellence in healthcare education in this region. His dream was not merely to create institutions, but to nurture a generation of professionals who would serve with skill, compassion, and integrity.

Dr. Singh believed that education must extend beyond classrooms—it must shape character, instill responsibility, and inspire service. He envisioned this college as a place where science and humanity walk hand in hand, where students grow into capable pharmacists as well as ethical citizens.

As we present the first annual magazine of Lord Buddha Koshi Pharmacy College, we remember with gratitude his tireless efforts, his unshakable faith and determination in the face of hardship, and his vision of building an institution that uplifts society. His ideals remain our guiding light, and his blessings continue to inspire every step we take.

**-In loving memory of Late Dr. Prabhas Kumar Singh our beloved Founding Chairman**

## About Our President

### Sardar Taranjit Singh President



**M**r. Taranjit Singh, Managing Director of JIS Group Educational Initiatives, is chasing a dream that his father (Sardar Jodh Singh) cherished -to empower lives through knowledge and education. Mr Singh heads the largest education service provider in eastern India, with 25 educational institutes to its credit and an average of 25,000 students enrolled in diverse academic programmes. Mr Singh is widely acknowledged across the region as an educationist and corporate leader. He has created new standards in quality self-financed and practical education and played a pioneering role in laying the foundation of JIS University.

Mr Singh's efforts have been recognised over the years by various groups within and outside the country. The Europe Business Assembly, UK, singled out JIS's initiatives as one of the best enterprises in the sector. In 2013, he was conferred with the title 'Education Evangelist' by ETNow and Skilltree India. Under Singh's leadership, the JIS Group has been identified as the 'Most Promising Brand in Asia 2013-2014' by the World Consulting and Research Corporation (WCRC).

The WCRC also gave Singh an award for being the 'Game Changer of the Year 2015- Business'. Singh is a dynamic entrepreneur who is active in multiple business sectors. In addition to which, his social commitment drives him to engage in various welfare activities.

## Vision Statement

**Dr. Kalyani Singh**  
**Chairman**



**E**xcellence has been the guiding principle of my life and work, whether in the field of medicine or in the stewardship of these institutions. As a gynecologist, I have witnessed how knowledge, when combined with compassion, can change the course of lives. As Chairman, I believe the same holds true for education: when rooted in excellence and humanity, it becomes a force capable of transforming individuals, communities, and society at large.

Lord Buddha Koshi Pharmacy College is not merely an academic institution; it is part of a larger vision that my late husband, Dr. Prabhas Kumar Singh, dedicated his life to—a vision of building centres of learning that uphold the highest standards of integrity, service, and scholarship. To me, this college represents both continuity and promise: continuity of a noble mission, and the promise of future generations who will carry it forward with renewed strength.

My dream for this institution is to see it flourish as a place where education is not confined to textbooks, but resonates as a living experience—where students are shaped not only into skilled professionals, but into thoughtful, responsible human beings; where the pursuit of knowledge is always bound with the call of service. It is my conviction that with dedication, discipline, and compassion, Lord Buddha Koshi Pharmacy College will stand as a beacon of hope and progress for this region and beyond. And as we walk this journey together, we honour the legacy of the past, while steadfastly building the future with courage and conviction.

## Vision Statement

**Dr. Shubham Kumar**  
**Executive Director**



**L**ord Buddha Koshi Pharmacy College stands today as a living expression of my father's vision—an institution rooted in service, excellence, and social responsibility. As Executive Director, my commitment is to carry this legacy forward with new energy and purpose.

In today's world, pharmacy is no longer limited to dispensing medicines; it is at the frontier of healthcare innovation, bridging medical science with patient care, technology, and research. Our college must prepare students not only as skilled pharmacists but also as innovators, researchers, and compassionate caregivers who understand their critical role in shaping a healthier society.

My vision for this institution is threefold:

**Academic Excellence:** To provide world-class teaching and training, blending the rigour of science with the values of ethics and humanity.

**Innovation and Research:** To cultivate curiosity, critical thinking, and research that can contribute meaningfully to the future of healthcare in India and beyond.

**Community Service:** To ensure that our graduates carry a sense of duty to society, serving especially the underserved regions where healthcare is most needed.

As we release this first annual magazine, I see it not just as a celebration of achievements, but as a symbol of the vibrant journey ahead. Lord Buddha Koshi Pharmacy College will continue to grow as a place where learning inspires action, and where every student is empowered to make a difference.

Together—with our faculty, students, and community—we will honour the legacy of our Founding Chairman, Late Dr. Prabhas Kumar Singh by making this institution a beacon of knowledge, compassion, and progress.

# *Message of* **PRINCIPAL**



“If a country is to be corruption free and become a nation of beautiful minds, I strongly feel there are three societal members who can make a difference. They are the father, the mother, and the teacher.

**-Dr. A.P.J Abdul Kalam**

**L**ord Buddha Koshi provides a nurturing and caring atmosphere that helps students develop into strong and compassionate individuals. Our faculty members put a lot of effort into teaching students, not only academic subjects but also the soft skills necessary for their success in respective professional spheres. We place great importance on the moral character, cognitive growth, and behavioural discipline of our students.

As a student you are solely responsible for your own success and destiny. You must always believe that you can. It starts with a dream, add confidence, and it becomes a belief. Add commitment and it becomes a goal. Add action and it becomes part of your life. Add determination and time, and your dream becomes a reality.

As a principal of Lord Buddha Koshi Pharmacy College, I feel honored and privileged to be a part of an educational institution where every stakeholder is a learner and every day is an opportunity to learn and discover. We look at ourselves as a community of learners, where everyone including our teachers, staff and even the student's parents learn continuously.

I wish the best of luck, peace and prosperity to all those who contribute to the noble task of spreading education, and manifest its qualities, aims, and objectives.

*“A calm mind is the  
ultimate weapon  
against any  
challenge in life”*

**Prof. (Dr.) Niyaz Alam**  
Principal, LBKPC, Saharsa

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# MESSAGE FROM THE EDITORIAL BOARD

It gives us immense pleasure to introduce this edition of the department magazine of Lord Buddha Koshi Pharmacy College. This magazine is a modest but genuine effort to reflect the academic success, creative presentations, research work, and co-curricular talents of our students and faculties. Pharmacy is a profession of noble service, scientific innovation, and continual learning. In line with the teachings of Lord Buddha, we strive to seek knowledge with compassion, honesty, and commitment to the well-being of society. We intend to offer a forum through this magazine where ideas can be exchanged, innovations can be showcased, and inspiration can be disseminated.

We extend our deepest thanks to the contributors, mentors, and supporters who have made this issue possible. Let this magazine not only educate and motivate but also kindle the flame of curiosity, responsibility, and excellence in every reader.

## Editorial Board

Dr. Arya Vidyadhari

Md. Asad Alam

Mr. Satyam Priyadarshi

Mr. Shiva Kant Thakur

Dr. Alok Kumar Aditya

Mr. Himanshu Kumar Bharti



**From left to right:** Md. Asad Alam, Mr. Himanshu Kumar Bharti, Dr. Alok Kumar Aditya, Dr. Arya Vidyadhari, Mr. Shiva Kant Thakur and Mr. Satyam Priyadarshi

## OUR FACULTY MEMBERS



**From left to right (Seated)** : Dr. Arya Vidyadhari, Dr. Avinash Kumar Singh, Dr. Sarfaraj Hussain, Dr. Niyaz Alam (Principal), Md. Sohrab Alam, Mr. Sunil Kumar Sinha.

**From left to right (Standing)** : Mr. Abhinav Krishna Jha, Mr. Himanshu Kumar Bharti, Mr. Satyendra Kumar Singh, Dr. Alok Kumar Aditya, Md. Asad Alam, Ms. Omprakash, Ms. Soumya Bharadwaj, Mr. Akhil Kumar, Mr. Shiva Kant Thakur, Mr. Sachin Kumar, Mr. Sanjeev Kumar Singh, Mr. Shree Prakash

# FACULTY THOUGHTS



**Dr. Avinash Kumar Singh**

If you have an idea and someone else has an idea, and you exchange them, now you both have two ideas.



**Mr. Satyam Priyadarshi**

Always stay curious and keep asking questions since learning begins where doubt ends.



**Dr. Arya Vidyadhari**

Let your curiosity be the spark and your discipline the dose – in combination, they will create the future you deserve.



**Md. Sohrab Alam**

Stress does not come from hard work, Stress primarily come from not taking action



**Mr. Shiva Kant Thakur**

न श्वः शवमुपासीत को ही मनुष्यस्य श्वो वेद ।  
Don't rely on karma at all.  
Do your deeds, who knows a man's future?

## OUR DEAR STUDENTS



## OUR DEAR STUDENTS



**B.Pharm**  
**2020-2024 & 2021-2025**



**B.Pharm**  
**Batch 2023-27**



**B.Pharm**  
**Batch 2024-28**

## TOPPER'S THOUGHT



"In pharmacy, learning never ends; the more you explore, the more valuable you become."

-**Jahanavi Kumari**  
(B.Pharm 2020-2024)

"Notes may fade, but concepts stay forever so focus on understanding, not just memorizing."

-**Satyam Kumar Singh**  
(B.Pharm 2020-2024)



"Don't chase marks, chase mastery then success will follow automatically."

-**Deepak Kumar Sah**  
(B.Pharm 2021-2025)

"Every prescription you study today is a life you may save tomorrow."

-**Subham Singh**  
(2021-2025)



"Do your work so well that people are inspired by you."

- **Piyush Raj**  
(B.Pharm 2023-2027)

# LIST OF COURSES CONDUCTING IN COLLEGE WITH AFFILIATIONS

## ELIGIBILITY

**H.S. (10+2) in Science Stream with PCB/ PCM.**

**NO. OF SEATS  
60 Seats.**

## **BACHELOR OF PHARMACY (B. Pharm.)**

Bachelor of Pharmacy (B. Pharm.) is a four-year, full-time degree Programme under Bihar University of Health Sciences, Patna. This Programme consists of theory and practical components, taught and learned through a combination of lectures, laboratory practical's, project work etc.

## ELIGIBILITY

H.S. (10+2) in Science Stream with PCB/ PCM. However, candidates who have passed D. Pharm. Course from an institution recognized by PCI can seek lateral entry to B. Pharm. 3<sup>rd</sup> Semester in directly.

## NO. OF SEATS 60

### FEE STRUCTURE

**B. PHARM (Bachelor of Pharmacy)**

**Course Duration: 4 years**

**Total Course Fee: 4,65,000/-**

**1<sup>st</sup> Yr Fee: 1,20,000/-**

**2<sup>nd</sup> yr Fee: 1,15,000/-**

**3<sup>rd</sup> Yr Fee: 1,15,000/-**

**4<sup>th</sup> Yr Fee: 1,15,000/-**

**Admission Time: 65,000/-**

### DOCUMENTS REQUIRED

Original (Mandatory): CLC & Migration Photocopy with carry Original

- i) +2 Mark sheet & Certificate
- ii) 10<sup>th</sup> Mark Sheet & Certificate
- iii) Adhar card
- iv) 3 Passport Size Photo

### **D.PHARM (Diploma in Pharmacy)**

Course Duration: 2 years

Total Course Fee: 2,15,000/-

1st Yr Fee: 1,15,000/-

2nd yr Fee: 1,00,000/-

Admission Time: 65,000/-

Documents Required

Original (Mandatory): CLC & Migration Photocopy with Carry Original

- i) +2 Mark sheet & Certificate
- ii) 10<sup>th</sup> Mark Sheet & Certificate
- iii) Adhar card
- iv) 3 Passport Size Photo



# MEMORANDUM OF UNDERSTANDING (MoU) AND TIE- UPS

- Lord Buddha Koshi Pharmacy College, Saharsa, signed a Memorandum of Understanding (MoU) with Biotenic Pharma Private Limited, R.V. Northland Institute of Technology, Dadri, Ghaziabad, and MLS college, Aurangabad, Patna.
- This Memorandum of Understanding (MoU) establishes a collaborative framework highlighting shared objectives in pharmaceutical research and development. The MoU outlines parties' intent to combine expertise, resources, and technology to enhance product development, research projects, and innovation in pharmaceutical and biotech fields.



## NATIONAL PHARMACY WEEK

National Pharmacy Week was celebrated by the department that reminds the vital role of pharmacists in the healthcare system as medicine experts, patient counselors, and guardians of safe and effective therapy. Faculty and students actively participated to showcase their knowledge and commitment to the pharmacy profession. The event not only strengthened professional pride but also inspired students to contribute towards a healthier society.



## EVENTS AND CELEBRATIONS

### FRESHER'S PARTY

The Fresher's Party is not just an event, but a beautiful tradition where seniors extend a warm welcome to the new batch of budding pharmacists. It marks the beginning of their academic journey, filled with knowledge, growth, and countless memories. The celebration is a perfect blend of fun, music, and laughter, spirit of togetherness and the vibrant culture of our institution. With cheerful performances, and heartfelt interactions, reminds us that pharmacy is not only about learning in laboratories but also about sharing experiences and building a supportive community.



### SARASWATI POOJA



या कृन्देन्दु तुषारहारधवला या शुभ्रवस्त्रावृता ।  
या वीणावरदण्डमण्डितकरा या श्वेतपद्मासना । ।  
या ब्रह्माच्युत शंकरप्रभृतिभिर्दैवैरु सदा वन्दिता ।  
सा मां पातु सरस्वती भगवती निःशेषजाड्यापहा । ।



On the auspicious occasion of Saraswati Pooja, students and faculty gathered to invoke the Goddess of learning and pray for academic excellence.

Saraswati Pooja fills the atmosphere with positivity and reverence for the Goddess of Knowledge.



## WORLD PHARMACIST DAY

“Behind every successful therapy stands the dedication of a pharmacist.”



The department enthusiastically celebrates World Pharmacist Day on 25<sup>th</sup> September with engaging activities, expert talks, and student participation, highlighting the crucial role of pharmacists in advancing healthcare.

### BLOOD DONATION CAMP

A Blood Donation Camp was successfully organized by our department, encouraging voluntary participation from students and faculty. This initiative reflected our commitment to community service and the promotion of health and humanitarian values.



## TEACHERS' DAY

"A teacher is the best catalyst in the formulation of a student's future."

Teachers are the true formulators of one's life. Just as a pharmacist ensures the right drug at the right dose, teachers give the right knowledge at the right time. In the world of pharmacy, teachers are not only mentors but also guides who instill discipline, ignite curiosity, and inspire service to humanity.



Teacher's Day was celebrated in the department that created a joyful and emotional atmosphere, strengthening the bond between teachers and students and reminding everyone of the noble role educators play in society.



## AWARDS DISTRIBUTION

"Awards are not just trophies, they are reminders of the dedication behind success."



## HEALTH AWARENESS CAMP

The department organized a Health Awareness Camp at Kendriya Vidyalaya, Saharsa, to spread knowledge about healthy living and preventive healthcare. Faculty members and students were involved to make the program engaging and impactful that encourage students to adopt good health practices.



## HERBAL GARDEN

The Herbal Garden at Lord Buddha Koshi Pharmacy College serves as a living repository of medicinal plants, bridging traditional knowledge with modern pharmacy education. Students explore the identification, cultivation, and therapeutic uses of herbs. This green initiative promotes awareness about natural remedies and supports sustainable healthcare practices.



## PLANTATION DAY

Plantation Day was celebrated with great enthusiasm, where students and faculties joined hands to plant saplings across the campus. The event highlighted commitment to environmental sustainability and inspired everyone to contribute towards a greener future.



## YOGA DAY



Lord Buddha Koshi Pharmacy College celebrated International Yoga Day on 21<sup>st</sup> June 2025 with great spirit.

The event emphasized the importance of yoga in maintaining a healthy and balanced lifestyle.



Faculties participated in a guided yoga session focusing on physical fitness, breathing techniques, and mental well-being.



## DIWALI CELEBRATION



The department lit with joy and colors as students celebrated Diwali by making beautiful rangolis and lighting diyas.



## REPUBLIC DAY



Republic Day was celebrated with great patriotism by the students and faculties. The flag hoisting followed by the national anthem filled the campus with pride.



## ANTI-RAGGING WEEK

As part of Anti-Ragging Week, students of Lord Buddha Koshi Pharmacy College performed an impactful play to raise awareness about the ill effects of ragging. The play highlighted the importance of a safe and respectful campus environment and encouraged students to stand against any form of ragging.



# RESEARCH AND INNOVATIONS

## PAPER PUBLISHED

1. **Alam MN and Hussain MS** published a paper on Ameliorative effect of ethanolic extract of moringa oleifera leaves in combination with curcumin against PTZ-induced kindled epilepsy in rats: in vivo and in silico. *Pharmaceuticals.* 2023 Aug 30; 16(9):1223.
2. **Alam MN** published a paper on *Coleus forskohlii* shows anti-psoriatic activity in imiquimode-induced psoriatic rats. *Asian Pacific Journal of Tropical Biomedicine.* 2024; 14(2):140-145.
3. **Alam MN** published a paper on Nephroprotective Effect of Bergapten against Cyclophasmide Mediated Renal Stress, Inflammation and fibrosis in Wistar rats: Probable role of NF-KB Signaling Molecule. *ACS OMEGA.* 2024; 9:18290-18301.
4. **Alam MN** published a paper on Antidyslipidaemic evaluation of coagulin C and withacoagulin isolated from *Withania coagulans* (Stocks) dunal berries in hypertension induced secondary dyslipidemia in albino mice. *South African Journal of Botany.* 2024 Sep 1;172:321-39.
5. **Hussain MS** published a paper on Isolation, Characterization, and Anti-Inflammatory Effects of  $\beta$ -Sitosterol- $\beta$ -D-Glucoside from *Hygrophila auriculata*: Experimental Validation, Molecular Docking, and Molecular Dynamics Simulations. *Chem Biodivers.* 2025 Mar;22(3):e202401927
6. **Alam MN and Hussain MS** published a paper *Coleus forskohlii* shows anti-psoriatic activity in imiquimod-induced psoriasis rats. *Asian Pac J Trop Biomed* 2024; 14(9):p 382-390
7. **Hussain MS** published a paper on Therapeutic potential of medicinal plants and their bioactive constituents in liver disease management.” Submitted for publication in *Naturalista Compano Journal.* 28(1),2024, 3453-3481.
8. **Vidyadhari A and Singh AK** published a paper on Investigation of Luliconazole-Loaded Mucoadhesive Electrospun Nanofibers for Anticandidal Activity in the Management of Vaginal Candidiasis. *ACS omega.* 2023 Nov 5;8 (45):42102-13.
9. **Vidyadhari A and Singh AK** published a paper on Drug-loaded electrospun nanofiber for Vulvovaginal candidiasis: A systematic literature review. *Clinical Epidemiology and Global Health.* 2023; 1;24.
10. **Singh AK and Vidyadhari A** published a paper on Effect of Imatinib treatment on renal anaemia in chronic myeloid leukemia patients. *Journal of Oncology Pharmacy Practice.* 2023;29 (8):1928-1934.
11. **Singh AK** published a paper on Prevalence of anemia among chronic myeloid leukemia patients treated with Imatinib: A evidence based meta-analysis, *Current Reviews in Clinical and Experimental Pharmacology* 2023; 17.
12. **Vidyadhari A** published a paper on Deciphering the role of gut metabolites in non-alcoholic fatty liver disease. *Critical reviews in microbiology.* 2023 Nov 2;49(6):815-33
13. **Alam MS** published a paper on “Effect of Europinidin-o-methylated anthocyanidin on scopolamine -induced memory impairments by improving neurological expression: An integrated with insilico and ADMET properties by computational analysis”. *Learning and Motivation*, Vol. 91, 2025, pg. 102161.
14. **B Soumya and K Omri** published a paper on “Natural Origins, bioavailability & Therapeutic Potential of Astaxanthin: A Systemic review across diverse health applications” in *African journal of biomedical research* in 2024. AFJBS-5929-5939.
15. **B Soumya and K Omri** published a paper on “Formulation and evaluation of transdermal patches containing *Ocimum sanctum* Linn.: Formulation, Physicochemical Properties and antimicrobial activity assessment.” in *African journal of biological sciences* in 2024. AFJBS-2024 2625.
16. **B Soumya** published a paper on “Synthesis and In- silico Design of Gallic Acid Derivatives” in *International journal of Innovative Science and Research Technology* in 2023. ISSN No.- 2456-2165.
17. **Thakur SK** published a paper on The Pharmaceutical Polymer's; A current status in drug delivery: A Comprehensive Review. *Journal of Survey in Fisheries Sciences.* 2023;10(1):3682-92.
18. **Thakur SK** published a paper on “The Advanced Approach in The Development of Targeted Drug Delivery (TDD) With Their Bio-Medical Applications: A Descriptive Review” in *international neurourology journal*,2023:27(4).
19. **Thakur SK** published a paper on “A Recent Computational Approach Against Monkey Pox Virus ” in *GOYA Journal*,2023:16(5):480-490

## BOOK/BOOK CHAPTER (2024-2025):

1. **Singh AK and Vidyadhari A** authored a book chapter “Recent Clinical Trials of Nano erythrocytes in Cancer” published in CRC Press (Taylor and Francis Group) in July 2025.
2. **Vidyadhari A and Singh AK** authored a Book Chapter “Immunogenicity of Cell-Based Therapy” published in CRC Press (Taylor and Francis Group) in July 2025.
3. **Singh AK** edited the book "Futuristic Trends in Pharmacy & Nursing," Volume 3, Book 20 (2024), published in the IIP Series.
4. **Alam MS** authored a book titled *Guide to Pharmaceutics: As per PCI Syllabus*, published by Shaswat Publication, 2024

## PATENTS (2024-2025):

1. **Prof. Niyaz Alam** published a patent on Synergistic protection of lycopene and curcumin against PTZ induced kindled Epilepsy (202311061664A)
2. **Prof. Niyaz Alam** published a patent on Herbal drug in combination with isolated compound for treating PTZ induced kindled Epilepsy (202311010694A)
3. **Prof. Niyaz Alam** published a patent on Herbal formulation for anti-urolithiatic activity in wistar rats. (202411079617A)
4. **Prof. Niyaz Alam** published a patent on Efficacy of Polyherbal formulation on Hepatocellular Carcinoma in Wistar Rats. (202541067893A)
5. **Dr. Arya Vidyadhari** has published an Indian patent on “Machine learning-based Bifeo3 nanoparticles for improved photocatalytic environmental applications” in July 2025.
6. **Mr. Shivakant Thakur** published “Device for Developing Niosomal Suspension in Targeted Tuberculosis Drugs” [International UK Patent] in October 2024.
7. **Mr. Shivakant Thakur** published “Novel Design for a Drug Delivery Device” [International UK Patent] in August 2024.
8. **Mr. Shivakant Thakur** published “Ultrasonicator Apparatus for Synthesis of Niosomes” [Indian Grant Patent] in October 2024.
9. **Soumya Bharadwaj and Ompi Kumari** grant a patent on “Compact and reusable patch pump for continuous Insulin Delivery.” in 2025. Registration no.-L-163489/2025.
10. **Md. Sohrab Alam** published on 'Automatic rotary monoblock bottle filling machine' in Nov 2024. (Design no. 416526001)

## AWARDS (2024-2025):

1. **Prof. (Dr.) Md. Sarfaraj Hussain** has received International Academic Grant from 7th International Meeting on Intestinal Diseases in conjunction with the Annual Congress of the Korean Association for the Study of Intestinal Diseases (2024)” held at Seoul, South Korea on April 6<sup>th</sup> to 8<sup>th</sup>, 2024. (PF0082). (500 USD).
2. **Prof. (Dr.) Md. Sarfaraj Hussain** has received International Excellent Poster Award at Seoul International Digestive Disease Symposium 2024” held at Seoul, South Korea on April 20<sup>th</sup> to 21<sup>st</sup>, 2024. (EPO-04). (200 USD).

## CONFERENCES/WORKSHOPS/FDPs (2025)

1. **Prof. Niyaz Alam** attended an International Conference on AI Frontier in Health Sciences:Unveiling New possibilities and challenges organized by Metro college of Health Sciences and Research on 29<sup>th</sup> March, 2025.
2. **Dr. Avinash Kumar Singh** attended e-workshop on “Systematic Literature Review” from 19-20 July 2025 organized by Commacad Team.
3. **Dr. Avinash Kumar Singh** attended e-webinar on “The Step-by-Step Guide on How to Write a Literature Review” held on 16<sup>th</sup> Feb. 2025 organized by Research Graduate.
4. **Dr. Avinash Kumar Singh** attended 7 days National e-Workshop on “Statistical Data Analysis using SPSS” from 21-27 Jan, 2025.
5. **Dr. Avinash Kumar Singh** attended hands-on 5 days National Level Faculty Development Program (e-FDP) on JAMOVI and Systematic Literature Review (SLR) from 27<sup>th</sup> -31<sup>st</sup> July 2025 organized by Ideal Institute of Academic & Research Advancement (IIRA).
6. **Dr. Arya Vidyadhari** attended e-workshop on “Systematic Literature Review” from 19-20 July 2025 organized by Commacad Team.
7. **Dr. Arya Vidyadhari** attended hands-on 5 days National Level Faculty Development Program (e-FDP) on JAMOVI and Systematic Literature Review (SLR) from 27<sup>th</sup> -31<sup>st</sup> July 2025 organized by Ideal Institute of Academic & Research Advancement (IIRA).
8. **Dr. Arya Vidyadhari** attended five days skill development programme of Pharmacovigilance Programme of India by IPC, Ministry of Health and Family Welfare, Govt. of India from 18<sup>th</sup> to 22<sup>nd</sup> August 2025.
9. **Md. Sohrab Alam** attended the international conference titled 'Almost Impossible to Launching a Patented Pharmaceutical Product in India' and was honored with a Certificate of Excellence, along with the Prestigious Young Scientist Award 2025."
10. **Md. Sohrab Alam** attended an international conference on “Transformative Trends in Drug Discovery and Delivery: Exploring Next-Generation Therapeutics and Technologies”, organized by Ram-Eesh Institute of Vocational & Technical Education, Greater Noida, held on the 21st and 22nd of March 2025.
11. **Mr. Satyam Priyadarshi** attended two days of the international conference ISFCON-2025“Fostering Collaborations in Pharmaceutical Research: innovation and AI” organized by ISF College of Pharmacy, Moga, Punjab, held 8<sup>th</sup>-9<sup>th</sup> March 2025.
12. **Mr. Satyam Priyadarshi** attended an international conference on “transformative trends in Drug Discovery and Delivery: Exploring next generation therapeutics and technologies” held on 21st and 22nd March, 2025, at RAM-EESH Institute of Vocational & Technical Education.
13. **Ms. Soumya Bharadwaj** attended Academic seminar on Pharmacists Practitioners and Pharmacovigilance- The Road Ahead by IndianPharmaceutical Association and Shri Guru Ram Rai Institute of Technology, Dehradun, 2025.
14. **Ms. Soumya Bharadwaj** attended Entrepreneurship awareness by EDII in DIT University, Dehradun, 2025.
15. **Ms. Ompi Kumari** attended academic seminar on Pharmacists Practitioners and Pharmacovigilance- The Road Ahead by Indian Pharmaceutical Association and Shri Guru Ram Rai Institute of Technology, Dehradun, 2025.
16. **Ms. Ompi Kumari** attended Entrepreneurship awareness by EDII in DIT University, Dehradun, 2025.
17. **Dr. Alok kumar Aditya** attended International Conference ISFCON-2025 “Fostering Collaborations in Pharmaceutical Research Innovation and AI, organized by ISF College of Pharmacy, Moga.
18. **Mr. Himanshu Kumar Bharti** participated in the Pre-Conference workshop on: HPTLC Analysis of Phytopharmaceuticals, during the International Conference on "Navigating the Future of Pharma & Biotech Industry: Harmonizing the Industry and Academia", held on 20 March, 2025 at Dibrugarh University, Assam, India.

19. **Mr. Himanshu Kumar Bharti** participated in the Virtual National Conference on "Research Methodology" (Theme: Fostering Research and Innovation in Pharmacy) organized by Guru Gobind Singh College of Pharmacy, Haryana in collaboration with ARP on 09 January 2025.
20. **Mr. Himanshu Kumar Bharti** attended the National Seminar on "Climate Change and Environmental Degradation" held on 11 January 2025 at Tripura University, Organized by the Breakthrough Science Society, Tripura Chapter and the Center for Promotion of Science, Department of Physics, Tripura University.
21. **Mr. Himanshu Kumar Bharti** attended the E-Conference on National Pharmacy Education Day held on 6th March 2025, organized by Pharma Lok. The event was conducted on the auspicious occasion of the 123rd Birth Anniversary of Prof. Mahadev Lal Schroff, and centered around the theme "Innovating Pharmacy Education for a Healthier Tomorrow.
22. **Mr. Himanshu Kumar Bharti** attended Pharma Anveshan 2025, organized on 6th March 2025 by Bharat Pharmaceutical Technology, Amtali, Agartala, Tripura (W), in celebration of National Pharmacy Education Day.
23. **Mr. Himanshu Kumar Bharti** attended CPA's live webinar on "AI in Clinical Research," held on 23rd March, 2025.
24. **Mr. Himanshu Kumar Bharti** attended the Virtual Symposium titled "Parkinson's Disease: From Molecular Insights to Therapeutic Innovations" held on April 11, 2025. The event was organized by the Department of Pharmacology and Toxicology at NIPER, S.A.S. Nagar, on the occasion of World Parkinson's Day.
25. **Mr. Himanshu Kumar Bharti** successfully completed an online self-paced lecture on "Good Regulatory Practices in the Regulation of Medical Products" on 19th April, 2025 jointly developed by the Central Drugs Standard Control Organisation (CDSCO), World Health Organization (WHO) India Country Office, Biotechnology Research and Innovation Council (BRIC), and the Translational Health Science and Technology Institute (THSTI), under the Department of Biotechnology (DBT), Government of India.
26. **Mr. Himanshu Kumar Bharti** attended the Career Guidance Webinar conducted on 3rd July, 2025, organized collaboratively by the Indian Pharmaceutical Association - SF and Skill Dunia.
27. **Mr. Himanshu Kumar Bharti** successfully completed professional training programs offered by the BioPharma Institute on March 16, 2025, titled: *Introduction to Good Manufacturing Practice (GMP), An Abridged Course*, focused on the essential principles of GMP, highlighting the standards and guidelines necessary to ensure product quality and compliance within the pharmaceutical industry.
28. **Mr. Akhil Kumar** delivered Oral Presentation on "Design, Development and Evaluation of Chitosan-based Dry Powder Inhalation Formulations Incorporating Antifungal Agents for Pulmonary Fungal Infections" at AI Health Fusion – 2025 held on 29<sup>th</sup> March – 2025.
29. **Mr. Akhil Kumar** participated in the National Conference on "Advancing Pharmaceutical Research: Methodologies in Innovative Drug Delivery, Phytopharmaceuticals and Healthcare Policy Integration" held on 21<sup>st</sup> January - 2025.
30. **Mr. Akhil Kumar** participated in the webinar on "Upcoming Bachelor of Pharmacy Curriculum" conducted by Bihar state Branch the Indian Pharmaceutical Association (IPA) on 24<sup>th</sup> Aug 2025.



## FACULTY PROFILE



**Prof. (Dr.)  
Md. Sarfaraj Hussain**

**Prof. (Dr.) Md. Sarfaraj Hussain** holds an M. Pharm and Ph.D. in Pharmacognosy from India, with an illustrious career spanning over 19.1 years in teaching and research. He has served in various academic leadership roles, including Professor (Principal) at Lord Buddha Koshi Pharmacy College, Bihar, and Principal at Institute of Pharmaceutical Sciences, Sanskriti University, U.P. His international exposure includes four years of teaching at the Faculty of Pharmacy, Misurata University, Libya, and active participation in several global academic forums. Md. Hussain has authored 77 publications (Impact Factor: 103.218) with 5,586 citations, h-index 24, and i10-index 72. He holds seven patents related to novel therapeutic uses, including anti-viral applications against the Coronaviridae family. Prof. Hussain's work has been recognized globally through 19 awards and numerous international travel grants from prestigious bodies, including the Indian Council of Medical Research (ICMR), Department of Science & Technology (DST), Korean Diabetes Association, Korean Society of Hematology, Japanese Society of Medical Oncology, and others. With seven granted patents, Prof. Hussain's innovative research covers novel therapeutic agents, particularly targeting viral diseases. His work bridges the gap between traditional Pharmacognosy and modern drug discovery, contributing to advancements in global healthcare research.

**Dr. Avinash K. Singh** completed his Bachelor of Pharmacy (2011–2015) at Jamia Hamdard, New Delhi. He distinguished himself early by qualifying the Graduate Pharmacy Aptitude Test (GPAT-2015), and the National Institute of Pharmaceutical Education & Research Joint Entrance Exam (NIPER-JEE 2015). Dr. Avinash was later selected for a Ph.D. in Pharmaceutical Medicine (Division of Pharmacology) at Jamia Hamdard, New Delhi, through a collaborative project supported by Sun Pharmaceuticals Pvt. Ltd. He also generated evidence for treatment strategies in CML patients with comorbidities, and assessed various clinical parameters such as trough drug levels, renal dysfunction, anemia, and chemotherapy outcomes. In March 2023, Dr. Avinash delivered an oral presentation at the 3rd International Conference on the Future of Preventive Medicine & Public Health in Spain. In recognition of his contributions, he was honored with the Young Researcher Award 2022 by Institute of Scholars (InSc). Notably, one of his articles has been linked to the United Nations Sustainable Development Goals, addressing significant global challenges. Dr. Avinash has 15 international publications as the lead and first author and editor in numerous reputed journals. Dr. Avinash is currently pursuing the ePost Graduate Program in Health Economics, Health Care Financing and Policy, a one-year eLearning course offered by the Indian Institute of Public Health-Delhi (IIPH-Delhi).



**Dr. Avinash  
Kr. Singh**



**Dr. Arya Vidyadhari**

**Dr. Arya Vidyadhari** holds a B.Pharm from Banasthali University, an M.Pharm in Pharmaceutics from BIT Mesra, and a Ph.D. in Pharmaceutics from Jamia Hamdard, New Delhi. A GPAT-qualified professional, she was awarded the Senior Research Fellowship by the Indian Council of Medical Research (ICMR) for her doctoral work. Her career spans both industry and academia, with experience at Mylan Laboratories and as an Assistant Professor at Jaipur National University, Jaipur, followed by Sharda University, Greater Noida. She has authored multiple publications in peer-reviewed journals, chapters in international volumes, and has an Indian patent. She mainly works on nanomedicine and other advanced drug delivery system. Dr. Arya also holds a Student Pilot License (SPL) issued by the Directorate General of Civil Aviation (DGCA), Government of India, and has actively participated in the National Service Scheme (NSS). She is currently pursuing an e-Post Graduate Program in Health Economics, Health Care Financing, and Policy from Indian Institute of Public Health-Delhi (IIPH-Delhi).

**Md. Sohrab Alam** holds a B. Pharm and M. Pharm (Pharmaceutics) from the prestigious Jamia Hamdard University, New Delhi. He has authored numerous national and international publications, published by leading global publishers such as Elsevier and Taylor & Francis earning over 100 citations, holds a patent in pharmaceutical science and the author of a pharmacy book published by reputed publisher. He is a life member of the Indian Pharmacy Graduates' Association (IPGA) and has worked in pharmaceutical manufacturing and quality assurance at Brawn Laboratories Limited, Faridabad, gaining hands-on expertise in drug production processes. He also served as a Senior Pharmacist at Shamsaa Pharmacy, Al Baha, Saudi Arabia, expanding his practical knowledge of pharmacy practice in an international setting. Alam's blend of academic rigor, industrial experience, and international exposure uniquely positions him to offer comprehensive insights into drug development and pharmaceutical production, making him a respected voice in the field of pharmacy.



**Md. Sohrab Alam**



**Mr. Satyendra Kr. Singh**

**Mr. Satyendra Singh** holds M.Pharm in Pharmacognosy is a dedicated pharmaceutical professional with a specialization in natural product research and drug development. His academic journey in pharmacognosy reflects a deep interest in medicinal plants and their therapeutic applications. With a strong foundation in pharmaceutical sciences, he aspires to contribute to innovative research and teaching in the field.



**Mohammad Asad Alam**

**Mohammad Asad Alam** earned a degree in Pharmaceutical Sciences with honours from Jawaharlal Nehru Technological University Hyderabad in 2017 and a Master's degree in Pharmaceutical Chemistry with honours from Osmania University-Hyderabad in 2019. Alam's primary research area is total synthesis, and he completed his project at the Indian Institute of Chemical Technology titled Design, Synthesis and Characterisation of Pyridine Analogues as G-Quadruplex Stabilisers for Cancer Chemotherapy under the supervision of Dr. Subhash Ghosh (Principal scientist, CSIR-IICT Hyderabad). He has demonstrated a commitment to quality throughout his academic career, as seen by his accomplishments at the undergraduate and graduate levels. Furthermore, the All-India Council for Technical Education's Graduate Pharmaceutical Aptitude Test (GPAT) 2017 was passed by him. He has five years of teaching experience and has taught UG and PG students in a variety of subjects in various curriculums, including OU, JNTU, AKTU, and BUHs. He also has good knowledge of synthetic strategy and the characterization of organic molecules.



**Mr. Satyam Priyadarshi**

**Mr. Satyam Priyadarshi** had completed a Bachelor's of Pharmacy with first division from Government Pharmacy Institute, Patna in 2021, and a master's degree in Pharmaceutics with first division from Central University of Rajasthan, Bandarsindri, Rajasthan, In 2023. In his M.Pharm, Satyam done his project on "Computational study of unfolding of alpha-synuclein to understand pathology in Parkinson's disease" under the Supervision of Dr Devesh M Sawant.



**Mr. Shiva Kant Thakur**

**Mr. Shiva Kant Thakur** had completed a Bachelor's of Pharmacy with first division from Invertis University, Bareilly, in 2022, and a master's degree in Pharmaceutics with first division from NIMS Institute of Pharmacy, NIMS University, Jaipur, Rajasthan, in 2024. Shiva's master's project, "Formulation and Characterization of Moringa Oleifera (Leaf Extract) Solid Lipid Nanoparticles Loaded Gel for Anti-bacterial Activity," focused on comprehensive Nano-formulation from Jaipur's NIMS University. He has published three books: two in Pharmaceutics and a third on CADD under JEC and Pritam Publications. Shiva has published eight review articles and four research articles in various international journals, including Scopus. In addition, he is the owner of one copyright and four patents. He makes significant contributions to social improvement with his broad expertise in the realm of study.



**Ms. Soumya Bharadwaj**

**Ms. Soumya Bharadwaj** holds M.Pharm degree in Pharmacology. Formerly worked as an Assistant Professor in MotherHood University, Roorkee and Om Bio Sciences & Pharma College, Roorkee. She is Specialised in Pharmacology with a focus on "Nephroprotective effects of Carissa Spinarum against Gentamicin Induced Oxidative Nephrotoxicity" from Siddhartha Institute of Pharmacy, Dehradun. She has two and half year of teaching experience. Her works in research field is quite impressive. With her teaching ability Ms. Bharadwaj has also completed the written exam of BPSC Drug Inspector. She has 8 research articles published in different International Journals including Scopus. She has also one patent on her name. With her extensive knowledge to research field commits great changes in social betterment.



**Ms. Ompi Kumari**

**Ms. Ompi Kumari** hold M.Pharma in Pharmaceutics.

Formerly worked as an Assistant Professor in MotherHood University, Roorkee. She is Specialised in Pharmaceutics with a focus on “Formulation and Evaluation of Herbal Tooth gel with active pharmaceutical pain suppressive agent” from Uttarakhand Technical University. She has one and half year of teaching experience. Her works in research field is quite impressive. She has 5 research articles published in different International Journals including scopus. She has also one patent on her name. With her extensive knowledge to research field commits great changes in social betterment.



**Dr. Alok Kumar Aditya**

**Dr. Alok Kumar Aditya** is a dynamic and forward-thinking academician, researcher, and innovator whose contributions span across education, science, and social development. With a doctoral degree in Doctor of Pharmacy, he has made significant strides in both academic and applied research. Dr. Aditya has published peer-reviewed papers and participated at national and international conferences, where his insights are valued for their depth and originality. Beyond academia, he is a dedicated mentor and community leader. Dr. Aditya actively promotes scientific thinking, ethical leadership, and inclusive development. Known for his humility and relentless pursuit of excellence, Dr. Aditya embodies the spirit of service through knowledge. Whether in the classroom, the laboratory, or the community, Dr. Alok Kumar Aditya stands as a beacon of integrity, intellect, and impact-constantly inspiring the next generation to think deeper, aim higher, and serve better.



**Mr. Himanshu Kr. Bharti**

**Mr. Himanshu Kumar Bharti** has done his Bachelor of Pharmacy (B. Pharm) at CT College of Pharmacy, affiliated with Punjab Technical University. Further, Himanshu qualified the Common University Entrance Test (CUET) conducted by the National Testing Agency (NTA). This achievement opened the doors for his postgraduate studies at Tripura University (A Central University), where he successfully completed his Master of Pharmacy (M. Pharm) in Pharmaceutical Chemistry. During his postgraduate research, Himanshu undertook an extensive project on “Synthesis, Characterization and Biological Evaluation of Cyclohexanone-Based Chalcone Derivatives” under the supervision of Dr. Jagdish Kumar Sahu, Associate Professor. Mr. Bharti journey demonstrates the blend of dedication, academic excellence, and innovative thinking that fuels advancements in modern pharmaceutical chemistry.



**Mr. Abhinav Krishna Jha**

**Mr. Abhinav Krishna Jha** holds a B.Pharm and M.Pharm in Quality Assurance, with a total of 4 years of professional experience-2 years as a Hospital Pharmacist in a Government Hospital and 2 years in the Quality Control Department of pharmaceutical industries in Nepal. He is a licensed Pharmacist under the Nepal Pharmacy Council and skilled in operating HPLC, UV Spectroscopy, and other QC laboratory instruments as well as documentation.

**Mr. Akhil Kumar** is a dedicated and dynamic academic professional serving as a Lecturer in the Department of Pharmaceutical Chemistry at Lord Buddha Koshi Pharmacy College. He holds a Bachelor degree in Pharmaceutical Sciences and brings with him a strong foundation in both theoretical knowledge and practical laboratory expertise.



**Mr. Akhil Kumar**

**Mr. Shree Prakash** A seasoned educator and versatile trainer, Mr. Shree Prakash holds a Master's degree with BE.d and currently serves as a Lecturer in English and Soft Skills at Lord Buddha Koshi Medical College, guiding pharmacy and nursing students with excellence. Specialized in trauma counseling, he blends empathy with effective communication to shape future healthcare professionals. With prior experience at reputed institutions like Gopal Narayan Singh University and MGM College of Nursing and Pharmacy, he brings rich, hands-on expertise to every session-empowering students beyond the classroom. A dynamic multi-talented individual with a flair for creativity, seamlessly blending skills across various domains. Known for meticulous editing work, they bring clarity and precision to every project they touch.



**Mr. Shree Prakash**

## EDUCATIONAL FACULTY DEVELOPMENT PROGRAM

Faculty Development Program (FDP) was organized in department aimed at enhancing the teaching skills, research aptitude, and professional growth of our faculty members. The program included interactive discussions on recent advancements in pharmacy education, innovative teaching methodologies, and emerging trends in research. It provided a valuable platform for knowledge exchange and collaboration, enabling faculty to integrate modern techniques into classroom teaching and research projects.



## EDUCATIONAL SEMINARS AND WORKSHOPS

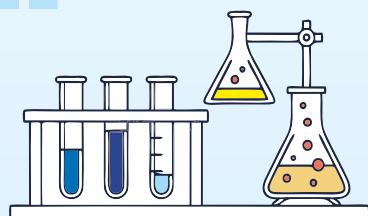
Seminars and workshops provide a platform for knowledge sharing, skill development, and interaction with industry experts, preparing students for future professional challenges.





## CLASSROOM TEACHING

The classroom teaching is designed to create an engaging and interactive learning environment. Faculty members focus on encouraging student participation, critical thinking, and problem-solving skills. Theory in combination with real-world applications, we aim to provide students with a strong academic foundation and prepare them for successful professional careers in the pharmaceutical field.



## LABORATORY ACTIVITIES

Laboratory activities bridge the gap between theoretical knowledge and practical application. Regular practical demonstrations and guided experiments nurture research aptitude and prepare students for careers in pharmaceutical industries, research, and healthcare.



## “**OUR LIBRARY**

The department library serves as the intellectual hub for students and faculty, offering a rich collection of textbooks, and reference books. The serene reading environment supports research, self-study, and academic excellence. Regular updates with the latest editions of books and scientific literature ensure that learners stay connected with advancements in the field of pharmacy.



## STUDENT'S CORNER

### Dear Strict Parents Grades Aren't Everything

Many parents believe academic success is the only path to a good future. While education is important, focusing only on studies and ignoring skills, creativity, and passion can harm a child's growth.

Children aren't robots. They need time to explore who they are. Some may love music, art, coding, or sports. When these interests are dismissed, their confidence and identity suffer. Over time, they may feel like they're only valuable if they score high marks — not for who they truly are.

Success today isn't just about marks. It's about communication, creativity, problem-solving, and emotional intelligence — skills that textbooks alone can't teach.

Encourage your child to study, yes, but also support their talents. Let them grow into confident, balanced individuals. Because real success is not just about grades — it's about living a happy, meaningful life.

\*\*Let your child be more than just a student — let them be an extraordinary child.

**Amit Raj**  
B.Pharm 2023-2027



### POEM

It's good here now  
Well better at least  
There's fewer shootings  
And fewer police  
The Place we are sitting  
A long time ago  
There by that window  
They would haggle for snow  
Or Hash Or Crack  
  
Or Stuff in between  
The People –the dealers

Ling gone as way  
I'm sitting here waiting for drugs today  
In this new  
Pharmacy  
  
It's getting better now  
For you and me  
But  
It takes time

**Ankit Kumar**  
B. Pharm (2024-2028)

## NEW DRUG INVENTED IN 2025

S.No	Name of Drug	Brand Name	Indication/Disease	Receptor / Target	Pharmaceutical Company
1	Suzepigine	Journavax	Analgesic	Sodium channel blocker	Vertex Pharmaceuticals
2	Garadacimab-gxii	Andembry	Antibody	Coagulation Factor XIIa	European medicine company
3	Fitusiram	Qfitlia	Anti-thrombin-P	Antithrombin production inhibitor	Alhylam Pharmaceutical
4	Sunvozertinab	Zegfrovry	Anti-cancer	Epidermal growth factor receptor	Dizal Pharmaceutical
5	Vimseitinib	Romvimza	Anti-neoplastic	Macro phase colony stimulating factor receptor	Deciphera Pharmaceutical
6	Atrasentan	Vanrafia	Contraindication	Endothelial receptor antagonist	Abbott Pharmaceuticals
7	Acoltremon	Tryptyr	Dry eye disease	TRPM & Calcium Channel	Alcon Pharmaceutical
8	Miradametinib	Gomekli	Ant-neoplastic	Kinase inhibitor	Pfizer Pharmaceuticals
9	Treobulfan	Grafapex	DNA – Alkylating agent	Alkylating DNA receptor	Medac Gawchor Medexus Pharmaceutical
10	Geptotidacin	Blusepa	Antibiotic	Bacterial DNA gyrase&topoisomerase IV Enzyme	GSK (GlaxoSmithKline Pharmaceuticals)

**Jahanavi Kumari**  
B.Pharm-2020-2024

# THIS IS MY INDIA

Delhi for duty.  
Kashmir for beauty.  
My Sore for silk  
Gujarat for milk  
Rajasthan for sand  
Punjab for fertile land.  
Haryana for bravery  
Bengal for poetry  
This is my India.

Mumbai for Movies  
Bangalore for garden  
Meghalaya for rain  
Uttar Pradesh for sugarcane  
This is my India.

Shimla for peaches  
Goa for beaches  
Bihar for scholars  
Madurai for Temples  
This is my India.

Kerala for education  
Nainital for summer Vacation  
Darjeeling for plantation  
This is my India.



**Aditya Choudhary.**  
B.Pharm 2024-2028

## RIDDLE

### "Time Keeper"

I count the hours, I mark each dose,  
Miss me once, the risk is close.  
I'm not a clock, yet I keep things right -  
Take me wrong, you'll feel the bite.  
**Answer:** A dosage schedule

### "White-Coated Detective"

I'm not a doctor, yet I heal,  
I read the scribbles others feel.  
With bottles, pills, and patient care,  
I mix and match with utmost flair.  
**Answer:** A pharmacist

### "Hidden in the Code"

I'm written strange, not plain to see,  
But open me up, I set you free.  
I'm tiny, potent, sealed so tight,  
Swallow me down, I'll make things right.  
**Answer:** A capsule

### "Liquid Power"

No pills, no tabs, I flow with grace,  
Into your veins, I find my place.  
I act so fast, no time to waste,  
In moments flat, I show my taste.  
**Answer:** An injection

### "The Silent Warrior"

You can't see me, but I'm strong and smart,  
I battle bugs and do my part.  
Too much of me and I might backfire —  
Use me right or face the ire.  
**Answer:** An antibiotic

**Absar Alam Khan**  
D.Pharm.- 2022-2024

## THE PHARMACIST'S LAMENT

In a coat that's crisp and snowy white,  
I count your pills both day and night.  
You hand me scribbles, barely read-  
"Is this 'amoxicillin' or 'birdseed'?"

I mix, I pour, I shake with flair,  
While answering questions like: "Is this for hair?"  
"No, ma'am, that's for blood pressure rise,  
You shouldn't apply it to your thighs."

You ask if vodka's safe with meds,  
Then whisper,"just for sleepy heads."  
I smile and nod, but deep inside,  
I wonder how I still survive.

Form statins, creams, and little sprays,  
To vitamins in fifty ways-  
I'm part magician, part life guide,  
And therapist with shelves beside.

So here's to pharmacy- strange but true-  
The world would crumble without our crew.  
We're not just pill pushers, please be kind-  
We also help you not lose your mind.

**Pratyush Kumar Tiwari**  
B.Pharm 2023-2027

## POEM

No time for relaxation  
What a great tension!  
English is full of punctuations.

Sanskrit is full of recitations.  
Chemistry is full of reactions.  
History is full of civilizations.  
Math is full of calculations.

What a difficult situation !  
Everybody is busy with preparations.  
For the never ending Examination.  
Oh god ! please take action.  
After all we are the future of our nation.

**Kashish Kumari**  
B.Pharm 24-28

## IT IS EASY

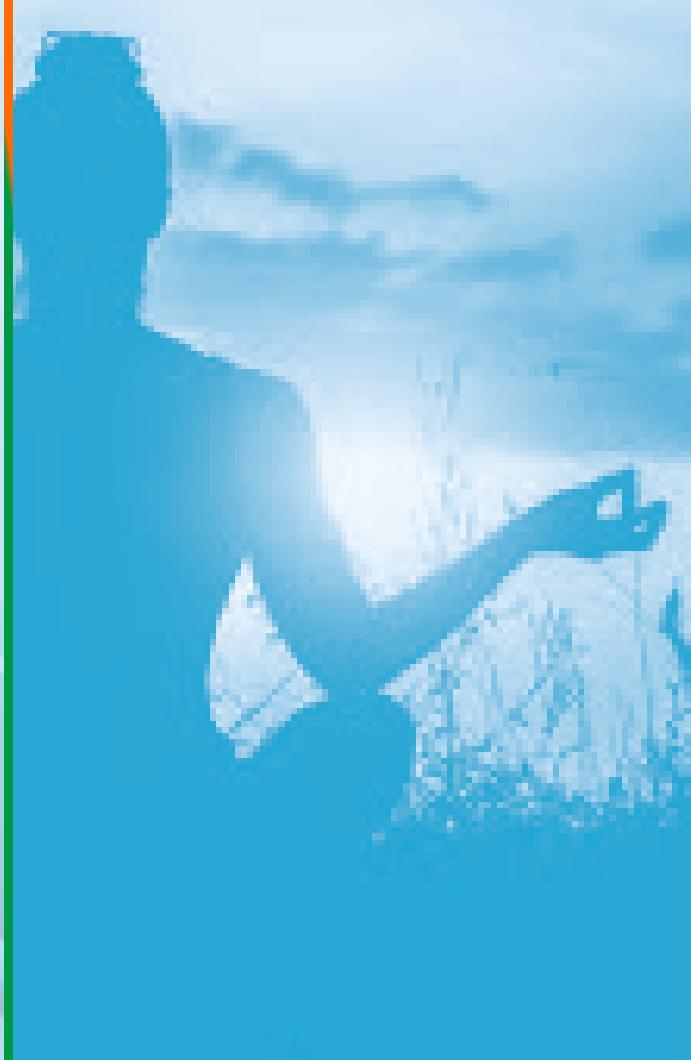
"It is Easy to Get A Thousand prescriptions; But Hard to Get one Single Remedy."

"Poisons and medicine are Oftentimes  
The same substance Given with  
Different Intents."

Water Air and (tree) & Cleaness are the  
Chief articles in my Pharmacy.

A Doctor give of Life to the Patient through  
medicine. A Pharmacist give life to  
medicines through his knowledge and skills  
"proud to be pharmacist"

**Deepak Kumar**  
D.Pharm. 2024-2026



## सेहत

इंसान का सबसे  
बेहतरीन साथी  
उसकी सेहत है,  
अगर उसका साथ  
छुट जाए तो वह हर  
रिश्ते के लिए  
बोझ बन जाता है....!!!

**Deepak**  
B.Pharm 2023-2027



## स्वाभाव

जिसमें सब्र है, वही तो शबरी है...!

और जो शबरी हो गया,  
उसे ईश्वर तक नहीं जाना पड़ता,  
अपितु

स्वयं ईश्वर उसके द्वार पर आया करते हैं....

हमने तो जोड़ना चाहते हैं साहब,

तोड़ना तो सिखा ही नहीं।  
खुद टूट जाते हैं अक्सर, लेकिन  
किसी को छोड़ना सिखा ही नहीं।

अगर तोड़ना सीखना हो तो  
अमीर से पूछो साहब,  
वरना गरीब का क्या वजूद है साहब,  
वो जोड़ना भी चाहे तो लोग तोड़ना  
समझ जाते हैं साहब।

**Ujjwal Kumar**  
D.Pharm 2024-2026

## Pharmacists: The Most Accessible Health Professionals

When you walk into a pharmacy, what's the first thing you notice?

Maybe it's the shelves lined with medications, or the long queue of people waiting for their prescriptions. But behind that counter — behind the white coat — stands one of the most underappreciated heroes in healthcare: The pharmacist.

And no, they're not just pill-counters.

In today's fast-moving, health-conscious world, pharmacists have stepped far beyond their traditional role. They're now educators, clinicians, advisors, and often the first and most accessible point of contact for health concerns.

Think about it: you can walk into a pharmacy at nearly any time of day and speak to a trained medical professional — no appointment, no paperwork, no waiting room.

Whether you have a rash, a fever, or just want to know if your cold medicine interacts with your antidepressants, your pharmacist is ready. They'll answer your questions with clarity, kindness, and scientific precision.

**Absar Alam Khan**  
D.Pharmacy 2022-2024

## स्वास्थ्य

स्वास्थ्य सेवा का है ये नारा,  
जीवन में लाए खुशियों का सारा ।  
डॉक्टर, नर्स, सब मिलकर साथ,  
हर दर्द को करें दूर, हर करें राहत ।

साफ—सफाई, दवा का ध्यान,  
हर व्यक्ति का हो स्वस्थ जीवन का मान ।  
सस्ती हो चिकित्सा, सबको मिले,  
हर गरीब का भी हक, ये सबको मिले ।

स्वास्थ्य है धन, इसे समझो यार,  
सभी मिलकर करें, स्वास्थ्य का प्रचार

स्वास्थ्य का है ये अनमोल खजाना,  
हर दिल में हो इसका गहरा नजारा ।  
रोगों से लड़ें, हम सब मिलकर,  
सुरक्षित रहें, यही है हमारा सफर ।

प्राथमिकता हो, हर जीवन की बात,  
सभी को मिले, चिकित्सा की सौगात ।  
आधुनिक तकनीक, और ज्ञान का संग,  
हर गांव, हर शहर में हो स्वास्थ्य का रंग ।

स्वास्थ्य है अधिकार, इसे ना भूलें,  
सभी मिलकर चलें, एक नई राह चुनें ।  
सकारात्मक सोच, और जीवन का उत्सव,  
स्वास्थ्य की ओर बढ़ें, यही है हमारा सबक ।

स्वास्थ्य का दीप जलाएं हम,  
हर मन में खुशियों का सागर भरें हम ।  
सही खान—पान, व्यायाम की बात,  
जीवन में लाएं, सुख और समृद्धि की सौगात ।

बीमारियों से बचें, जागरूकता बढ़ाएं,  
स्वास्थ्य के प्रति, सबको प्रेरित करें हम ।  
सामुदायिक स्वास्थ्य, सबकी जिम्मेदारी,  
एकजुट होकर करें, हर समस्या की तैयारी ।

मनोबल बढ़ाएं, मानसिक स्वास्थ्य का ध्यान,  
सकारात्मक सोच से, हो हर दिन का अरमान ।  
स्वास्थ्य है जीवन, इसे संजोएं प्यार से,  
सभी मिलकर चलें, एक स्वस्थ संसार से ।

**Satyam Kumar Singh,  
Abishek Kumar,  
Ramu Kumar, Vikram Metha  
& Ranjeet Kumar  
B.Pharm 2023-2027**

## प्यार की राहें

प्यार एक अहसास है,  
जो दिल से दिल तक जाता है ।  
शब्दों से परे, ये भावना,  
खुशबू बनकर महक जाता है ।  
चमकते सितारे, रात की चादर,  
प्यार में हर चीज लगती सुन्दर ।  
दिल की धड़कनें गूँजती हैं,  
जैसे संगीत में छिपा कोई अंबर ।  
प्यार वो पहली मुस्कान है,  
जो अजनबी को अपना बना दे ।

प्यार वो मीठी बात है,  
जो हर दर्द को भुला दे ।  
प्यार में खोकर हम जी उठते,  
हर पल जैसे नया सूरज चढ़ते ।  
ये वो जादू है, जो सब बदल दे,  
दिल को रंगों से सजा दे ।  
सच्चा प्यार, एक दीपक की लौ,  
जो अंधेरे में भी जलता रहे ।  
जीवन के हर मोड़ पर संग,  
हर मुश्किल को सहता रहे ।  
तो चलो, इस प्यार को जी लें,  
हर धड़कन में इसे बसा लें ।  
प्यार में ही जीवन का सार है,  
इससे ही हमारा संसार है ।

**पियूष राज  
बी. फार्मा. 2023–2027**



## हौसला

ये आसमा छिन गया तो क्या?  
न्या ढूँढ लेंगे,  
हम वो परिदे नहीं जो  
उड़ना छोड़ देंगे !!

मत पूछ,, हौसले हमारे  
आज कितने विश्रब्ध है,  
एक नई शुरुआत, नया  
आरंभ तय है.....  
माना अभी हम निः शब्द है।

ये पारावर छूट गया तो क्या ?  
नया सागर ढूँढ लेंगे,  
हम हम वो कस्तियाँ नहीं जो  
तैरना छोड़ देंगे !!

कदम चलते रहेंगे.  
जब तक स्वश है,  
परिस्थिति से परे  
स्वयं पर हमें विश्वास है,

एक रास्ता मिला नहीं तो क्या  
नई राहें ढूँढ लेंगे,  
हम वो मुसाफिर नहीं जो  
जलना छोड़ देंगे !!

ख्वाबों को महकता रखते हैं,  
हम मंजिलो से राब्ता रखते हैं,  
नशा हमें हमारी फितरत का,  
हर बार करती बुलंद,  
इरादा जीत का !

ये मुकाम नहीं हासिल तो क्या?  
नये ठिकाने ढूँढ लेंगे,  
हम वो राय नहीं जो  
अपनी तलास छोड़ देगे !!!

हम वो परिदे नहीं जो  
उड़ना छोड़ देंगे !!

मोहम्मद साबिर  
बी.फार्मा. 2024-2028

## BEYOND THE MEDS

Beyond the meds The Unsung Heroes of Pharmacy  
Pills, That lift your energy so high,  
But if you skip your dose,  
You'll rain down from the sky (T&C)

Abu Faisal  
D. Pharm 2024-2026

## ASSUME

Assume the value of each alphabet  
A=1,b=2,c=3,d=4, So OD.  
Then we come to the conclusion that  
Discipline is cent correct, for our life  
we can see.

D=04

I=09

S=19

C=03

I=09

P=16

L=12

I=12

N=14

E=05

Total=100 means  
100% Correct

Shantanu Singh Rajput  
B.Pharm 2024-2028



### SUCCESS MANTRAS FOR STUDENTS

Success mantras are guiding principles or habits that align your actions with your goals. For students, they are crucial for maintaining focus, improving productivity, and building confidence. Psychologists say that repeating an action consistently for 21 days rewrites your brain, making it a part of your routine. This method is perfect for students who need structure and discipline. The 21-day rule works because it focuses on manageable short-term goals. Once you see the results, it becomes easier to stick with the new habits.

#### Week 1: Building the Foundation

- Start Your Day with Gratitude:** Spend 5 minutes every morning reflecting on what you're grateful for. It sets a positive tone for the day.
- Set Clear Goals:** Write down your academic and personal goals. Be specific and break them into actionable steps.
- Practice Self-Discipline:** Stick to your study schedule, even when you don't feel like it. Discipline outweighs motivation.
- Organize Your Workspace:** A clutter-free space leads to a clutter-free mind. Arrange your desk daily to boost focus.
- Manage Your Time Effectively:** Use tools like planners or apps to allocate time for studies, rest, and hobbies.

#### Week 2: Strengthening the Mindset

- Focus on Positivity:** Replace negative self-talk with affirmations. For example, say, "I am capable of achieving my goals."
- Embrace Failures as Lessons:** Every failure is a step toward success. Analyze mistakes and learn from them.
- Practice Mindfulness and Meditation:** Spend 10 minutes daily meditating to reduce stress and enhance concentration.
- Limit Distractions:** Turn off notifications and use apps like Forest to stay focused during study sessions.
- Prioritize Health and Fitness:** Exercise regularly and maintain a balanced diet. A healthy body supports a healthy mind.

#### Week 3: Enhancing Productivity

- Stay Consistent:** Consistency is key. Even small efforts every day add up to significant results.
- Develop Problem-Solving Skills:** Tackle challenges head-on instead of avoiding them. It builds resilience and confidence.
- Build Meaningful Relationships:** Surround yourself with positive, goal-oriented peers who uplift and inspire you.
- Learn Something New Daily:** Whether it's a new word, concept, or skill, expanding knowledge keeps your mind sharp.
- Visualize Success:** Close your eyes and imagine yourself achieving your dreams. This boosts motivation and focus.

**Prof. (Dr.) Niyaz Alam**  
Principal and Professor

# PERSONALIZED MEDICINE:

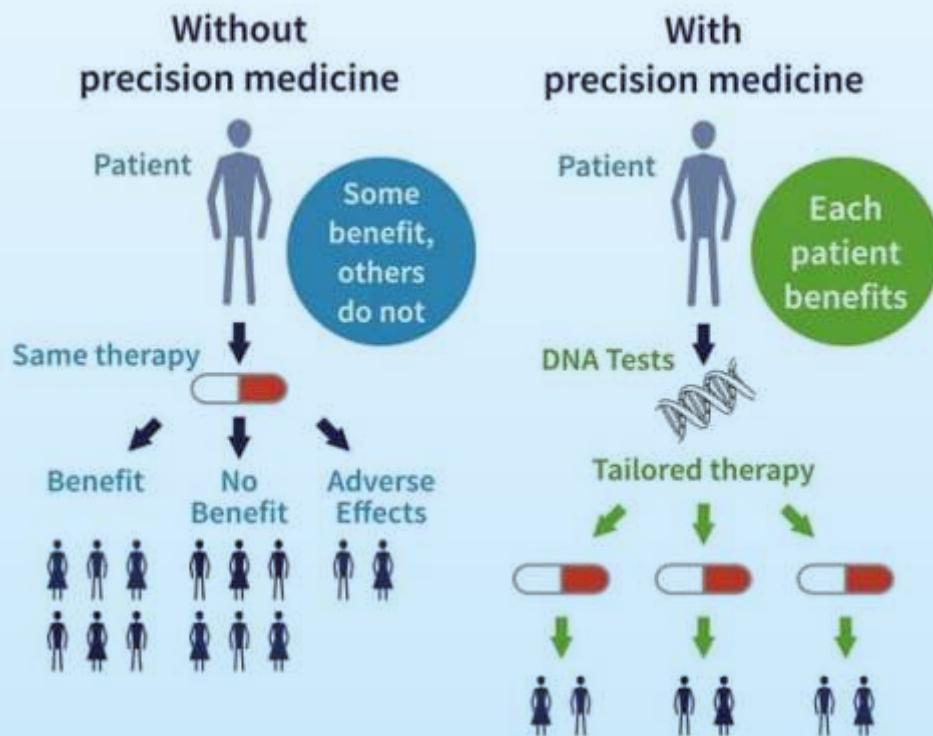
Also known as Individualized medicine or precision medicine is a contemporary medical perspective that tailor's disease prevention, investigation, and management to the distinctive traits of every individual patient, mainly using hereditary and genetic data. Unconventional "one size fits all" model, individualized medicine authorizes information such as a patient's genetic profile, phenotype, lifestyle, and environment to accompany clinical decisions and maximizing impact or outcome.

The key features of personalized medicine include:

- Genetic Profiling: Using genomic data to predict disease risk, select the most effective treatments, and determine prime drug dosages for individual patients.
- Targeted/Individualized Treatments: Developing and prescribing treatments that are specifically effective for certain genetic or molecular profiles, thereby maximizing efficacy and minimizing side effects.
- Early Detection and Prevention: Identifying predispositions to diseases through genetic testing, enabling earlier interventions and personalized prevention strategies.
- Active Monitoring: Continuously assessing treatment responses and disease progression using molecular and clinical biomarkers, allowing for timely adjustments to therapy.

Personalized medicine is driven by advances in genomics, data analytics, and health information technology, such as electronic health records that integrate genetic and clinical data for more informed decision-making. This approach is transforming healthcare by making it more predictive, preventive, and participatory, with the ultimate goal of improving patient outcomes and quality of life while potentially minimizing healthcare costs.

In summary, personalized medicine represents a shift toward individualized care, where medical decisions and treatments are tailored to each patient's unique genetic and molecular makeup, leading to more precise and effective healthcare.



Dr. Avinash Kumar Singh  
Associate Professor

# Empowering the Future: Why Financial Literacy is Important for Students

*"If you don't learn to manage ₹2,000 now, managing ₹2 crore in the future will be a nightmare."*  
—Anonymous

In today's fast-paced and financially complex world, students are often introduced to advanced subjects in science, pharmacy, technology, and the arts—yet many graduates without a basic understanding of personal finance. As an educator and Associate Professor, I firmly believe that financial literacy is no longer optional; it is an essential life skill that must be integrated into a student's learning journey from an early stage.

## Introduction: Why Financial Literacy Matters for Pharmacy Students

Pharmacy students face unique financial challenges. From tuition fees, books, and hostel expenses to entrance exams and internships, the costs add up quickly. After graduation, many students are burdened with education loans or face financial uncertainty while preparing for competitive exams like GPAT, NIPER, or applying for higher studies or jobs abroad.

Moreover, pharmacy graduates eventually step into roles that may involve managing inventory, handling billing in retail or hospital pharmacies, or even running their own medical stores or manufacturing units. Without a strong foundation in personal and professional finance, these responsibilities can become overwhelming.

Financial education enhances not only personal well-being but also professional efficiency and ethics. It empowers students to make informed decisions, avoid debt traps, and create a path to long-term wealth and well-being.

## Did You Know?

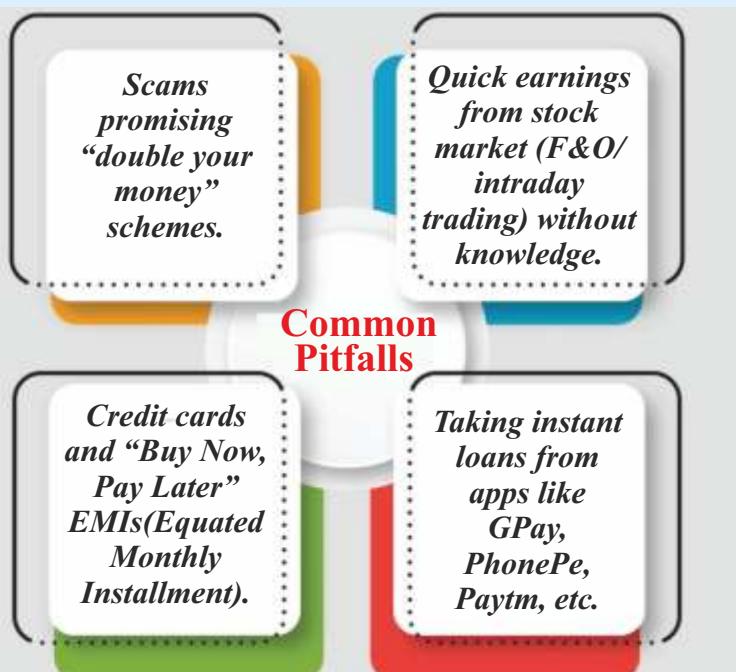
Only **27%** of Indians are financially literate (Global Financial Literacy Survey). Let's work together to change that—starting in our classrooms.

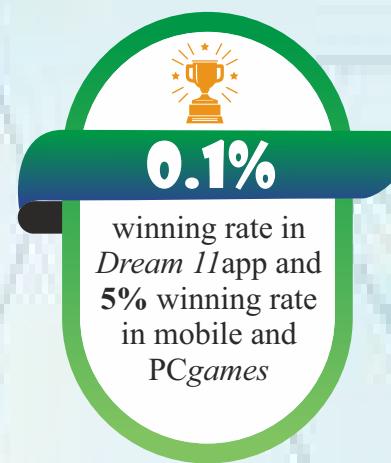
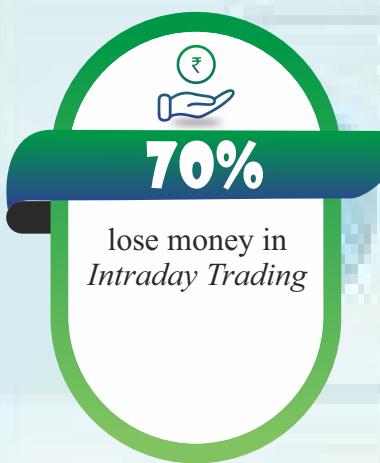
## Mindset Over Money

**Most people assume earning more will solve their problems—but it's *not* always true. Without financial discipline, even high earners can struggle.**

**Your emotional relationship with money—how you feel about spending, saving, or investing—can make or break your financial future.**

## The Dangers Students Face





## Real Talk:

*“A classmate of mine invested ₹5,000 in stock trading based on a WhatsApp tip. He lost everything in two weeks. It was a tough lesson.”*

-Pharmacy Student, 3rd Year

### ❖ Key Financial Concepts Every Pharmacy Student Should Know

#### 1. Budgeting and Expense Tracking:

Track monthly expenses related to college, travel, food, and study materials. Free apps or a simple spreadsheet can help visualize where money is going.

#### 2. Education Loans and Repayment:

Understand the terms of your student loans, interest rates, and repayment schedules. Planning early helps avoid pressure after graduation.

#### 3. Saving and Emergency Funds:

Start saving a small portion of stipends or part-time income. An emergency fund provides a safety net during unexpected events like illness, travel, or academic delays.

#### 4. Smart Use of Credit:

Be cautious with credit cards and online loans. Understand interest rates and avoid “buy now, pay later” traps unless absolutely necessary.

#### 5. Avoiding Lifestyle Inflation:

As income increases (e.g., during internships or after college), resist the urge to increase expenses proportionally. Live below your means whenever possible.

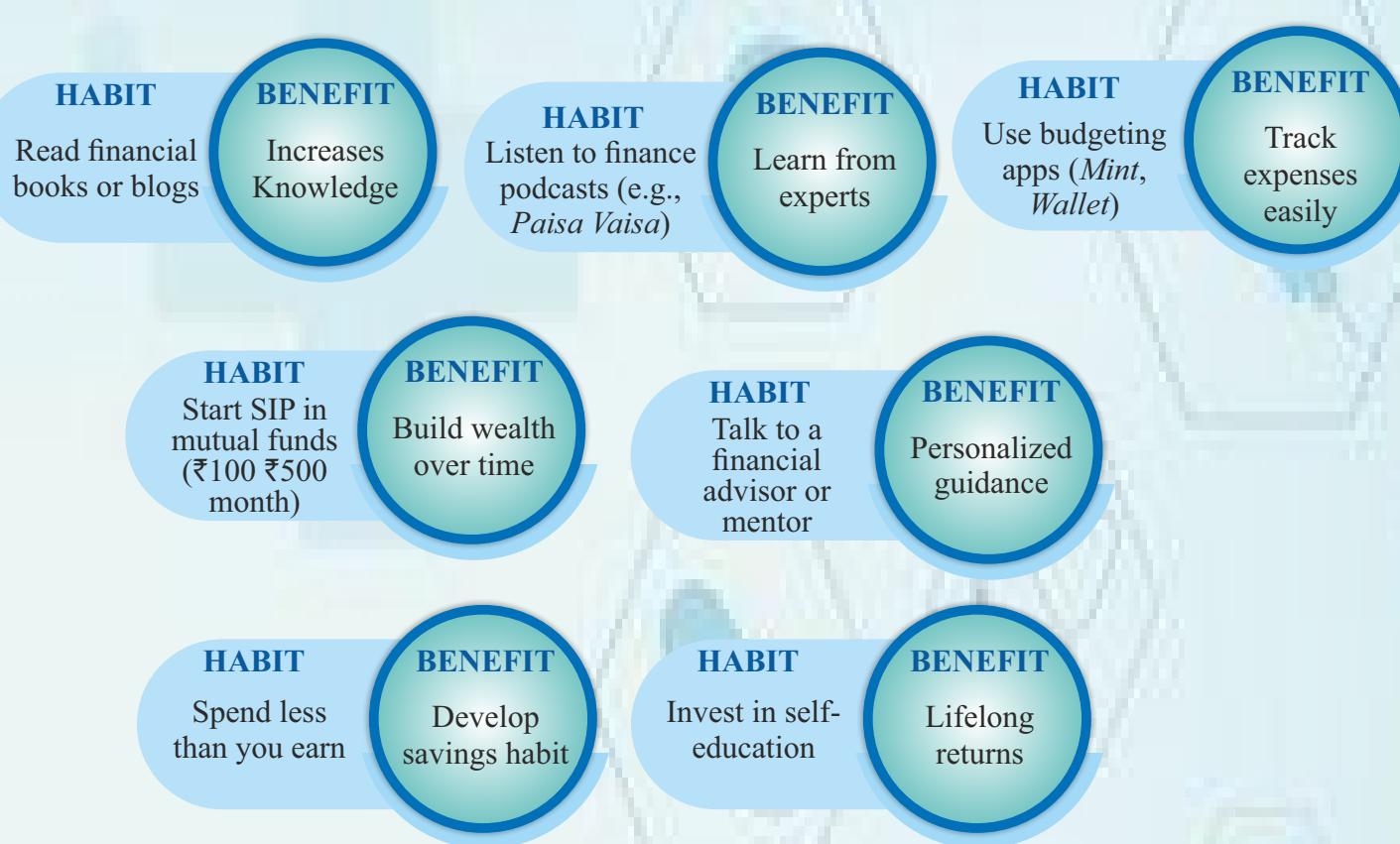
#### 6. Basics of Investing:

Learn the power of compounding, SIPs (Systematic Investment Plans), Mutual fund and how even a small monthly investment can grow significantly over time.

#### 7. Business and Entrepreneurial Finance:

For those aspiring to open a pharmacy, manufacturing unit, or wholesale business, understanding profit margins, GST, licensing costs, and working capital is essential.

## Smart Financial Habits for Students



### Final Prescription

As educators, parents, and policymakers, we must recognize that financial literacy is the bridge between education and empowerment. Let every pharmacy student graduate not only better prepared for adult life with academic excellence but also contributes positively to society and the economy at large. Let us begin this journey in our classrooms, conversations, and curricula—because financial wisdom today can build a more secure tomorrow.

**Financial literacy is not just good advice—it's essential medicine.**

**Md. Sohrab Alam, Ph.D Scholar**  
Associate Professor

## How do the roles of teachers and professors differ in educational settings?

Teachers concentrate on younger students and classroom management in small interactive classes, while professors educate adults in big lecture theaters with a focus on technical expertise and research. Classrooms are for small, interactive classes, while lecture theaters are for big, lecture-based teaching. Teachers work mainly on basic education and classroom management in schools, while professors concentrate on advanced education, research, and advanced teaching in universities and colleges. Therefore, teachers in schools give full and usable notes to establish a base, professors give outlines and knowledge that lead students towards developing scholarly autonomy and mastery of the subject.

**Dr. Avinash Kumar Singh**  
Associate Professor

# TRUTHFULNESS

सत्यवंद, धर्मचर।

## Satyam Vada, Dharmam Cara.

*Taittiriya Upanishad*

### Meaning:

- Speak the truth, follow the path of righteousness.

Value of Time

कालःपचतिभूतानि, कालःसंहरते प्रजाः ।  
कालो हि दुरतिक्रमः ।

Kālah pachati bhūtāni, kālah samharate prajāḥ  
Kālo hi duratikramah.

### Meaning:

- Time creates and destroys all things; nothing can escape time.

**Dr. Alok Kumar Aditya**  
Assistant Professor



# 12 LAW OF KARMA

## THAT WILL CHANGE YOUR LIFE

1. **The Law once and Inspirations:** Be it big or small.  
**Cause and Effect:** Whatever energy and thoughts you put out into the universe, you get back, be it good or bad.
2. **The Law of Creation:** Life won't just happen to you. You need to take action and make things happen, rather than wait for everything to magically work out for you.
3. **The Law of Humility:** Being humble enough to accept and understand that your current situation is a result of your past actions.
4. **The Law of Growth:** Control yourself, not others, and focus on your personal growth. As we grow and evolve internally, our external reality will change accordingly.
5. **The Law of Responsibility:** Whatever happens in your life, it happens because of you, and you need to own it. You are the sum of the choices that you make.
6. **The Law of Connection:** Your past, present and future, everything is connected. Your past actions determine who you are today, and your present actions will decide who you will be tomorrow.
7. **The Law of Focus:** Focus on one thing at a time. You cannot do justice with two projects undertaken at the same time. Multitasking slows you down and dissipates the resources.
8. **The Law of Giving and Hospitality:** Practice selfless giving to ensure that you are not simply saying and thinking good thoughts but you also walk the walk. Understand and acknowledge that your actions are a reflection of your inherent beliefs.
9. **The Law of Here & Now:** Living in the present moment is the only way to be truly happy. Holding on to the past and being obsessed about the future will only make you unhappy.
10. **The Law of Change:** History keeps on repeating itself unless you learn your lesson and change your life.
11. **The Law of Patience and Reward:** Success requires patience, consistent hard work and the self assurance that you will get the rewards for your efforts.
12. **The Law of Significa**

Prof. (Dr.) Niyaz Alam  
Principal and Professor

## THE LAW OF KARMA



## POWER OF SMILE

The biochemistry of smile is very interesting. When one smiles or laughs, vasodilator neuro-peptides are released from lungs as well as from millions of nerve junctions. They relax the arteries, particularly the coronary arteries and also the veins. Blood flow becomes easy and hypertension is reduced. Smile is an antidote for hypertension and blood pressure. Smiling dispositions can even chips off cholesterol. “Laughter is inner jogging” (Normal Cousins): it is an inner massage. But when one is grim and serious vaso-constrictive neuro-peptide called neuro-kinin is released. This is dangerous in the long run, it generates vascular disorders and causes cardio-vascular diseases.

- Smile reduces serum-cortisol that reduces stress
- Smile increases saliva immunoglobulin
- Enzymes produced as a result of smile or laughter prevents ulcers in duodenum and stomach
- Lower abdominal walls become stronger
- Blood pressure is reduced
- Laughter is inner jogging (Norman S. Cousins)
- More endorphins are produced. As a result body can tolerate pain and stress easily.
- A chemical called interlukine-2 produced through smile strengthens the body's immune system and fights diseases.
- To smile we need to exercise only 13 muscles and to keep grim, we need to exercise some 72 muscles. And yet we prefer the latter.
- We need a humor-serious ratio of 70:30 in 24 hours to keep ourselves healthy.
- “Laughter is the shortest distance between two people”.
- Happiness is reflected through your smile. In a consumeristic society when everything is available and easy to work, people tend to lose happiness and smile. Conveniences do not make us happy.

A very unusual experiment was conducted by John Fabre, the French naturalist, consisting of processionary caterpillars, a type of caterpillar that blindly follows the one in front of it. This explains the name processionary caterpillar. The experiment consisted of several of these caterpillars, a flowerpot filled to the rim with dirt, and pine needles. The caterpillars formed a complete circle around the rim of the flowerpot, with the first one touching the back of the last one. The pine needles, the food of the processionary caterpillar, were placed in the center of the circle. The caterpillars began their procession around the flowerpot, one following the other in a circle. This went on hour after hour, day after day, for an entire week. In the end, every one of the caterpillars dropped dead of starvation. The one thing that could have saved them was only six inches away, but without purposeful thought or action, the caterpillars continued with a habitual routine that eventually proved too much to endure.

Mr. Shree Prakash  
Lecturer

# TRUTHFULNESS

# WORLD'S 10 MOST POWERFUL PHARMACEUTICAL COMPANIES

## 1. Eli Lilly & Company – Market Cap: \$729.6 billion

Eli Lilly and Company is an American pharmaceutical giant founded in 1876 and headquartered in Indiana, USA. It is a leader in diabetes care, obesity management, oncology, immunology, and neuroscience. The company is best known for its insulin products and groundbreaking obesity/diabetes drugs like Mounjaro and Zepbound. Eli Lilly is currently the most valuable pharmaceutical company in the world, driven by unprecedented demand for its metabolic and weight-loss treatments.

## 2. Johnson & Johnson – Market Cap: \$404.9 billion

Johnson & Johnson (J&J) is one of the world's largest and most influential healthcare companies, founded in 1886 and headquartered in New Brunswick, New Jersey, USA. It operates through three main segments: pharmaceuticals, medical devices, and consumer health products. Its broad portfolio cushions it against volatility and sustains long-term investor confidence.

## 3. AbbVie Inc. – Market Cap: \$336.1 billion

AbbVie Inc. is a leading American biopharmaceutical company, spun off from Abbott Laboratories in 2013, and headquartered in North Chicago, Illinois, USA. It is best known for Humira, one of the world's top-selling drugs, along with other major therapies like Skyrizi, Rinvoq, and Imbruvica. AbbVie focuses on areas such as immunology, oncology, neuroscience, and virology.

## 4. Novo Nordisk – Market Cap: \$317.6 billion

Novo Nordisk is a global healthcare company headquartered in Bagsværd, Denmark, founded in 1923. The company operates in more than 80 countries, focusing on diabetes, obesity, rare blood disorders, and growth hormone-related conditions. Novo Nordisk is currently one of the most valuable pharmaceutical companies in the world, driven by surging demand for its obesity and metabolic disease treatments.

## 5. Roche – Market Cap: \$253.7 billion

Roche Holding AG is a Swiss multinational healthcare company founded in 1896 and headquartered in Basel, Switzerland. Roche is a powerhouse in oncology and diagnostics. With high-impact cancer drugs and advanced testing platforms, it remains a cornerstone of personalized medicine worldwide.

## 6. Novartis – Market Cap: \$229.0 billion

Novartis AG is a Swiss multinational pharmaceutical corporation headquartered in Basel, Switzerland, formed in 1996 through the merger of Ciba-Geigy and Sandoz. It is a global leader in innovative medicines, generics, and biosimilars, focusing on areas such as oncology, cardiovascular diseases, neuroscience, immunology, and ophthalmology. Novartis is consistently ranked among the top pharmaceutical companies in the world.

## 7. AstraZeneca – Market Cap: \$225.3 billion

AstraZeneca plc is a British-Swedish multinational biotechnology and pharmaceutical company based in Cambridge, United Kingdom. Established in 1999 via the combination of Astra AB (Sweden) and Zeneca Group (UK), it specializes in oncology, cardiovascular, renal & metabolism, respiratory, and rare diseases. AstraZeneca became internationally renowned for creating a highly distributed COVID-19 vaccine jointly with the University of Oxford.

## 8. Merck & Co. – Market Cap: \$212.7 billion

Merck & Co., Inc. is a multinational pharmaceutical corporation of America founded in 1891 with its headquarters located in New Jersey, USA. It is well known for cutting-edge medicines and vaccines, with its emphasis on oncology, vaccines, infectious diseases, cardiometabolic disorders, and animal health.

## 9. Amgen – Market Cap: \$164.8 billion

Amgen Inc. is a US-based multinational biopharmaceutical corporation established in 1980 and headquartered at Thousand Oaks, California, USA. Amgen combines biotech with pharma, which excels in biologic therapies in oncology and inflammatory diseases. As an expert known for harnessing sophisticated biotechnology to develop drugs, Amgen also heavily invests in genetic research as well as cell-based treatments.

## 10. Gilead Sciences – Market Cap: \$144.5 billion

Gilead Sciences, Inc. is an American biopharmaceutical company founded in 1987 and headquartered in Foster City, California, USA. It is best known for its pioneering work in antiviral therapies, particularly for HIV/AIDS, hepatitis B, and hepatitis C. The company also has a growing oncology portfolio through its acquisition of Kite Pharma, a leader in cell therapy.

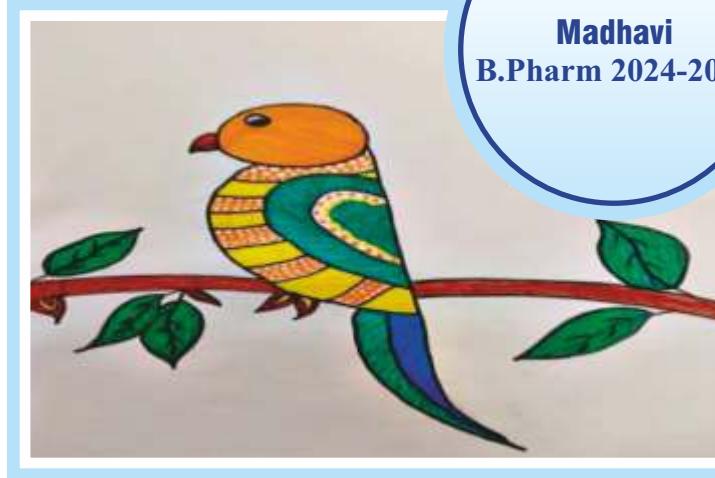
**Dr. Arya Vidyadhari**  
Assistant Professor



## PAINTINGS AND DRAWINGS CREATED BY STUDENTS



Monika  
B. Pharm 2024-2028



Madhavi  
B.Pharm 2024-2028



Prince Kumar Ram  
D.Pharm 2023-2025



Naina Kumari  
B. Pharm 2024-28

# “SOME QUOTES OF GREAT PERSONALITIES”

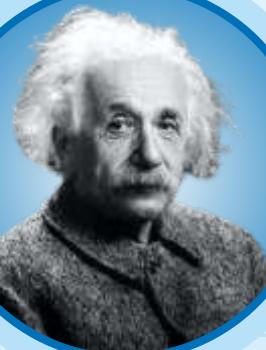


शिक्षा जहाँ अबंध, मुक्त है, उन देशों के लोगों को साथ लगा ले चाहे, पर कोई हाँक नहीं सकता।

रामधारी सिंह 'दिनकर'

“उठो, जागो और तब तक मत रुको जब तक लक्ष्य प्राप्त न हो जाए।

—स्वामी विवेकानंद



Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning.

-Albert Einstein

"You cannot change your future, you can change your habits. and surely your habits will change your future"

-Dr. A.P.J. Abdul Kalam





## RANGOLI MADE BY OUR STUDENTS



*“Learning never ends -because health challenges never stop evolving.*



## LORD BUDDHA KOSHI PHARMACY COLLEGE

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Next to Lord Buddha Koshi Medical College & Hospital Campus

The College is located at Baijnathpur, NH-107, Saharsa – 852221, which is well connected by road and rail communication from all parts of city.

