



A PUBLICATION OF FACULTY OF PHARMACY BBDNIIT, LUCKNOW

PHARMAZEAL 2022

Presented By:

FACULTY OF PHARMACY, BBDNIIT, LUCKNOW

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PHARMAZEAL 2022

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Director Speaks...

I am delighted to inform you that the Faculty of Pharmacy, BBDNIIT Lucknow, is publishing the annual departmental publication "PHARMAZEAL 2022" for the current academic year. It provides a forum for the development of academic, creative, athletic, and learning proficiencies in each student via the magazine. As you peruse the pages, you will become enlightened regarding the significant milestones that the college has accomplished thus far in the year. Furthermore, the creative expression of their thoughts, ideas, ambitions, feelings, aspirations, and convictions has been observed among our burgeoning talents. Both faculty members and students are sent to seminars, workshops, and conferences in order to significantly enhance their skill sets. I am delighted to congratulate the entire faculty, staff, editorial board, and student body of the Faculty of Pharmacy at BBDNIIT on the publication of PHARMAZEAL Magazine 21–22.

I wish you the very best.

Dr. (Prof.) Shailendra K. Saraf
Director, Faculty of Pharmacy, BBDNIIT
Lucknow

VISION AND MISSION OF COLLEGE

FACULTY OF PHARMACY

VISION



To become a centre of eminence in pharmacy education and research with an innovative and inclusive approach.

MISSION



To excel in pharmacy education and research by dissemination of cutting-edge knowledge and skills for sustainable health care.



To inculcate values in the next generation stakeholders with a humane and personal approach.



To promote a culture of innovation and entrepreneurship by fostering a diverse and inclusive community with a global outlook.

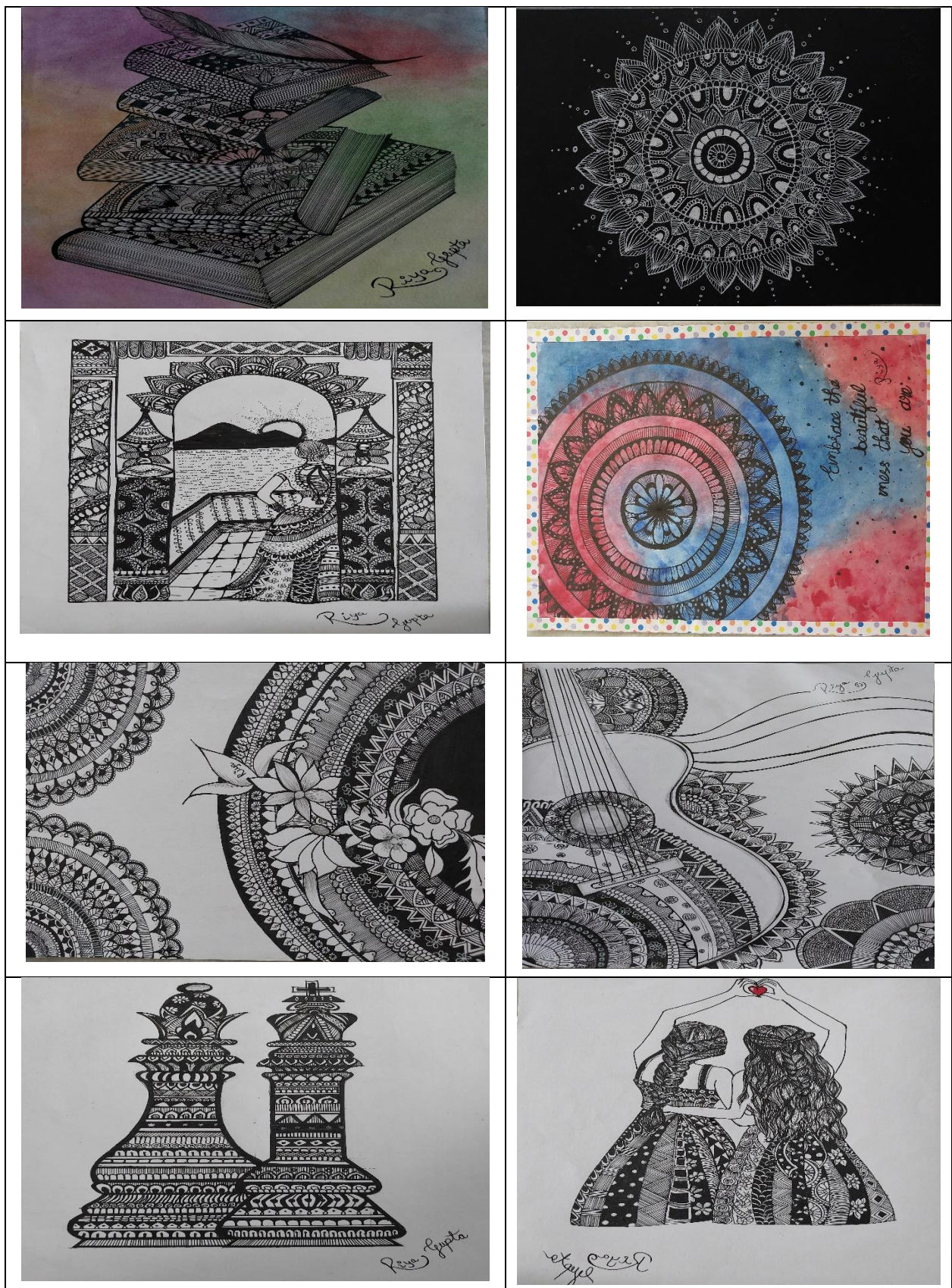


To create an ecosystem of cooperation, coordination and collaboration through national and international engagements.



BABU BANARASI DAS NORTHERN INDIA INSTITUTE OF TECHNOLOGY
(Recognised by PCI, affiliated to AKTU, Lucknow, & BTE UP, Lucknow)





SKETCHES MADE BY Riya Gupta 1st Year

A Publication of Faculty of Pharmacy, BBDNIIT, Lucknow



GLIMPSES FROM EVENTS

SESSION 2021-2022



Ganesh Chaturthi



Ganesh Chaturthi



Independence Day



Independence Day



AZTU Zonal



AZTU Zonal

GLIMPSES FROM EVENTS

SESSION 2021-2022



Basant Panchami



Basant Panchami



Tablet Distribution



Tablet Distribution



World Pharmacist's Day



World Pharmacist's Day

GLIMPSES FROM EVENTS

SESSION 2021-2022



Pharmacy Week



Pharmacy Week



Pharmacy Week



Utkarsh



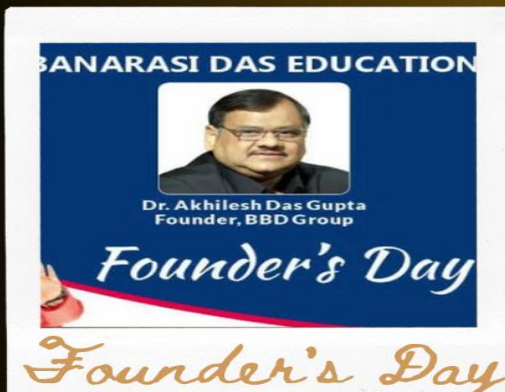
Utkarsh



Utkarsh

GLIMPSES FROM EVENTS

SESSION 2021-2022



GLIMPSES FROM EVENTS

SESSION 2021-2022



Stress Management



Stress Management



Dental Camp



Dental Camp



Blood Donation Camp



Blood Donation Camp

GLIMPSES FROM EVENTS

Mr. Abhishek Rao
(Student)

B. Pharm 4th Year
Faculty of Pharmacy
BBDNIIT, LUCKNOW

“चेहरे”

मैंने अंधेरे में किसी को रोते देखा है,
सिमटे जिस्म को ठिठुरती ठंड में सिकुड़ते देखा है
झूलसती धूप में तपते तन को मैंने जलते देखा है,
मैंने तो छत से भी आँसुओ को टपकते देखा है।

बंजर धरती से किसी पौधे को सिंचते देखा है,
इतनी सी जिन्दगी को एक महीने भूख से लड़ते देखा है।
मैंने दर्द भरी चोटों को बस यूँ ही सहते देखा है,
बेजान जिस्म से खून को बहते देखा है ॥

होली हो या दिवाली एक ही दिये को हर साल जलते देखा है,
इसकी रोशनी को तो अंधेरे से झगड़ते देखा है,
छोटी सी नींद में भी इन्हें सुकून से सोते देखा है।
बेखौफ आँखों को हजारों ख्वाब बुनते देखा है,

मैंने पसीने को लहू में मिलते देखा है,
दिन भर की मेहनत को रोटी में बदलते देखा है।
आज भूख नहीं है माँ, तू रोटी खा ले,
हर रात किसी बेटे को अपनी माँ से यह कहते देखा है।

“BE DIFFERENT”

Try forgiving even before forgiveness is asked

May be this could help change.

Love even if you are hated

May be this could prevent repenting

Save rather than spending

May be someone really in need could use it.

Laugh for others even if you are sad

May this can give them happiness and you a true pleasure of soul.

And always try till you succeed

Because.....

Someone wise has said "At times you don't realize"

How close you were to success when you gave up".

Ms. Ranjana

(Student)

B. Pharm 4th Year
Faculty of Pharmacy
BBDNIIT, LUCKNOW

DEPARTMENTAL NEWS (WHAT'S NEW)

- ❖ See SAR software: For molecular dynamics See SAR: is a molecular modelling software Introduced in 2021-22 widely used in pharmacy department. It facilitates structure -based drug design by visualizing protein ligand Interactions, predicting binding affinities and optimizing compounds. It's intuitive interface and powerful algorithm aid researchers in discovering and potential drug candidates for various diseases. It fosters ideation in most comprehensive way. The software includes all tools vital for handling compound and target structures which have been fine tuned to the needs for anyone. Helpful features such as ADME properties assessment, comprehensive color coding, unoccupied binding pocket visualizations and many other support researchers in making sound and interactive decisions.
- ❖ Department introduced a state of the art FTIR instruments in the instrument room during the 2021 - 2022 session. This instrument combines both FTUR (Fourier Transform Infrared spectroscopy) and ATR (Attenuated Total Reflection) technologies. The FTIR-ATR instrument enhances research capabilities, facilitates drug development, and promotes advanced analytical techniques within the pharmacy department catering to the evolving needs of pharmaceutical science and education
- ❖ The National Pharmacy Week of 2021 and 2022 featured. several new events aimed at, fostering creativity and engagement within the pharmacy community, Events included pot decoration, label designing, glass painting and nukkad natak. Additionally, activities like, just a minute presentations and theme poster competitions were introduced. These events provided platforms for students and professionals to showcase their talents, promote teamwork and raise awareness about various pharmacy related themes, by incorporating these innovative activities, the National Pharmacy Week celebrated diversity, encourage participation and highlighted the multifaceted nature of the pharmacy profession.
- ❖ The pharmacy department established a museum to show case the evolution and contributions of pharmacy throughout history. It features exhibits displaying ancient remedies, historical pharmaceutical tools and advancements in drug discovery. Students and visitors gain insights into the profession development, societal impact and ongoing innovation. The museum serves as an educational resource inspiring 'appreciation for pharmacy" rich heritage and curiosity about its future advancements. Through interactive displays and curated collections, it enhances learning experiences and promotes a deeper understanding at pharmacy for healthcare and society.

PLACEMENT DRIVE: TRAINING & PLACEMENT CELL

Students Opted for Higher Education

1	ABHISHEK RAO	2021-2022 1805650006	M.Pharm (Babu Banarasi Das Northern India Institute of Technology, Lucknow)
2	ADARSH KUMAR JAISWAL	2021-2022 1805650007	M.Pharm (Goel Institute of Pharmacy and Sciences, Lucknow)
3	AMAN JAISWAL	2021-2022 1805650011	M.Pharm (Goel Institute of Pharmacy and Sciences, Lucknow)
4	ANSHIKA SINGH	2021-2022 1805650012	Pursuing B.Sc. from Siddharth University Kapilvastu, Siddharth Nagar
5	HRITI TEJWANI	2021-2022 1805650032	MBA (Chitkara university, Punjab)
6	JITENDRA CHAUDHARY	2021-2022 18056500034	M.Pharm (Lovely Professional University, Punjab)
7	KM PRACHI	2021-2022 1805650039	M.Pharm (Chhatrapati Shahu Ji Maharaj University, Kanpur)
8	KUNAL SAXENA	2021-2022 1805650041	M.Pharm (Pranveer Singh Institute of Technology, Kanpur)
9	RANJANA	2021-2022 1805650057	M.Pharm (Babu Banarasi Das Northern India Institute of Technology, Lucknow)
10	PRIYANKA RAI	2021-2022 1805650052	MBA at Babu Banarasi das University, Lucknow
11	SAMREEN FATIMA	2021-2022 1805650058	M.Pharm (Amity University, Lucknow)
12	SHIVA SINGH	2021-2022 1805650068	M.Pharm (Amity University, Lucknow)
13	SOUMYA MAURYA	2021-2022 1805650074	MBA (Chitkara University, Punjab)
14	VAIBHAV CHAUDHARY	2021-2022 1805650084	M.Pharm (Lovely Professional University, Punjab)
15	SUMAN SINGH (LATERAL ENTRY)	2021-2022 19005605090 01	M.Pharm (Hygia Institute of Pharmaceutical Education and Research, Lucknow)
16	VIJAY YADAV	2021-2022 1805650085	M.Pharm (National Institute of Pharmaceutical Education and Research, Raebareli)
17	DEEPSHIKHA KUSHWAHA	2021-2022 1805650025	M.Pharm (Babasaheb Bhimrao Ambedkar University, Lucknow)
18	MOHD ADNAN	2021-2022 1805650045	M.Pharm (Babu Banarasi Das Northern India Institute of Technology, Lucknow)
19	SUNIL KUMAR SONKAR (LATERAL ENTRY)	2021-2022 19005605090 02	M. Pharm. From Pharmaceutics at Hygia Institute of Pharmaceutical Educational and Research
20	SANDEEP GAUTAM	2021-2022 1805650059	Got Admission through CUET in Post Graduate

CONGRATULATIONS!

Students in Academics, Industries, Hospitals and Opted for Business

1	ABHISHEK RAJ	2021-2022 1805650005	Scribe EMR as Medical Scribe in Mohali
2	ADARSH MOHAN BAJPAI	2021-2022 1805650008	Syskosan Pharmaceuticals.
3	ABHISHEK CHITRANSHI	2021-2022 1805650002	Working in Company “Artech Infosystems Private Limited” in Noida
4	ALOK GUPTA	2021-2022 1805650010	Business Development Associate, Online Sales Exotic Learning
5	ANURAG BISWAS	2021-2022 1805650013	Running Gaming Compony Zedi Esports Private Limited
6	ANUSHKA MEHTA	2021-2022 1805650014	Pulsus healthtech LLP, Gurgaon, Haryana
7	ARUN KUMAR CHAURASIYA	2021-2022 1805650017	Troikaa Pharmaceuticals Ltd
8	ARUN KUMAR YADAV	2021-2022 1805650018	Pharmacist at Prem Sewa Hospital Society Balarampur District
9	ASHISH BHATIA	2021-2022 1805650020	Trainee as Sales Executive in Sun Pharma, Agra
10	ATIQR RAHMAN	2021-2022 1805650021	Pharmacist at Sparsh Hospital, Sant Kabir Nagar
11	DHEERAJ YADAV	2021-2022 1805650027	Medical Scribing at IDS, Infotech, Mohali
12	MANISH KUMAR GOYAL	2021-2022 1805650043	Trainee as Sales Executive at Sun Pharma Coronus a sun pharma division
13	KAJAL PAL	2021-2022 1805650036	Lecturer at RPS College of Pharmacy, Barabanki
14	SHIVANGI SINGH	2021-2022 1805650070	Manager -Tele Underwriter for Care Health Insurance limited.
15	MUKESH KUMAR	2021-2022 1805650046	Pharmacist at Satyamev Hospital, Ahmedabad Omgene life sciences Pvt. Ltd. (Trainee research associates)
16	PRAVEEN KUMAR PATEL	2021-2022 1805650049	Trainee in Arron Intas Pharmaceutical Ltd
17	PRIYA KASHYAP	2021-2022 1805650051	Program coordinator at Pulsus Healthcare Ltd
18	SUPRIYA PANDEY	2021-2022 1805650079	Program coordinator at Pulsus Healthtech LLP.
19	VIRENDRA KUMAR	2021-2022 1805650086	Production Trainee at MacLeod’s Pharmaceuticals Ltd. Baddi
20	SHIV PRATAP KUSHWAHA	2021-2022 1805650067	Appr. Trainee Production at AKUMS Rashtra Pratham
21	VIVEK SRIVASTAVA	2021-2022 1805650088	Optometrist at Anshuman Hospital, Indira Nagar, Lucknow
22	YOGESH CHANDRA	2021-2022 1805650089	Hospital Pharmacist at Phoenix Hospital and Trauma Centre Nainital
23	SUMANT KUMAR GUPTA	2021-2022 1805650076	As a Nursing Staff in Make well Hospital and Trauma Centre Deoria
24	VIVEK KUMAR PANDEY (LATERAL ENTRY)	2021-2022 1900560509003	Pharmacist at Divine Hospital, Bahraich
25	DIWAKAR PANDEY	2021-2022 1805650030	Medical Representative, Nova kind, Gonda
26	JITENDRA KUMAR GAUTAM	2021-2022 1805650035	Pharmacist at City Centre Hospital, Maharaj Ganj

SUCCESS STORIES

Shatrunajay Shukla

(2011)



Shatrunajay Shukla, a 2011 graduate of the Pharmacy Department, has established a notable career path at the Indian Pharmacopoeia Commission under the Ministry of Health & Family Welfare, Government of India. With a Ph.D. in Toxicology, Shatrunajay specializes in various areas including drug safety, public health, medical device safety, and in-vitro diagnostic safety. His expertise spans across natural products, toxicology, and cell signaling, contributing significantly to the commission's regulatory efforts in ensuring the safety and efficacy of pharmaceuticals and healthcare products in India.

Anurag Tripathi

(2011)



Anurag Tripathi, a 2011 graduate of the Pharmacy Department, currently serves as a Senior Executive at Alembic Pharmaceutical Ltd. His tenure at the company has been marked by continuous learning and professional growth. Anurag has honed his problem-solving skills, prioritized employee safety, and effectively managed tasks under pressure. His dedication and exemplary performance have been acknowledged with a commendable performance certificate from his superiors. Anurag's journey reflects his commitment to personal development and contributing positively to the success of Alembic Pharmaceutical Ltd.

Vinay Dubey

(2011)



Vinay Dubey, a 2011 graduate of the Pharmacy Department, has carved an illustrious career path in the pharmaceutical industry. Currently serving as a Senior Manager at Syneos Health, Vinay brings over a decade of experience as a Medical Writer and Pharmacovigilance professional. With previous roles at Covance, Cognizant, and Parexel, Vinay has demonstrated his results-oriented approach and leadership skills in managing teams and delivering high-quality work. A graduate of NIPER Mohali and Dr. Hari Singh Gour University, Vinay's commitment to excellence has contributed to the success of major projects totaling \$42,80,000 for esteemed clients.

ALUMNI SPEAKS
(Letter to the Director)

Mr. Shantanu Gupta; 2011;

Branch Manager Bank of Baroda, Mumbai.

I, Shantanu Gupta, from the illustrious batch of 201, stand before you as a testament to the transformative power of our Pharmacy education. While my roots lie in pharmaceuticals, I have blossomed into the Branch Manager of Bank of Baroda in Mumbai. The strong foundation laid by this esteemed department has been my guiding light through diverse career paths. I extend my deepest gratitude to the Director Sir and faculty members whose unwavering support sculpted my success. It is an honor to represent our alma mater in the banking sector, a testament to the versatility of our education, thank you for shaping me into the professional I am today.

Mr. Sumit Srivastava; 2012;

Branch Manager Union Bank of India; Ghazipur.

It is with immense pride that I, Sumit Srivastava from the batch of 2012, address you today. From my roots as a pharmacy student, I have flourished into the Branch Manager of Union Bank of India in Ghazipur. The values instilled by this esteemed pharmacy department have been the corner stone of my success. I owe a debt of gratitude to Director Sir and faculty members whose guidance shaped my journey. It is an honor to represent our alma mater in the banking sector, a testament to the diverse opportunities our education provides.

Thank you for empowering me to thrive.

Ms. Vandana Verma, 2011,

Income, Tax Department, Lucknow

I Vandana Verma, from the distinguished batch of 2011, stand before you as a testament to the versatility of our pharmacy education, through my journey began in pharmaceuticals, now serve with pride in the Income Tax Department in Lucknow. The comprehensive education has equipped me with the skills and adaptability to excel in diverse fields. I extend my heartfelt gratitude to the faculty whose guidance has been instrumental. I would like to thank Director Sir for shaping my journey. It is an honor to represent our alma mater in the public sector, showcasing the breadth of opportunities our education offers.

Ms. Gayatri Rawat, 2012,

Senior Executive. Innova Cas tap Pvt. Ltd, Panchkula (Haryana)

I, Gayatri Rawat, from the esteemed Batch of 2012, am a living testament to boundless opportunity our pharmacy education offers. Transitioning from the pharmaceuticals, I now thrive as a Senior Executive at

Innova Cap tab Pvt. Ltd in Panchkula, Haryana. The holistic education imparted by our department has been instrumental! in shaping my carrier trajectory. I extend my deepest gratitude to the faculty whose unwavering support feuded my success. It's an honor to represent our alma mater in the corporate world, exemplifying the excellence fostered here. Thank you for nurturing my journey towards professional fulfillment.

5. Mr. Obaid Ehsan, 2011;

Manager Arab national Bank, Saudi Arabia

I, Obaid Ehsan, from the esteemed batch of 2011, am proud to share my success story. Transitioning from pharmacy studies, I now serve as a manager at Arab National Bank, In Saudi Arabia. The skills honed in our department have been pivotal in navigating the banking sector. I extend my heart felt gratitude to the Director Sir and faculty members for their guidance. It is an honor to represent our dims mater on, international stage. Thank you for shaping my career.

Mr. Satya Prakash Singh, 2012,

Senior Executive Alkem Laboratories, Sikkim

I, Satya Prakash Singh, from the distinguished batch of 2012, share my journey of success. starting from our esteemed Pharmacy department, I now serve as a Senior Executive at Alkem laboratories in Sikkim. The rigorous training and Knowledge imparted here have been instrumental in my career growth. I extend my heart felt gratitude to the faculty for their guidance.

It is an honor to represent our alma mater in the pharmaceutical industry. Thank you so much for lightening up my path of life.

Mr. Amandeep 2013

Quality Reviewer Wipro, Delhi

I, Amandeep, from the Esteemed batch of 2013, shared my journey of success, starting from our revered pharmacy education, I now serve as a quality reviewer at Wipro in Delhi. The comprehensive education and practical skills acquired here have been pivotal in my career advancement. I extend my heartfelt gratitude to the Director sir and faculty members for their unwavering Support. It is an honor to represent our alma mater in the corporate sector. Thank you for nurturing my growth.

Ma Anurag Tripathi, 2011

Senior Executive Alembic Pharmaceuticals, Vadodara

I, Anurag Tripathi, from the esteemed batch of soul, share me journey of success Beginning in our department, I now thrive as a senior Executive Alembic Pharmaceuticals in Vadodara. The robust education and practical experience gained here have been instrumental in shaping my career. I extend my deepest gratitude to director sir and faculty members for their guidance. It is an honor to represent our alma mater in the pharmaceutical industry, thank you respected Director sir for shaping my paths.

PUBLICATIONS

1. Priyanka Prajapati, Anand Kumar, Areesh Zehra, Sapana Kushwaha. Investigating the Role of Angiotensin Receptor Blockers (ARBs) In High Fat Diet-Induced Sarcopenic Rats Associated Muscle Wasting, *Neuroquantology*, 1303-5150, 20. 488-501, 2022. (Anka, Impact factor: 0.45)
2. Priyanka Prajapati, Areesh Zehra, Priyanka Maurya, Alka, Jiten Singh, Anand Kumar, Sapana Kushwaha. Evaluation of Azilsartan Transdermal Hydrogel in Volumetric Muscle Loss Injury in a Rat Model, *Journal of Pharmaceutical Negative Results*, Pg. 2229-7723, 2022. (EBSCO, Impact factor: 0.56)
3. Priyanka Prajapati, Anand Kumar, Rishabh Chaudhary, Shubhada Mangulkar, Malti Arya, Sapana Kushwaha. “A Comprehensive Review of Essential Aspects of Molecular Pathophysiological Mechanisms with Emerging Interventions for Sarcopenia in Older People”. *Current Molecular Pharmacology*, Pg. 1874-4672, 2022. (Bentham Science, Impact factor: 2.7)
4. Itishree Dubey, Priyanka Prajapati, Areesh Zehra, Sapana Kushwaha and Richa Shrivastava. “A Novel Insight into Signaling Pathways, Animal Models, and Interventions in Psychological Stress Induced Muscle Atrophy”, *EC Pharmacology and Toxicology*, 2022. (E-Cronicon, Impact factor: 1.0)
5. Anand Kumar, Priyanka Prajapati, Pankaj Kumar, Kanchan Kumari. “Effect of Phenylbutyrate on Skeletal Muscle Atrophy induced by Hindlimb Unloading in Wistar Rat”. *NeuroQuantology*, 17, 20, Pg. 480-487, 2022. (Anka, Impact factor: 0.45)
6. Anand Kumar, Priyanka Prajapati, Rohit Kumar, Sapana Kushwaha. “Exploring the potential of beta- 2 agonists, salbutamol against muscle atrophy using computational approaches”. *Journal of Pharmaceutical Negative Results*, 5, 13, Pg. 2709-2718, 2022. (EBSCO, Impact factor: 0.56)
7. Anand Kumar, Chaitany Jayprakash Raorane, Deepak Rawat, Priyanka Prajapati, Ritu Raj, Dinesh Kumar, Seong Cheol Kim, Vinit Raj and Sapana Kushwaha. “Atenolol ameliorates skeletal muscle atrophy and oxidative stress induced by cast immobilization in albino Wistar rat”. *Biomedicines*, 11, 1269, 1-15, 2022. (MDPI, Impact factor: 4.7)
8. Singh, P.; Alka; Maurya, P.; Nisha, R.; Singh, N.; Parashar, P.; Mishra, N.; Pal, R. R.; Saraf, S. A., QbD-assisted development of lipidic nanocapsules for antiestrogenic activity of exemestane in breast cancer. *J. Liposome Res.* 2023, 33 (2), 154-169. (Impact Factor 4.4)
9. Pal, R. R.; Rajpal, V.; Singh, N.; Singh, S.; Mishra, N.; Singh, P.; Maurya, P.; Alka; Saraf, S. A., Downregulation of pro-inflammatory markers IL-6 and TNF- α in rheumatoid arthritis using nano-lipidic carriers of a quinone-based phenolic: an in vitro and in vivo study. *Drug Deliv. Transl. Res.* 2023, 13 (2), 627-641. (Impact Factor 5.4)
10. Mishra, N.; Pal, S.; Sharma, M.; Nisha, R.; Pal, R. R.; Singh, P.; Singh, S.; Maurya, P.; Singh, N.; Mishra, P. R., Crosslinked and PEGylated pectin chitosan nanoparticles for delivery of Phytic acid to colon. *Int. J. Pharm.* 2023, 639, 122937. (Impact Factor 5.8)

11. Mishra, N.; Pal, S.; Sharma, M.; Nisha, R.; Pal, R. R.; Singh, P.; Singh, S.; Maurya, P.; Singh, N.; Mishra, P. R., Crosslinked and PEGylated pectin chitosan nanoparticles for delivery of Phytic acid to colon. *Int. J. Pharm.* 2023, 639, 122937. (Impact Factor 5.8)
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13. Singh, P.; Singh, N.; Mishra, N.; Nisha, R.; Maurya, P.; Pal, R. R.; Singh, S.; Saraf, S. A., Functionalized bosutinib liposomes for target specific delivery in management of estrogen-positive cancer. *Colloids Surf. B Biointerfaces* 2022, 218. (Impact Factor 5.8)
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15. Prajapati, P.; Zehra, A.; Maurya, P.; Singh, J.; Kumar, A.; Kushwaha, S., Evaluation of azilsartan transdermal hydrogel in volumetric muscle loss injury in a rat model. *Journal of Pharmaceutical Negative Results* 2022, 2517-2522. (Impact Factor NA)
16. Parashar, P.; Singh, N.; Maurya, P.; Saraf, S. A., An Assessment of In-vitro and In-vivo Evaluation Methods for Theranostic Nanomaterials. *Curr. Pharm. Des.* 2022, 28 (2), 78-90. (Impact Factor 3.1)
17. Nisha, R.; Kumar, P.; Kumar, U.; Mishra, N.; Maurya, P.; Singh, P.; Tabassum, H.; Singh, S.; Guleria, A.; Saraf, S. A., Assessment of hyaluronic acid-modified imatinib mesylate cubosomes through CD44 targeted drug delivery in NDEA-induced hepatic carcinoma. *Int. J. Pharm.* 2022, 622. (Impact Factor 5.8)
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19. Maurya, P.; Saklani, R.; Singh, S.; Nisha, R.; Mishra, N.; Singh, P.; Pal, R. R.; Kumar, A.; Chourasia, M. K.; Saraf, S. A., Effective uptake of folate-functionalized ethionamide-loaded hybrid system: targeting alveolar macrophages. *Nanomedicine* 2022, 17 (24), 1819-1831. (Impact Factor 5.5)
20. Maurya, P.; Pandey, P.; Singh, S.; Sonkar, A.; Singh, S.; Saraf, S. A., Appraisal of Felodipine Nanocrystals for Solubility Enhancement and Pharmacodynamic Parameters on Cadmium Chloride Induced Hypertension in Rats. *Curr. Drug Deliv.* 2022, 19 (5), 625-634. (Impact Factor 2.4)
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PHARMACIST'S OATH



I Swear by the code of Ethics of Pharmacy Council of India in relation to the community and shall act as an integral part of health care team.

I shall uphold the laws and standards governing my profession.

I shall strive to perfect and enlarge my knowledge to contribute to the advancement of pharmacy and public health.

I shall follow the system, which I consider best for pharmaceutical care and counseling of patients.

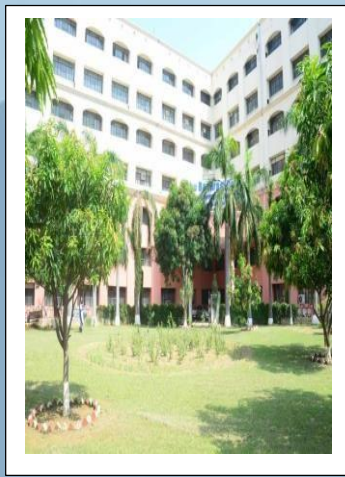
I shall endeavour to discover and manufacture drugs of quality to alleviate sufferings of humanity.

I shall hold in confidence the knowledge gained about the patients in connection with professional practice and never divulge unless compelled to do so by the law.

I shall associate with organizations having their objectives for betterment of the profession of Pharmacy and make contribution to carry out the work of those organisations.

While I continue to keep this Oath in violated, may it be granted to me to enjoy life and the practice of pharmacy respected by all, at all times!

Should I trespass and violate this oath, may the reverse be my lot!



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