

Mr. Shiv Kumar
B. Pharmacy, M. Pharmacy (Pharmaceutics)



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Career Objectives

To work pragmatically in an organization where I can utilize my talents and enhance my skills to meet organizational goals and objectives with full integrity and enthusiasm. These also brush up my knowledge.

Academic Qualification

DEGREE	YEAR	INSTITUTE	UNIVERSITY/BOARD	% CGPA
Ph.D.*	2021	Department of Pharmaceutical Sciences and Technology	Maharaja Ranjit Singh Punjab Technical University	Pursuing*
M. Pharmacy (Pharmaceutics)	2017-2019	Department of Pharmaceutical Sciences and Technology	Maharaja Ranjit Singh Punjab Technical University	7.96
B. Pharmacy	2013-2017	School of Medical and Allied Sciences	Galgotias University	8.75
XII	2013	IP Convent Sr. Sec. School	CBSE Board	56 %
X	2011	IP Convent Sr. Sec. School	CBSE Board	8.4

Professional Experience

- **Maharaja Ranjit Singh Punjab Technical University**, (Department of Pharmaceutical Sciences and Technology), Bathinda, Punjab (Sept 2021- May 2025)
Designation: Assistant Professor (Lecturer)
- **Shri Venkateshwara University**, Gajraula, UP (Feb 2021 – Aug 2021)
Designation: Assistant Professor (School of Pharmacy)
- **Evig Biopharma LLP.** (Dec 2019 - July 2020)
Designation: Brand Management Trainee
- Completed UGC-NRC Module A1 training program for two months under Prof. Om Prakash Katara at Panjab University, Chandigarh, Punjab (India) from 10th March to 11th May 2019.

M. Pharm Research Topic

Institution: Department of Pharmaceutical Sciences and Technology,
Maharaja Ranjit Singh Punjab Technical University, Bathinda.
Project Title: Characterization and Evaluation of Different Varieties of Starch in Tablet Formulation.
Mentor: Dr. Amit Bhatia, Associate Professor, MRSPTU, Bathinda.
Description: Working on a novel isolated starch to use as a pharmaceutical excipient such as a binder and disintegrant in tablet formulation.

Project During B. Pharm

Institution: School of Medical & Allied Sciences, Galgotias University, Greater Noida.

Project Title: Pharmaceutical Market Research of Drugs Treating Diabetic Patients on Various Concerns.

Mentor: Mr. Vipin Kumar, Asst. Professor, SMAS, GU University, Greater Noida.

Description: The project involved the investigation of drugs available in the market for the treatment of diabetic patients in a present scenario with its pathogenesis and diagnosis.

Details of patents

S. No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1.	Extruder for Making Edible Straw	Dr. Amit Bhatia, Mr. Shiv Kumar	367675-001	14/07/2022	IPR/India	Granted
2.	Mosquito Trapper	Dr. Amit Bhatia, Mr. Shiv Kumar	366860-001	27/06/2022	IPR/India	Granted
3.	Atomizer for Spray Dryer	Dr. Amit Bhatia, Mr. Shiv Kumar	352091-00 I	26/10/2021	IPR/India	Granted

Publications

1. **Kumar S**, Chauhan N, Chopra S, Bhatia A. Nanocarriers and Nanomaterials in Dentistry: A Review on Common Dental Issues and their Management. Current Pharmaceutical Design. 2025 Apr 8.
2. Sharma D*, **Kumar S***, Garg Y, Chopra S, Bhatia A. Nanotechnology in Orthodontics: Unveiling Pain Mechanisms, Innovations, and Future Prospects of Nanomaterials in Drug Delivery. Current Pharmaceutical Design. 2024 May 10;30(19):1490-506.
3. Singh S, Kumar M, Kumar D, **Kumar S**, Chopra S, Bhatia A. Therapeutic Precision: Unveiling the Potential of 3D Printing in Drug Delivery, Tissue Engineering, and Regenerative Medicine. 3D Printing and Additive Manufacturing. 2024 May 6.

FDPs/Workshops

1. Participated in Two-Day Workshop on Advanced Spectral and Chromatographic Techniques Organized by the Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bhatinda, under ANRF-SERB Sponsored Project, from 6th To 7th Feb 2025.
2. Participated in Online Faculty Development Program Organized by School of Pharmaceutical Sciences, CT University, in Collaboration with Association of Pharmaceutical Teachers of India, APTI, Punjab, from 9th To 13th Jan 2023.
3. Participated in Online One Week Faculty Development Program on Research and Innovation in Paramedical and Allied Health Sciences, Organized by the Department of Paramedical and Allied Health Sciences, School of Medical and Allied Health Sciences, and University, Galgotias University, Greater Noida, Uttar Pradesh, from 22nd To 26th November 2021

Posters/Oral Presentation

- Kumar S., Bhatia A., “Comparative Analysis of Mango, Barnyard Millet and Maize Starches in Pharmaceutical Tablet Formulation: Physicochemical Characteristics and Drug Release Profile “, International Conference on Advancement and Futuristic Trends in Mechanical and Material Engineering (AFTMME-23), MRSPTU, Bathinda, 26th to 28th October 2023.
- Kumar S., Bhatia A., “Characterization and evaluation of tablets prepared from different native starches”, 81st FIP World Congress of Pharmacy and Pharmaceutical Sciences, Brisbane, Australia, September 24 to September 28, 2023 (Online Mode).
- Kumar S., Bhatia A., “Formulation and Evaluation of Tablet Containing Different Variety of Native Starches”, 7th Edition of Global Conference on Pharmaceutics and Novel Drug Delivery Systems, Hybrid Conference, held at Paris, France (9/8/2022 - 9/10/2022).
- Kumar S., Bimbrawh S., Chopra S., Bhatia A., Biocompatible Phospholipid-Based Nanostructured Vesicular Drug Delivery System of Ketoprofen, Jamia Millia Islamia, New Delhi, 6th – 7th March, 2019.
- Mandal U.K., Sandhu K.S., Starch – Exploring its new potentials, Poster No. AP-76: 23rd Annual National Convention of Pharmaceutical Teachers of India (APTICON–2018) APTI Rajasthan State Branch & Swami Keshvanand Institute of Pharmacy, Jaipur, Rajasthan, 5th – 6th Oct., 2018.
- Kumar S., Bhatia A., Mandal U.K., Sandhu K.S., Starch Modification and Its Techniques, Poster No. PH-13: Role of Clinical Pharmacist in Advancing Health Care, Amity University, Noida, Uttar Pradesh, 26th-27th Oct., 2018.

Personal Details

- Date of Birth 28 Feb 1995
- Father's Name Mr. Ram Lakhan
- Nationality Indian
- Gender Male
- Address C-455, Begumpur, Opp. Rohini Sec-22, North-West Delhi, India.
Pincode-110086
- Subjects of Interest Pharmaceutics
- Hobbies Playing Cricket, Sketching, Travelling
- Languages Known Hindi, English

Declaration

I hereby solemnly affirm that all the details provided above are true to the best of my knowledge.

Yours Sincerely

Date:

Place: Delhi

(Shiv Kumar)