

**Kumaun University, Nainital**  
**Curriculum Vitae**

---

Name : **Ms.Maneesha Pathak**  
Designation : Assistant Professor  
Department : Department of Pharmaceutical Sciences, Sir JC Bose  
Technical Campus, Bhimtal, Kumaun University

Contact Information

- Email Address: [pathakmahi986@gmail.com](mailto:pathakmahi986@gmail.com)
- Mobile No : 9411320452

LinkedIn Profile (Optional) : [www.linkedin.com/in/maneesha-pathak-a9664622b](http://www.linkedin.com/in/maneesha-pathak-a9664622b)

ORCID ID : 0000-0001-9086-3923

Scopus ID : [pathakmahi986@gmail.com](mailto:pathakmahi986@gmail.com)

❖ **Educational Qualification- **GPAT qualified**** (National level entrance exam)

Degree	University	Subjects	Year
Phd	Kumaun University	Pharmacy	pursuing
M.Pharm	Kumaun University	Pharmaceutical Chemistry	2020
B. Pharm	UTU	Pharmaceutical Science	2018
12 <sup>th</sup>	U.K Board	Science	2014

**Work Experience**

Position	Department	University/Organization	Year/ Months
Assistant Professor	Dept of Pharmaceutical Science, Bhimtal Campus	Kumaun University	2 years, Presently Working

❖ **Research Interests**

(Medicinal Chemistry, CADD, Spectral Analysis, Biochemistry)

My research interests are rooted in the multifaceted field of Pharmaceutical Chemistry, where I am driven to explore innovative approaches to drug discovery, design, and development. With a focus on medicinal chemistry, my interests extend to the design and synthesis of small molecules and biologics targeting to various therapeutic areas. My educational background and research experiences have equipped me with a strong foundation in Pharmaceutical

chemistry (Organic & Inorganic), Medicinal chemistry, Chemistry of Natural Products and Pharmaceutical analysis, providing me with the necessary tools to contribute meaningfully to advancements in drug discovery and development by synthesising lead molecule and traditionally used medicinal plants respectively.

### ❖ Publications

#### a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
<b>Maneesha Pathak</b> , Anita Singh, Archana N Sah	<i>In-silico</i> drug design and molecular docking studies of Poly ADP- Ribose Polymerase (PARP-1) inhibitors as Anticancer agents	International Journal of Pharmaceutical Sciences & Nanotechnology, 6396-6406	2023
Sah Gunja, kumar Sonu, Bhatt Priyanka, Shah GC, <b>Pathak Maneesha</b> , Sah Archana	Comprehensive Analysis of Mentha longifolia subsp. Himalaiensis essential oil: GCMS profiling, Nemsticidal, Antioxidant and Antimicrobial Properties	Journal of the Indian chemical society	2024
Maneesha Pathak	Antiuro lithic activity of <i>chicorium intybus</i> plant extract	International Journal of Pharmacy Research, 5-9	2017

#### b) Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Archana N Sah, <b>Maneesha Pathak</b> , Bhuwan C Joshi, Bhupendra G Praapati	A unique compilation of whole system: Approaches to curtail colon cancer through herbal medicine	Elsevier	9780443138706	2024
Archana N Sah, <b>Maneesha Pathak</b> , Pooja Rawal, Dewesh Tewari	Natural Scaffold for Prevention and Treatment of Neurodegenerative Disorders”	Taylor & Francis	9857463215542	2025

❖ **Teaching details**

Name of the course/paper	Department	University	Year/
<b>B. Pharm</b> Medicinal Chemistry Biochemistry Organic Chemistry Pharmaceutical Analysis	Dept of Pharmaceutical Sciences, Sir JC Bose technical Campus, Bhimtal	Kumaun University	Aug, 2023 to present
<b>M. Pharm</b>	Process Chemistry, Advanced Medicinal Chemistry	Kumaun University	Aug, 2023 to present

❖ **Honours and Awards**

Award	Awarding Organization	Year
Vice Chancellor <b>Gold Medal Award</b> (M. Pharm)	Kumaun University	2020 Batch

❖ **Conference Presentations**

Title of presentation	Conference name	Name of the institution	Year
<b>Maneesha Pathak, Archana N Sah</b> Antimicrobial activity of traditional used medicinal Plant <i>Premna species</i> against skin pathogens	UCOST 18 <sup>th</sup> conference	Uttarakhand State Council for Science & Technology	2024
<b>Maneesha Pathak, Archana N Sah</b> Review on: <i>Premna Barbata</i> as traditional plant	National Conference/Workshop on Food Technology & Nutrition: Enhancing Flavour, Health, and Well-being through Culinary Practices	Community College, Bhimtal, Kumaun University in collaboration with UCOST	2024
<b>Maneesha Pathak, Archana N Sah</b> Phytochemical Screening and physiochemical studies of <i>Premna species</i> as folk	International conference on medicinal plants, health and quality life	Graphic Era Hill University, Bhimtal	2022

remedies for skin infections			
------------------------------	--	--	--

**Signature of the faculty member**