

**Sudhir Kumar Kathane**

Position -Associate Professor

Qualification - M. Pharm.

Specialization - Pharmaceutics

Department – LCIT School of Pharmacy, Bilaspur,(C.G.)

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[kathanesudhir@gmail.com](mailto:kathanesudhir@gmail.com)**Academic Qualifications:**

Examinations	Year	Board/University	Subject	Percentage	Remark
M. Pharm.	2019	CSVТУ, Bhilai	Pharmaceutics	76.50%	Passed
B. Pharm.	2016	CSVТУ, Bhilai	Pharmacy	76.00%	Passed
12th	2012	CGBSE, Raipur	PCM	68.00%	Passed
10th	2010	CGBSE, Raipur	Hindi	70.00%	Passed

**Research work-**

- **M. Pharm. Project – One year dissertation**

***“To formulate and evaluate sustained release tablet of indomethacin by using natural polymers like xanthan gum and guar gum”*** under the esteem supervision of **Dr. Shashikant Chandrakar** (Associate Professor) of Columbia Institute of Pharmacy, Raipur C.G.

- **B. Pharm. Project – Six– month dissertation**

***“Digital Pharmaceutical Marketing ”*** under the esteem supervision of **Dr. Rishi Paliwal** (Associate Professor) of Columbia Institute of Pharmacy, Raipur C.G.

## Work experiences-

S. No.	Position held	University	From	To	Total experiences
1.	Assistant Professor	Columbia Institute Of Pharmacy, Raipur C.G.	16 Aug 2019	02 Sep 2021	02 Years
2.	Assistant Professor	SRKCOP's, Rahod, Janjgir – Champa C.G.	21 Dec 2021	05 Aug 2023	01Year 07Months
3.	Associate Professor	LCIT School of Pharmacy, Bilaspur C.G.	07 Aug 2023	Till date	02Years 07Months
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### Job Strength:

Documentation and Administrative work, Examination department , Traininig and placement in-charge, Work in PCI portal.

### Achievements:

- **Qualified GPAT-2017** which was conducted by All India Council of Technical Education (AICTE)-New Delhi.
- **Statue-19** has been approved.

### Publications:

#### Book Chapters Published:

Book Name: "Recent Research in Treatment of Neurodegenerative Diseases "Vol. no. I, Scripown Publication.

1. Chapter no.1, **Sudhir Kumar Kathane**, Khushboo Verma, Gomeshwari, Surabhi Sahu, Anita Devi Chauhan, "Recent advancement and future directions in the treatment of neurodegenerative diseases by polymeric materials", 2022, 1-22.
2. Chapter no.2, **Sudhir Kumar Kathane**, Gomeshwari, Anita Devi Chauhan, Harsha Soni, Shailesh Pradhan, Jhakeshwar Prasad, "Peptide based pharmacological activity and their use for the treatment of neurodegenerative diseases", 2022,23-41.
3. Chapter no.3, **Sudhir Kumar Kathane**, Jhakeshwar Prasad, Akhilesh Kumar Sahu, Divya Sahu,Triloknath Patel, Deepika, Chhatrapal, "Nonsteroidal anti-inflammatory drugs for retinal neurodegenerative diseases ", 2022, 92-109.

Book Name: "Advanced Pharmaceutical Phytomolecules : Nanoscience, Part-II, Bentham Science Publication.

1. Chapter no. 5, **Sudhir Kumar Kathane**, Jhakeshwar Prasad, Akash Verma, "Recent advancement in tumour targeting drug delivery system and their fundamental so advanced pharmaceutical nanoscience", 2024, 110-187

### **Patent:**

1. Application No. 202241028324A, Publication date : 27/05/2022

Title of the invention : An artificial intelligence – based approach to study how the membranous cells support for diffusion of drug molecules.

Name of the applicants: **Sudhir Kumar Kathane**, Dr. D. Sumithra, Mrs. Shyamali Das, M Mohammad Sahinsha, Akhilesh Kumar Sahu, Muganda Munir Manini, Pankaj Kumar Sahu, Anadndhi S, Abhishek Kumar, Ranjit Kumar Puse.

### **Research Papers:**

#### **1. Published by RJPDFT.16(1): Jan-March 2024**

Title: Formulation and Evaluation of Indomethacin Sustained Release tablet by using Natural Polymers.

Name of Authors: **Sudhir Kathane**, Dr. Shruti Rathore, Dr. Shashikant Chandrakar.

#### **2. Published by IJPS. 2(5):June 2024 328-335**

**ISSN : 0975-4725**

Title : Anti-arthritis activity of sustained release tablet of Indomethacin.

Name of authors : **Sudhir Kathane**, Manisha Karsh ,Rajesh Kumar Chandra.

#### **3. Published by IJPS.2(5):May 2024 1142-1151**

**ISSN: 0975-4725**

Title : Formulate and evaluate controlled release of rofecoxib tablet

Name of authors: **Sudhir Kathane**, Brajesh yaduraj.

#### **4. Published by journal for basic science. 25(3):2025 252-268**

**ISSN:1006-8341**

Title:In-vitro and In-vivoCharacterization of peptide PEGylated nanoparticles for the treatment of RA

Name of authors: **Sudhir Kathane**, Shashank Kumar Tiwari, Abhilasha Singh.

#### **5. Published by IJNNN. 11(1): June 2025 27-35**

**ISSN:2455-3492**

Title: Formulate and evaluation of ajwain exfoliating cream

Name of authors: **SudhirKathane**, Akash Patel, Ashwani Tanwar.

#### **6. Published by DOMDOA. 4: June 2025 20-30**

**ISSN: 2456-3765**

Title: Formulation and characterization of effective herbal formulation for the treatment of DM.

Name of authors: **Sudhir Kathane**, Rahul Kumar, Ritesh Jain.

## Review Papers:

**1. Published by IJPS. 2(6): May 2024 814-822  
ISSN: 0975-4725**

Title: Anti-cancer activity of cisplatin and its toxicity.  
Name of authors : **Sudhir Kathane**, Pinki Chandra, Gagan Panda.

**2. Published by IJNNN. 11(1):June 2025 36-41  
ISSN: 2455-3492**

Title: Embracing nature: The rise of herbal exfoliating creams in skin care  
Name of authors: **Sudhir Kathane**, Akash Patel, Ritesh Jain.

**3. Published by IJCEM. 11(1) : June 2025 14-19  
ISSN:2640-7582**

Title: Exploring the efficacy of herbal anti diabetic preparation : A review of current research and future directions.

Name of authors : **Sudhir Kathane**, Rahul Kumar, Ritesh Jain.

## Personaldetails:

Father's name:	Mr. Sudesh Kathane
Mother's name:	Mrs.Savita Kathane
Date of Birth:	04/01/1994
Language proficiency:	Hindi and English
Marital status:	Unmarried
Address:	Ward no.04 Mahatma Gandhi ward, Saraipali, District Mahasamund (C.G.) 493558

## Declaration

I am Sudhir Kumar Kathane declare that the information mentions here in true and correct to the best of my knowledge.

**Sudhir Kumar Kathane**

