

**SANDIP CHATTERJEE**  
**Assistant Professor**  
**Pharmacognosy and Phytochemistry**



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**Orcid id-** 0009-0005-9043-3364

**Total Experience-** 3.5 Years

**CAREER OBJECTIVE: -**

Dedicated Assistant Professor of Pharmacognosy & Phytochemistry with expertise in studying plant-derived natural products for their medicinal properties. Skilled in conducting research, developing, and implementing curriculum, and providing guidance to students in the field of natural product chemistry. Committed to advancing knowledge in pharmacognosy through teaching, research, and community engagement.

**PUBLICATIONS (SCI/ SCOPUS/ WEB OF SCIENCE): -**

- Chatterjee S. Biological multi-omics approaches to next-generation biomarkers in immune-related disorders and malignancies: An overview. *Clinical and Translational Oncology*. 2025 Dec 1:1-6. **(Springer Nature , IF- 2.5)**
- Chatterjee, S. (2025). Medicinal Innovation Source of Liliaceae: mapping phytochemical diversity and pharmacological breakthroughs. *Current Traditional Medicine*, 12. **(Scopus-Bentham Science-Q3):IF-0.9**
- Chatterjee S. A mini overview of Recent herbal medicine innovations progress against BPH. *Current cancer therapy review*. 2025;4(15). **(Scopus indexed- Bentham science) (Impact factor- 1.0)**
- Chatterjee S. Chatterjee, S. (2025). Phytochemical and Phytopharmacological Insights into Argemone mexicana: Integrative Approaches in Eastern Indian Region as Folk Medicine. *Current Drug Research Reviews*, 17. <https://doi.org/10.2174/0125899775362872250319082142> **(Scopus indexed-Bentham Science) (Q3) (IF- 1.3)**
- Chatterjee, S. (2025). Unveiling the therapeutic potential of *Plumeria pudica*: GC-MS Analysis, phytochemical insights, and histopathological evaluation for Wound Healing and Anti-Diabetic applications. *Tropical Journal of Natural Product Research (TJNPR)*, 9(5), 2279-2290. <https://doi.org/10.26538/tjnpr/v9i5.56> **(Scopus indexed) (Q3)**
- Chatterjee, S. (2025). Development and assessment of *Adenium obesum* flower extract-based ointment for antifungal activity. *Indian drugs*, 62(07), 56–63. <https://doi.org/10.53879/id.62.07.15372>. **(Scopus Indexed journal) (Q3)**
- Chatterjee S. Development and Evaluation of *Amaranthus spinosus* Methanolic Extract Ointment for in-Vivo Wound Healing Properties in Wistar Rats”, *Journal of Natural Remedies*, issn:2320-3358, Vol.24, Issue 11, November-2024, <https://doi.org/10.18311/jnr/2024/45307> **(Scopus indexed) (Q4)**
- Chatterjee S. A comprehensive review of peptic ulcer disease: epidemiology, experimental models, and mechanistic insights. *Journal of Applied Pharmaceutical Research*. 2025;13(2):39-54. **(Scopus indexed). (Q3)**

- Chatterjee S. Pharmacognostical, phytochemical and phytopharmacological activities of *Solanum torvum* utilized as a traditional medicinal herb: A review. Journal of Applied & Natural Science. 2024;16(3). (**Scopus Indexed**) (**Q4**)
- S chatterjee. Computational assessment of the toxicological profile of the degradation products of the covid-19 drug Paxlovid, 2025 Ai-driven smart healthcare for society 5.0, Kolkata, India, 2025, pp- 1-4. Doi- 10.1109/IEEECONF64992.2025.10962885. (**Conference -Scopus Indexed**)
- Chatterjee S. Natural Marine species bioactive compounds and their ethnopharmacological approach from ecological: Sustainable therapeutic Properties: A mini review. 2025; 17 (3); 697-706 (**Web of Science- Core collection**) (**ESI , Pubshub Indexed**)
- Chatterjee S. Potent *in vitro* Antioxidant, Antimicrobial, and Antidiabetic Effects of a Polyherbal Mixture: Evidence from 3T3-L1,  $\beta$ -TC6, and C2C12 Cell Line Studies. Pharmacog Res. 2025;17(3):961-72 (**Web of science Core collection**) (**ESI indexed journal**)
- Chatterjee S . Elucidating the phytochemical profile and therapeutic potentials of moringa oleifera: an integrative approach. in *prospects in pharmaceutical sciences*. 2025 Aug 8(2025 Early Access) (**Web of science – ESI indexed journal**)
- Chatterjee S. An Overview on Microneedle Technology: Superior Pharmaceutical Transdermal Delivery Forms. Int. J. Pharm. Investigation. 2026;16(1):1-12. (**ESI Indexed journal**)

#### (Non Indexed Journals)

- **Ms chatterjee**, Exploration of Pharmacognostical and pharmacological potential of *Solanum indicum* berries belongs to the family of solanaceae, journal of advanced zoology, 45(1), 681-6973. (Web of Science)
- **S Chatterjee**. Polyphenol - To enhance the overall effectiveness of lung cancer treatment strategies, International Journal of Moder Pharmaceutical Research, 7(12), 21-30.

#### REVIEWER OF JOURNALS:

- Sandip chatterjee, Certificate of Excellence in reviewing to Asian journal of research in biochemistry. 2024 (peer review)
- Sandip chatterjee, Certificate of Excellence in reviewing to “Annual research and review in biology, 2024. (peer review)
- Sandip chatterjee, Certificate of Excellence in reviewing to Journal of Pharmaceutical Research international. 2024 (peer review)

#### BOOKS AND BOOK CHAPTER

- **Fundamental Aspects of pharmacognosy sciences**, 1st edition, Sandip chatterjee
- ISBN; 9789393620712
- **Futuristic trend in Pharmacy and biotechnology-** Chapter 3, Pharmacognostical and pharmacological potential of *Solanum indicum* linn. ISBN 9789355709967
- **Phytopharmacological studies of *Solanum indicum* berries**. ISBN 978620780533-4, Sandip chatterjee.



**EDUCATIONAL HISTORY: -**

Degree/ Class	Specialization	College/School/University	Grade
PhD*	Pharmaceutical science (Pharmacognosy)	SANSKRITI UNIVERSITY	2027 (Anticipation time line)
M. Pharm	Pharmacognosy- Natural products science	BPUT, Rourkela	87.5%

**CONFERENCES & CERTIFICATION: -**

- Faculty Development Program titled “Innovative DoE Strategies and Effective Research Publishing,” 24th to 28th September 2024.
- Faculty Development Program titled “Herbal medicine: Harmonizing Traditional knowledge and modern health care system from 05/08/24 to 09/08/24
- Faculty Development Program titled “Popular lecture series in biotechnology” organized by Govt of India, Department of biotechnology from 18-20 September ,2024
- AICTE Faculty Development Program titled Topic-Recent trends, advancements and Opportunities in phytochemical research and development" from 06/12/2021 to 10/12/2024.
- FDP on “Empowering Pharma educators: Technological advance, cutting edge and entrepreneurial ventures from 23 July to 27 July, 2024.

**DECLARATION: -**

I hereby declare that the information furnished above is true to the best of my knowledge. All the necessary documents will be produced on demand.

*Sandip Chatterjee*