

Brief Biodata

Dr. SHANKAR MONDAL
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CURRENT POSTING:

Assistant Professor of Zoology, Department of Zoology, PNG Govt. Postgraduate College, Ramnagar, Nainital, Uttarakhand. From 01 July 2023 to till date

PREVIOUS POSTINGS:

1. Assistant Professor of Zoology, Department of Zoology, LSM Govt. PG College, Pithoragarh, Uttarakhand [Selected through UKPSC]. Since 10 Sept 2014 to 30 June 2023.
2. Assistant Professor of Zoology [Ad hoc] , Department of Zoology, Shivaji College, Delhi, University of Delhi, New Delhi, India. From 21 July 2012 to 09 Sept 2014.
3. Scientist III [Ad hoc]: Department of Biochemistry, AIIMS, New Delhi. 11 August 2011 to 20 July 2012.

EDUCATION:

2004-2010	Ph.D. (Physiology)	All India Institute of Medical Sciences [AIIMS], New Delhi, India
2000-2002	M.Sc. (Zoology/ Animal Science)	MJP Rohilkhand University, Bareilly, India
1996-1999	B.Sc. Zoology and Botany	MJP Rohilkhand University, Bareilly, India

ACADEMIC HONORS/AWARDS/ GRANTS:

2010	UK-India Science bridge grant: For presenting research paper at UKPHARMSCI-2010 held at University of Nottingham, United Kingdom
2010	International Travel grant by Department of Science and Technology, Govt. of India
2009-2011	ICMR-Senior Research & Research Associate fellowship: Indian Council of Medical Research (ICMR), New Delhi.
2008-2009	AIIMS-Institutional PhD Fellowship
2003-2008	CSIR-National Eligibility Test (NET) - Junior & Senior Research Fellowship
1992-1994	National Talent Search fellowship

PUBLICATIONS:

Research papers in national and international journals. Four Edited Books.
Cumulative Citations-769

1. Vineeta Sharma, Suraj Joshi, Suman Bhandari, **Shankar Mondal**. A Survey on Practice of hygiene and knowledge about menstruation in women of Pithoragarh, Uttarakhand, India. India Journal of Clinical Practice 2025; [In Press] ISSN; 0971-0876

2. Suraj Joshi, Suman Bhandari, Vineeta Sharma, Mukesh Samant, **Shankar Mondal** Phytochemicals of *Momordica charantia* L. as Potential GSK-3 Inhibitors: A Comprehensive In-Silico Study on Antidiabetic Activity and Pharmacokinetic Properties. High Technology Letters 2025; 31 (8). ISSN 1006-6748
3. Suraj Joshi, Vineeta Sharma, Suman Bhandari, Mukesh Samant, **Shankar Mondal**. Computational insight into *Andrographis peniculata* L. as an Ebola VP-35 inhibitor. International Education and Research Journal, 2025; 11(7): 204-215. EISSN: 2454-9916
4. Vineeta Sharma, Suraj Joshi, Suman Bhandari, **Shankar Mondal**. Menstruation problem due to polycystic ovarian syndrome: Himalayan medicinal plant, *Zanthoxylum armatum*, DC, (Timur), may block CYP-17, 5 α -reductase and human androgen receptors. International Journal of Advanced Research and Development, 2025; 10 (1): 46-55. ISSN: 2455-4030
5. **Shankar Mondal**, BR Mirdha, MM Padhi, SC Mahapatra: Dried leaf extract of *Tulsi* (*Ocimum sanctum* Linn) reduces cardiovascular disease risk factors: Results of a double blinded randomized controlled trial in healthy volunteers. J Preventive Cardiology, 2012; 1 (4): 177-181. ISSN 2249-6559
6. **Shankar Mondal**, VD Bamola, BR Mirdha, SN Naik, S Verma, MM Padhi, Nalin Mehta and SC Mahapatra. Double-blinded randomized controlled trial for immunomodulatory effects of *Tulsi* (*Ocimum sanctum* Linn) leaves extract on healthy volunteers. Journal of Ethnopharmacology, 2011; 136: 452-456. (ISSN: 038-8741, Elsevier Publications, (**Impact Factor- 5.4, Citations-196**)
7. **Shankar Mondal**, VD Bamola, BR Mirdha, SN Naik, S Verma, MM Padhi, Nalin Mehta and SC Mahapatra. Effects of *Tulsi* (*Ocimum sanctum* Linn) on immune parameter of healthy volunteers. Journal of Pharmacy Pharmacology, 2010; 62 (10): 1486-1487 (ISSN-0022-3573, Royal Pharmaceutical Society of Great Britain-Wiley-Blackwell publications, UK, special issue, **Impact Factor- 3.76**).
8. **S Mondal**, BR Mirdha and SC Mahapatra. The Science behind sacredness of *Tulsi* (*Ocimum sanctum* Linn.). Indian J Physiology Pharmacology, 2009; 53(4): 291-306. ISSN 0019-5499. [**Impact Factor 0.252, Citations-244**]
9. **Shankar Mondal**, VD Bamola and SC Mahapatra. Plant as a medicine: Need of scientific exploration of traditional knowledge. The Pharma Review, 2009; 7 (41): 101-102. ISSN 0973-3399X

EDITOR OF BOOKS:

1. AK Chaturvedi, Dharam Beer Singh, **Shankar Mondal** [Eds] 2023. Role of ICT in Education Nikhil Publishers and Distributors, Agra, UP, India ISBN 9789355523907
2. AK Chaturvedi, **Shankar Mondal**, Kuldeep Singh [Eds] 2020, Changing Scenario of Education: Challenges and Solution [Covid-19] Publisher: Ishika Book Distributors, Agra, UP. ISBN:978-83-87697-83-6
3. **Shankar Mondal**, Mahisha Bisht, AK Chaturvedi [Eds] 2020, Moral Thoughts in Gandhian Philosophy. Publisher: Sahitya Sanchay, New Delhi. ISBN: 978-93-89809-22-0
4. Editorial Board Member Proceedings of second international symposium on medicinal and nutraceutical plants. Acta Horticultutae; 2013: 972. Publisher, International Society of Horticultural Science, Leuven, Belgium. ISSN 0567-7572.

BOOK CHAPTERS:

1. Vineeta Sharma, Suraj Joshi, Suman Bhandari and **Shankar Mondal**. Save time and resources: Age of computer aided drug discovery. In, Artificial Intelligence: A modern approach in different fields, Rashmi Pant, Vibha Pandey, Pradeep Pandey [Eds], 2025. Lulu Publication, NC, USA. ISBN: 978-1-300-97305-8

ACADEMIC CONTRIBUTION AS REVIEWER / EDITOR/ TEACHER:

1. Reviewer:

- a. Materials Today Proceedings, Elsevier
- b. Indian Journal of Physiology and Pharmacology
- c. African Journal of Microbiology
- d. Biopesticides International

2. **Syllabus Development:** Prepared syllabus of specialization paper- Immunology for MSc Zoology- Sem IV, Kumaun University, Nainital. Board of Studies of KU have approved and adapted it and first batch successfully completed in 2017. It was a first of its kind in the country in a non-medical university.

3. **Seminar/ Symposium/ workshops organized:** 2 International symposium, 1 national seminar, 3 Regional workshops

4. **Seminar/ Symposium/ workshops Attended:** 63 National and International

MEMBERSHIP OF PROFESSIONAL BODIES:

1. Indian Immunology Society, New Delhi, India- **Life Member**
2. Association of Physiologists and Pharmacologists of India-**Life member**
3. The Royal Pharmaceutical Society of Great Britain, United Kingdom-**Member-2010**