

Dr Satyendra Pandey

Scientist C

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Date of Birth: 10 June 1981

Date of Superannuation: 30 June 2043

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Academic career:

S. No.	Degree Awarded	Institution / University	Year	Field of Study
1.	PhD	APS University Rewa, Madhya Pradesh, India	2010	Zoology
2.	M. Sc.	APS University Rewa, Madhya Pradesh, India	2004	Zoology (Specialization in Entomology)
3.	B.Sc.	APS University Rewa, Madhya Pradesh, India	2002	Botany, Zoology, Chemistry

Professional career:

2023-present	Scientist C, ICMR-NITHR, Jabalpur.	Entomology, Vector Borne Diseases, Virology, Vector Bionomics, Insecticide Resistance Monitoring,
2013-2023	State Consultant (Entomologist)	National Health Mission- VBDCP, Directorate of Health Services, Bhopal- Madhya Pradesh
2011-2013	District VBD Consultant	National Health Mission- VBDCP, District Health Society, district Chhindwara, Madhya Pradesh.

Award/Prize/Certificate/training/academic achievements etc.

- WHO Fellowship (Sponsored by GoI) to study / virtual training on Malaria Vector Surveillance during 1st to 3rd March 2023.
- The APMEN- Mohanlal Sukhadia University 3rd **International** Malaria Vector Surveillance for Elimination Course (3rd MVSE) training during 03rd to 15th July 2022 at Udaipur, India.
- The National TOT on MMDP (Morbidity Management and Disability Prevention) for Lymphatic Filariasis from 11th to 13th May 2022 at Alappuzha Kerala, India organized by WHO with coordination of NCVBDC Delhi, India.
- National level Training of Trainers on Community Transmission Assessment Survey for Lymphatic Filariasis during 25th to 27th August 2021, at Lucknow, Uttar Pradesh, India.
- Online Training-Entomological Intelligence Web based capacity building Programme on Vector Borne Diseases organized by Absolute Human Care Foundation, New Delhi in Collaboration with Department of Zoology, University of Calicut, Kerala & Surendranath College, Kolkata, West Bengal, India, completed in Dec-2020
- National Workshop for VBDs capacity strengthening from 9th to 13th March 2020 at ICMR-VCRC, Puducherry, India.
- National ToT for Transmission Assessment Survey at Lucknow, Uttar Pradesh, India during 21st to 23rd January 2020.
- Training workshop to accelerate Malaria burden reduction HBHI (High Burden High Impact) at Bhopal MP, India, during 2nd to 05th Dec 2019 organized by WHO with coordination of NCVBDC Delhi, India.
- Training Course for Biologist / Senior Entomological at Vector Control Research Centre Puducherry, India, during 15th to 27th February 2016.
- Training to master trainers to Control VBD during Simhasth Mela Ujjain” at NIMR, Delhi during 11th to 15th January 2016.
- Brain Storming workshop on Integrated Vector Management at NCDC Auditorium, organized by Directorate of NVBDCP Delhi in collaboration with WHO, during 2nd to 7th November 2015.

List of completed/ongoing projects

Sl No	Title of Project	Role in the projects	Status
1.	Vector incrimination studies for Japanese Encephalitis virus in central India	Principal Investigator	Ongoing
2.	Malaria vector surveillance and monitoring of insecticide resistance in endemic districts (Neemuch and Balaghat) of Madhya Pradesh	Principal Investigator	Ongoing
3.	M.Sc. Public Health Entomology (PHE) Programme	Nodal Officer/ Incharge MPHE	Completed
4.	State Level Virus Research and Diagnostics Laboratory (VRDL) for the establishment of a network of laboratories for managing epidemics and Natural Calamities	Co-Principal Investigator	Ongoing

SI No	Title of Project	Role in the projects	Status
5.	Apex Referral Lab (ARL) for Dengue and Chikungunya (Service Project, (Working with Dr. Pushpendra Singh, Scientist F)	Working with Dr. Pushpendra Singh, Scientist F	Ongoing
6	Development of novel molecular diagnostic targets for detection of scrub typhus.	Co-Principal Investigator	Ongoing
7	AES therapeutics: study on the astrocyte specifics mechanisms of neuroinflammation in response to Japanese encephalitis virus/OT antigens and its modulation by molecular and pharmacological inhibitors	Co-Principal Investigator	Ongoing
8	Large-scale (Phase III) evaluation of efficacy, fabric integrity and community acceptability of HILNET long-lasting insecticidal net in different eco-epidemiological settings in India.	Co-Principal Investigator	Ongoing
9	Large-scale (Phase III) evaluation of efficacy, fabric integrity and community acceptability of MAGNET long-lasting insecticidal net in different eco-epidemiological settings in India.	Co-Principal Investigator	Ongoing
10	Large-scale (Phase III) evaluation of efficacy, fabric integrity and community acceptability of VEERALIN long-lasting insecticidal net in different eco- epidemiological settings in India.	Co-Principal Investigator	Ongoing

Publications in peer-reviewed indexed journals: (*Joint first author)

1. Harshavarthini M*, S Kombiah, **Pandey S***, Rawal V, Anjal, K, Singh P, Barde PV. Preliminary evaluation of inactivated antigens as diagnostic controls in molecular detection of vector-borne diseases in low-resource settings. Journal of Vector Borne Diseases 63(2):p 254-256, Apr-Jun 2026. | DOI: 10.4103/jvbd.jvbd_79_25
2. Anjal K, Rawal V, **Pandey S**, Harshavarthini M, Verma AK, B Mohan, S Gurha, G Sondhiya, A Ansari, S Kombiah, S Shrivastava, Barde PV, Singh P. Vector incrimination studies on Lymphatic filariasis in rural areas of endemic Datia District in Madhya. Transactions of the Royal Society of Tropical Medicine and Hygiene. DOI: 10.1093/trstmh/traf045. Manuscript ID: TRSTMH-D-24-00344 (accepted on 1st April 2025). (impact factor in June 2024: 1.9).
3. Kabirpanthi V, Singh AR, Kahar P, Pathak A. **Pandey S**, Jayswar H. Household Survey to Evaluate the Coverage of Mass Drug Administration for the Lymphatic Filariasis in District Umaria, Madhya Pradesh, India in Year 2023. Future Health 2023; 1(1):15-23. doi:10.25259/FH_20230101_7