

## **Brief CV of Dr. Hemwati Nandan**

**Name:** Dr. Hemwati Nandan

**Designation:** Professor

**Address:** Department of Physics, HNB Garhwal Central University, Srinagar Garhwal - 246174.

**Emails:** [hemwati.nandan.physics@gmail.com](mailto:hemwati.nandan.physics@gmail.com) & [hnandan@associates.iucaa.in](mailto:hnandan@associates.iucaa.in), **Mobile:** 7017907069.

**Educational Qualifications:** M.Sc., Ph.D. [M.Sc. with first position in university merit list & Ph.D. with Sandwich Model Scheme Fellowship of DAAD Germany from Kumaun University, Nainital].

**Domain Expertise:** Theoretical High Energy Physics (THEP), Classical GR and Environmental Physics.

### **Publications & Presentations:**

- (i) Over 100 publications in the Journals/Bulletins & Proceedings of repute.
- (ii) Over 100 contributory/invited/popular talks in regional/national/international events.

Visit: [https://scholar.google.co.in/citations?user=c\\_Mg0gQAAAAJ&hl=en](https://scholar.google.co.in/citations?user=c_Mg0gQAAAAJ&hl=en)

**Conference/Seminars/ Workshops/ Schools (National and International) Participated:** Over 100.

**Countries Visited/Worked in:** Germany, Italy, Thailand, UAE, Switzerland, South Africa, and Nepal.

**Ph.D. Supervision:** 09 (awarded)/05 (registered), **Post-Doc Supervision:** 02, **M.Sc. Dissertations:** 35.

**Research Projects (Completed/Ongoing):** 04 /01, **Conference/Workshop etc. Organised:** over 25.

### **Positions, Academic Honours/Awards:**

1. Assistant Professor at the Department of Physics, Gurukula Kangri (Deemed to be University), Haridwar from March 24, 2011 - July 11, 2022.
2. Local event coordinator for Vigyan Sarvatra Pujyate program of Vigyan Prasar, Government of India held at Gurukula Kangri (Deemed to be University), Haridwar during 22-28 March 2022.
3. Best teacher award conferred by Hon'ble VC of Gurukula Kangri (Deemed to be University), Haridwar, India on 26.01.2022 (Republic Day of India) for exemplary contribution to teaching.
4. Shodh Ratna Award conferred by Hon'ble VC of Gurukula Kangri (Deemed to be University), Haridwar, India on 26.01.2022 (Republic Day of India) for remarkable contribution to research.
5. **Board Member of School of Physical & Material Sciences, Himanchal Pradesh Central University (HPCU), Dharmsala, India (term in continuation).**
6. **Honorary Extra-ordinary Associate Professor at the Center for Space Research (CSR), North-West University, South Africa (term in continuation).**
7. Visiting Professor at the Center for Space Research, Physics Department, North-West University (Mahikeng Campus), Republic of South Africa during 23 June to July 7, 2019.

8. Visiting Scientist, Astrophysics and Cosmology Unit (ACRU), University of KwaZulu-Natal, Durban, Republic of South Africa during 17-23 June, 2019.
9. Visiting Scientist, Institute of Physics, University of Zurich, Switzerland 3 - 30 June, 2018.
- 10. Member, National Steering Committee, Rashtriya Aavishkar Abhiyan, Ministry of Human Resource Development, Government of India (term in continuation).**
11. Visiting Scientist, Institute of Physics, University of Zurich, Switzerland June 8 - July 8, 2017.
12. Research fellowship for a research stay by the German Academic Exchange Service (DAAD), Germany during September 1-October 10, 2013.
- 13. Research Associateship of the Inter University Centre for Astronomy and Astrophysics, Pune, India 2012 (fourth term is in progress and each term is of three years).**
14. Young Scientist Award-2011 by Uttarakhand State Council for Science & Technology (UCOST) during 6th USSTC during 14-16 November 2011.
15. UGC Dr. D. S. Kothari higher post-doctoral fellowship by the University Grants Commission, New Delhi, India from August 2009-March 2011.
16. Research fellowship for a research stay by the German Academic Exchange Service (DAAD), Germany during May 15-July 14, 2009.
17. High Energy Guest Scientist Fellowship of HECAP Section by the Abdus Salam International Centre for Theoretical Physics (ASICTP), Italy in 2009.
18. DST-DFG award to participate in the 58th Noble Laureates Meeting from June 29-July 4, 2008 at Lindau (Germany).
19. Research Associateship at the Centre for Theoretical Studies, Indian Institute of Technology, Kharagpur, India from October, 2006-August, 2009.
20. German Academic Exchange Service (DAAD) Sandwich Model Scheme Fellowship by DAAD, Bonn, Germany in 2004 and 2005.
21. Junior Guest Scientist Fellowship of HECAP Section, ASICTP, Trieste, Italy in 2004.