

CURRICULUM VITAE

Name : **Sanjay Kumar Bhardwaj**
Ph. D.

Father's Name : Shri. J. N. Bhardwaj

Present Status : **Professor**

Nationality : Indian

Address : **Department of Zoology**
Ch. Charan Singh University
Meerut

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Meerut-250 004 (U.P.)

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Total Research Experience : 29 years including predoctoral

Training and Expertise : Laparotomy and other conventional approaches
(castration, ovariectomy etc.) used for studying
photoperiodism and seasonal reproduction

Standard techniques used for activity rhythm
recordings

Area of Research : Photoperiodism and Seasonal breeding in birds

Light color and intensity in understanding breeding.

Publications : Full Length Papers – **46**
Papers in Proceedings – **03**
Articles in Books - **02**

Fellowships : JRF & SRF- DST (1988 - 1991)
CSIR -Research Associate (1994-1996)

Awards and Honours : **Fellow**, The Academy of Environmental Biology
(FAEB), 2012
INSA Exchange Program Fellowship, 2007
INSA Exchange Program Fellowship, 2017

Seminar/ Symposia	:	National - 38
		International - 14
Workshops/Training programmes	:	18

Research Projects

Ongoing - 01

- **2013-2018:** Anticipation in genes: Molecular, physiology and behavioral correlates of response of circannual clocks to seasons in night-migratory song birds- **Department of Biotechnology, New Delhi**

Completed- 05

- 2013-2016: A study on migratory orientation behaviour in the Palaearctic-Indian night-migratory songbirds- **Department of Science & Technology, New Delhi**
- 2011-2014: A study of the dynamics of the photoperiodic response system in brahminy myna (*Sturnus pagodarum*) – **University Grants Commission, New Delhi**
- 2007-2010: Sensitivity of the Entrainment Pathway in a Photoperiodic Bird - **Department of Science & Technology, New Delhi**
- 2004-2007: A study of wavelength and intensity dependence of photoperiod-induced seasonality in the brahminy myna (*Sturnus pagodarum*) - **University Grants Commission, New Delhi**
- 2001-2004: Photoperiodic control of reproduction and immune function in house sparrow, *Passer domesticus* – **Council of Scientific and Industrial Research, New Delhi**
- Reproductive functions under variable light intensities in birds - **UGC/CCSU (Minor)**

Conferences

International

- **2017:** XXVI International Bioacoustics Congress, Gurukula Kangri Viswavidyalaya, **Haridwar, India**
- **2017:** International Symposium on Biological Timing and Health Issues in the 21st Century, University of Delhi, **Delhi, India**

- **2017:** International Conference on Reproductive Biology and Comparative Endocrinology, University of Hyderabad, **Hyderabad, India**
- 2016: 29th Conference on International Society for Chronobiology, **Suzhou, China**
- 2015: CSHA Conferences-Biological Rhythms, **Suzhou, China**
- 2014: 26th International Ornithological Congress, Rikkyo University, **Tokyo, Japan**
- 2012: 10th International Symposium on Avian Endocrinology, **Gifu, Japan**
- 2012: International Congress in Chronobiology 2012, University of Delhi, **Delhi, India**
- 2011: World Congress for Global Climate Change & Biodiversity Conservation, Gurukula Kangri Viswavidyalaya, **Haridwar, India**
- 2010: 25th International Ornithological Congress, **Campos do Jordão, SP, Brazil**
- 2006: 24th International Ornithological Congress, **Hamburg, Germany**
- 2004: 14th International Congress on Photobiology, **Jeju, Korea**
- 2004: International Conference on Bird and Environment, Gurukula Kangri Viswavidyalaya, **Haridwar, India**
- 1990: International Symposium on Current Status of Chronobiology, Pt. Ravi Shankar Shukla University, **Raipur, India**

National

- **2017:** National Symposium on Biodiversity and Natural Resources for Sustainable Development, Ch. Charan Singh University, **Meerut**
- **2017:** Outreach program on Human health and biological timing, Mizoram University, **Aizawl**
- **2017:** National Symposium on Zoonotic diseases and their preventive measures, Ch. Charan Singh University, **Meerut**
- **2017:** Higher Education in India: Opportunities and Challenges, IQAC, Ch. Charan Singh University, **Meerut**
- 2016: Opportunistic Human Pathogens, Ch. Charan Singh University, **Meerut**.
- 2016: XXVI National Symposium on Chronobiology, University of Mysore, **Mysuru**
- 2016: Recent Innovative changes in Science and Technology, Humanities, Law & Commerce in context of Human Welfare, DAV (PG) College, **Muzaffarnagar**
- 2016: New Education Policy, IQAC, Ch. Charan Singh University, **Meerut**
- 2015: XXI National Symposium on Chronobiology, Pt. Ravi Shankar Shukla University, **Raipur**
- 2015: IQAC workshop, Ch. Charan Singh University, **Meerut**
- 2014: International Conference on Higher Education: Issues & Challenges, College of Education, **Greater Noida**
- 2014: National Seminar on Threats to Biodiversity and Ecosystems: Impacts of developmental projects and climate change, Gurukula Kangri Viswavidyalaya, **Haridwar**
- 2014: International Conference on Life Science and Bioengineering, IAMR, **Ghaziabad**
- 2014: National Conference on Innovations in Science and Technology for inclusive development, ISCA- Haridwar Chapter, Ch. Charan Singh University, **Meerut**

- 2014: National Seminar on Economic Up gradation: Environment degradation, **Rishikesh**
- 2013: National Seminar on Faunal Diversity and its Conservation, DAV (PG) College, **Muzaffarnagar**
- 2012: National Seminar on Emerging pollutants and pathogens: Challenges and Risk Reduction, Indian Institute of Toxicology Research, **Lucknow**
- 2012: National Conference on Environmental Problems and Remedial Measures, Ch. Charan Singh University, **Meerut**
- 2012: XXIII National Symposium on Chronobiology, Jai Narain Vyas University, **Jodhpur**
- 2011: National Seminar on Environment Management and Biodiversity Conservation, OIMT, **Rishikesh**
- 2011: XXII National Symposium on Chronobiology, Kurukshetra University, **Kurukshetra**
- 2010: Animal Biodiversity: Physiological aspects of environment strategies, MMH (PG) College, **Ghaziabad**
- 2010: Professional Development of Teachers in Global Perspective, College of Education, **Greater Noida**
- 2009: National Symposium on Mathematics in Computer Applications, CCS University, **Meerut**
- 2009: Symposium on Functional Biology: Comparative Aspects, University of Lucknow, **Lucknow**
- 2007: National Seminar on Medicinal Plants: Conservation, Cultivation & Utilization II, Gurukula Kangri Viswavidyalaya, **Haridwar**
- 2007: XIX National Symposium on Chronobiology, Madurai Kamaraj University, **Madurai**
- 2006: Therapeutic and diagnostic products for reproductive health: Recent trends and future prospects, Indian Institute of Technology, **Roorkee**
- 2006: National Seminar on Medicinal Plants: Conservation, Cultivation & Utilization, Gurukula Kangri Viswavidyalaya, **Haridwar**
- 2005: XVII National Symposium on Chronobiology, Banaras Hindu University, **Varanasi**
- 2003: National Seminar on alternative fuel in New Millennium for India, Chinmaya Degree College, **Haridwar**
- 2002: National Symposium on Zoology in New Millennium, University of Lucknow, **Lucknow**
- 2002: National Seminar on Environmental Biology and Fish Biology, Viswa Bharati, **Santiniketan**
- 2002: 4th Indian Agricultural Scientists and Farmer's Congress, Ch. Charan Singh University, **Meerut**
- 2001: National Symposium on Chronobiology, K. S. Saket (PG) College, **Faizabad**
- 2000: National Symposium Chronobiology, Gulbarga University, **Gulbarga**
- 1994: National Symposium on Chronobiology, Lucknow University, **Lucknow**
- 1989: 7th All India Symposium on Chronobiology, Karnatak University, **Dharwad**

Orientation, Refresher courses & Training Programmes

- **2017:** Workshop on Mechanisms of adaptation in the temporal environment, Mizoram University, **Aizawl**
- 2015: DST-SERB School in Avian Biology, North Eastern Hill University, **Shillong**
- 2015: DST-SERB School in Avian Biology, Gurkula Kangri Viswavidyalaya, **Haridwar**
- 2015: DST- SERB School in Chronobiology- III, Mangalore University, **Mangalore**
- 2014: National Workshop in Nematode Taxonomy (RANT-2014), CCS University, **Meerut**
- 2012: DST- SERB School in Chronobiology- III, North Eastern Hill University, **Shillong**
- 2011: DST- SERB School in Chronobiology-III, University of Delhi, **Delhi**
- 2010: DST- SERC School in Chronobiology II, JNCASR, Jakkur, **Bangalore**
- 2009: National Workshop on IPR-Awareness, Ch. Charan Singh University, **Meerut**
- 2009: National Workshop on Applied Nematology, Ch. Charan Singh University, **Meerut**
- 2008: DST - SERC School in Chronobiology II, University of Lucknow, **Lucknow**
- 2008: Thematic workshop on Avian Biology, Gurkula Kangri Vishwavidyalaya, **Haridwar**
- 2005: DST - Third SERC School in Chronobiology, Gulbarga University, **Gulbarga**
- 2004: Refresher Course in Zoology, Jai Narayan Vyas University, **Jodhpur**
- 2003: Refresher Course, Gurkula Kangri Vishwavidyalaya, **Haridwar**
- 2003: DST- Second SERC School of Chronobiology, Pt. Ravi Shankar Shukla University, **Raipur**
- 2002: DST - First SERC School of Chronobiology, University of Lucknow, **Lucknow**
- 1999: Orientation Course, Academic Staff College, University of Lucknow, **Lucknow**

Scientific meets/Symposia Organized at University

- **Treasurer**, National Symposium on Biodiversity and Natural Resources for Sustainable Development, **2017**
- **Co Organizing Secretary**, National Symposium on Zoonotic diseases and their preventive measures, **2017**
- **Convener**, National Workshop on Recent Advances in Nematode Taxonomy, **2014**
- **Coordinator**, DST-SERB School in Chronobiology, **2011**
- **Coordinator**, DST-SERC School in Chronobiology, **2007**
- **Co Organizing Secretary**- Recent Advances in Applied Zoology, **2006**

Members of the Scientific Bodies

Indian Science Congress Association	-	Life Member
Indian Society for Chronobiology	-	Life Member
International Society of Applied Biology	-	Life Member
Academy of Environmental Biology	-	Life Member
People for Animals	-	Life Member

Teaching & Research Experience

Post Graduate	-	21 (+) yrs
M. Phil. Supervised	-	39
Ph. D. Supervised	-	07
Ph. D Working	-	04
M. Phil. Working	-	02

Editorial Assignment

- *Assistant Editor*, Environment Conservation Journal

Administrative Experience

- **Assistant Warden**, Dr. R.K. Singh Hostel, 25.8.1997 to 05.10.1998
- Member, University Executive Council, Ch. Charan Singh University, 2002-2003
- **In charge**, University Guest House, Ch. Charan Singh University, 03.12.2006 to 31.3.2007
- **Warden**, Dr. B. R. Ambedkar Hostel, Ch. Charan Singh University, 18.5.2003 to 31.12. 2008
- Member, National Planning Committee on SERC School in Chronobiology II- Clock, Rhythms & Behavior, 2008 - 2010
- **Head**, Department of Zoology, Ch. Charan Singh University, July, 2011 to July, 2014
- **Member**, University Executive Council, , September 19, 2013 to September 18, 2014
- **Controller**, University Results, Ch. Charan Singh University 2011, 2012, 2013, 2014
- Special Invitee, DST-SERB Planning Committee Meeting for School in Chronobiology, Mangalore University, Mangalore, 2014
- **Controller, MCQ**, Ch. Charan Singh University, 2014-2015
- **Deputy Controller**, OMR Evaluation, Ch. Charan Singh University, 2015, 2016
- **Expert**, Board of Studies (Biosciences), Himachal Pradesh University, Shimla, 2015-2017
- **Coordinator**, University Results, Ch. Charan Singh University, 2016
- **Centre Superintendent**, Campus Entrance Test, 2016
- **Deputy Controller**, Back Paper Evaluation, Ch. Charan Singh University, 2016
- **Coordinator**, Back Paper Results, Ch. Charan Singh University, 2016
- **Deputy Controller**, Semester Evaluation, Ch. Charan Singh University, 2017
- **Coordinator**, Semester and Professional Results, Ch. Charan Singh University, 2017
- **Coordinator**, University Results, Ch. Charan Singh University, **2017**
- **Vigilance Officer**, CCS University, **January 7, 2010 - Continued**
- **Treasurer**, Indian Society for Chronobiology- **March 16, 2011- Continued**
- **Member**, Academic Council, Ch. Charan Singh University, **2015- Continued**
- **Member**, IQAC, Ch. Charan Singh University, **2017**