

## Curriculum Vitae : PROF. DINESH BHATT

**Qualification:** M.Sc., Ph.D. (Zoology).

**Area of research:** Bird breeding ecology, bioacoustics, diversity and conservation biology.

**Designation:** Professor & Head, Department of Zoology & Environmental Science and Registrar (Additional Charge), Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand.

**Research Experience:** About 40 years.

**Teaching Experience:** About 35 years.

**Date of birth:** 12 March 1956

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**Postal address:** Avian Diversity and Bioacoustics Lab., Department of Zoology and Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar-249404, Uttarakhand.

### Service Record:

S.No.	Place of work	Designation/ Post	Tenure
1	Gurukula Kangri Vishwavidyalaya (GKV), Haridwar, Uttarakhand	Registrar (Additional charge)	11.07.2018- Continue
2	GKV, Haridwar, Uttarakhand	Head, Department of Zoology & Environmental Science,	01.07.2018– Continue
3	GKV, Haridwar, Uttarakhand	Dean, Faculty of Life Science	01.07.2013–30.06.2016
4	GKV, Haridwar, Uttarakhand	HOD, Department of Zoology & Environmental Science	01.07.2007 – 30.06.2010
	GKV, Haridwar, Uttarakhand	Professor	04.01.2004 – Continue
5	GKV, Haridwar, Uttarakhand	Reader	04.01.1996 – 03.01.2004
6	GKV, Haridwar, Uttarakhand	Lecturer	06.12.1984 – 03.01.1996
7	HNB Garhwal University, Srinagar Garhwal	Research Scientist (DOEn)	September 1984 to December 1984
8	HNB Garhwal University, Srinagar Garhwal	Research Associate (DOEn)	December 1981 to August 1984
9	Banaras Hindu University, Varanasi	Senior Research Fellow (UGC)	December 1980 to November 1981
10	Banaras Hindu University, Varanasi	Junior Research Fellow (BHU/UGC)	December 1978 to November 1980

### **International Meeting Attended/ Paper Presented:**

1. The XXVII International Bioacoustics Congress will be held at the University of Sussex, Brighton, England from 31st August to 5th September 2019.
2. 27th International Ornithological Congress **Vancouver, British Columbia, Canada** August 19-26, 2018 (Convener of a symposium).
3. XXVI International Bioacoustics Congress, Haridwar, India 08-13 October 2017.
4. Indo-US Workshop & International Symposium on, "Biological Timing and Health Issues in the 21<sup>st</sup> Century" 22-24 February, 2017, Delhi, India (Chairman of a Session).
5. Scientific Programme Committee Meeting of the 27<sup>th</sup> International Ornithological Congress, **Vancouver**, Canada, 8-12 August, 2016 (as Member, Scientific Programme Committee).
6. XXV International Bioacoustics Council Congress, **Munich, Germany**, 7-12 September 2015.
7. 26<sup>th</sup> International Ornithological Congress, **Tokyo, Japan**, 18-24 August 2014.
8. XXIV International Bioacoustics Council Congress, **Pirenopolis, Brazil**, 8-13 September 2013.
9. International Congress on Chronobiology (Member, National Coordination Committee), New Delhi, India, 3-7 October 2012.
10. First International Conference on Indian Ornithology, Coimbatore, India, 19-23 November 2011.
11. The XXIII meeting of the International Bioacoustics Council (IBAC), **La Rochelle, France**, 12-16 September 2011.
12. 25<sup>th</sup> International Ornithological Congress, **Campos do Jordão, Brazil**, 22 - 28 August 2010.
13. International Conference on Environment & Energy Conservation, Dehradun, India, 2009.
14. XXII International Bioacoustics Council Congress, **Lisbon, Portugal**, 14-18 September 2009.
15. International Conference on vocal communication in birds & mammals, **St. Andrews, Scotland**, 31st July - 2nd August 2008.
16. International symposium on Current issues in Zoology and Environmental Science, Gorakhpur, India, 11-13 November 2006.
17. 24<sup>th</sup> International Ornithological Congress, **Hamburg, Germany**, 13-19 August 2006.
18. International Conference on Bird and Environment, Haridwar, India, 21- 24 November 2004.
19. 23<sup>rd</sup> International Ornithological Congress **Beijing, China**, 11-17 August 2003.
20. XXVI International Ethological Congress, Bangalore, India, 2-9 August 1999.
21. 22nd International Ornithological Congress, **Durban, South Africa** 16-22 August 1998.
22. First Asian Ornithological Congress and XIII Birdlife Asia Conference, Coimbatore, India, 1996.
23. International symposium on Environmental Approaches to Ornithology, Srinagar, India, 1991.
24. XXXI International Congress of Physiological Science, **Helsinki, Finland**, 9-14 July, 1989.
25. International symposium on Chronobiology, Hyderabad, India, 19-21 November 1986.

26. International symposium on Environment and Hormones, Srinagar, India, 27-31 October 1983.
27. 3<sup>rd</sup> Conference of Indian Society for Chronobiology- a Joint meeting with International Society for Chronobiology, Varanasi, India, 27-29 December 1979.

**Paper presented in National Conference/Symposia/Institutions:**

1. National Symposium on Avian Biology, Mizoram University, Aizawl, Mizoram, October 22-24, 2018 (invited talk/ Chairman of Session).
2. National Seminar on Researches in Environment and Biosciences: Current Scenario and Future Perspectives, Department of Zoology, DAV (PG) College, Dehradun 22-23 June, 2018 (invited talk).
3. National Seminar on 'Environmental Management and Technology, MGS University, Bikaner, 08-09 March, 2017 (invited talk).
4. Lucknow Science Congress, BBA University, Lucknow, 28 Feb.-02 March 2017 (invited talk).
5. Delivered a guest lecture at the Department of Zoology, Sikkim University, Sikkim, October 2016.
6. DST (Govt. of India) Inspire Programme, HNB Central University, Srinagar Garhwal, November 2016 (invited talk).
7. National Seminar on 'Status of India's biodiversity under changing climatic conditions with species reference to semiarid zone of Bundelkhand region for upliftment of rural economy & women empowerment', Bundelkhand University, Jhansi, 04-06 March 2016 (invited talk).
8. 3<sup>rd</sup> SERB School in Avian Biology, NEHU, Shillong, 27 Sept.-11 October 2015 (invited talk & resource person).
9. National workshop for Life Sciences on Biodiversity Conservation and Advanced Technology, Uttaranchal (P.G.) College of Biomedical Sciences and Hospital, Dehradun, 17 October 2015 (invited talk).
10. XXV National symposium on Chronobiology, Time in Biology and Medicine, Pt. Ravishankar Shukla University, Raipur, 27-29 March 2015 (invited talk)
11. 2<sup>nd</sup> SERB school in Avian biology, Gurukula Kangri Vishwavidyalaya, Haridwar, 8-22 March 2015 (invited talk and Coordinator of the School).
12. National Seminar on Life and life processes: Sustainable development, Goa University, Goa, 19-21 February 2015 (invited talk).
13. National Conference on Emerging Trends in Biological Sciences, Career College, Bhopal, 6-7<sup>th</sup> Feb. 2015.
14. National Conference on Faunal Diversity in India, Ambedkar Central University, Lucknow, 27-30 September 2014. (invited talk).
15. Training programme on advanced experimentations, Gurukula Kangri Vishwavidyalaya, Haridwar, 20-30 June, 2014 (invited talk).

16. National Workshop on Taxonomic Keys and Identification Tools of Different Groups of Flora and Fauna Including the Molecular Tools, Gurukula Kangri Vishwavidyalaya, Haridwar, 03-08 March 2014 (invited talk and resource person).
17. National Conference on 'Recent Advances in Biological Sciences' School of Life Sciences, Pt. Ravishankar Shukla University, Raipur Chattisgarh, 25-27 November 2013 ( invited talk).
18. National Conference on 'Status and Conservation of Biodiversity in India with special reference to Himalaya', University of Kashmir, 4-5 October, 2013 (invited talk).
19. DST (Govt. of India) sponsored 'Inspire Programme', HNB Garhwal University, 24 December 2012 (invited talk).
20. National Seminar on 'Status of Environment and Biodiversity: RIO+ 20 and role of space technology', Gurukula Kangri Vishwavidyalaya, Haridwar, 02– 03 November, 2012 (Convener).
21. National workshop on 'Taxonomic keys and identification tools of different groups of flora and fauna', Gurukula Kangri Vishwavidyalaya, Haridwar, 29 October-03 November, 2012 (invited talk and resource person).
22. National Workshop on 'Examination Reforms in Higher Education', 14-18 May 2012, Gurukula Kangri Vishwavidyalaya, Haridwar (Workshop Coordinator).
23. National Seminar on 'Environmental challenges and tools to manage sustainable development', Government College for Girls, Panchkula, 02 February 2012 (invited talk).
24. Delivered couple of invited lectures on Biodiversity and Acoustics Communication in Birds to the graduate students of biological sciences, Maharshi Dayanand College, Sri Ganganagar, 19 January 2012.
25. XXII National Symposium on Chronobiology, Kurushetra University, Kurukshetra 15-17 March 2011 (invited talk).
26. National Conference on 'Ganga pollution control' organised by 'Sarvamangala Sidhpeeth (Bihar) at Maha Kumbh Mela, Haridwar, 2010 (invited talk).
27. 'World House Sparrow Day Seminar', MKP, Dehradun, 2010 (Guest of Honour and a Keynote speaker).
28. DST (Govt. of India) sponsored 'Inspire' Programme, Department of Geology, HNB Garhwal University, Srinagar Garhwal, 10 December 2010 (invited talk).
29. Ornithological Meet organized by Federation of Indian Ornithological Societies, Bangalore 2009 (resource person).
30. National Seminar on 'Status of Biodiversity and Conservation', Haridwar, 27-28 February 2009 (invited talk).
31. National Symposium on functional biology: comparative aspects, Lucknow, 19-21 March 2009 (invited talk).

32. Ornithological Meet organized by Federation of Indian Ornithological Societies, Bangalore, 2008 (resource person).
33. National Seminar on 'Status of Bio-diversity among Mountainous States of India', Haridwar, 15-16 March 2008 (invited talk).
34. National Seminar on 'Bio-diversity of Himalayan states with Special Reference to Uttarakhand', Haridwar, 18-19 March 2007(invited talk).
35. National Seminar on 'Biodiversity of Uttaranchal State' Haridwar, 27-28 March 2006 (invited talk).
36. National Seminar on Inland Wetlands, Organized by SACON at New Delhi, 2005 (resource person).
37. Director's Conference, National Bal Bhawan, Haridwar, 2005 (invited talk).
38. 92<sup>nd</sup> Indian Science Congress, Nirma University Ahmedabad, 03–07 January 2005 (invited talk).
39. First School in Chronobiology, Lucknow, 2004 (resource person).
40. XV National Symposium on Chronobiology, Raipur, 2003 (invited talk).
41. National Seminar on Relevance of Biosphere Reserve, National Park and Sanctuaries in Present Context, Haridwar, 2002 (invited talk).
42. National Symposium on India's Faunistic Diversity and Environment, Haridwar, 2001 (invited talk).
43. National Seminar on Present Eco-Status of Ganga Water, Haridwar, 1998.
44. National Symposium on Environment Management in Mountain Region, Rishikesh, 1998.
45. National Seminar on Acoustics, Organized by Indian Acoustical Society, Calcutta, 1998 (invited talk).
46. 6<sup>th</sup> APSI National Seminar on Biological Diversity and Human Welfare, Rishikesh, 1997.
47. National Symposium on Environment and Birds, New Delhi, 14-16 November 1995.
48. National Symposium on Vedic Philosophy and Himalayan Eco-development, Haridwar, 1991.
49. National Symposium on Animal Protection under Changing Environment, Haridwar, 1986.
50. National Symposium on Fish and their Environment, Haridwar, 1986.
51. 68<sup>th</sup> Session of Indian Science Congress, Varanasi, 03-07 January 1981.
52. National Symposium on General and Comparative Endocrinology, Delhi, 24-26 November 1980.
53. 2<sup>nd</sup> Conference of Indian Society for Chronobiology, Bangalore, 11-14 December 1978.

### **Membership of the Academic Bodies:**

#### **A. International:**

1. International Ornithologist's Union, Secretariat: Baton Rouge, LA, USA (**Member in Committee of Representatives**).
2. International Bioacoustics Council, Secretariat: British museum London (**Executive member**).

#### **B.National:**

1. Association of Avian Biologists of India (President).

2. Indian Science Congress Association, Kolkata (Life member).
3. Ornithological Society of India (Founder member), Srinagar, Garhwal.
4. Zoological Society of India (Fellow of the Society), Bodh Gaya.
5. Bombay Natural History Society, Mumbai.
6. Indian Academy of Environmental Sciences (Founder member and Fellow of the Society), Haridwar, Uttarakhand.
7. Society for Applied Ornithology (Life Member), Hyderabad.
8. Indian Society for Chronobiology, Delhi.

**Research Projects Completed as Principal Investigator/Coordinator:**

S. No.	Client/Organization's name	Name of project	Duration of project	Amount of grant (Rupees)
1	DST	Song repertoire size of Pied Bush Chat: Correlation with mating status, mate choice, breeding success and recognition ability.	2012-2015	20,44,400
2	UGC	Functional diversity and fauna of Uttarakhand (SAP DRS II; Coordinator)	2010-2015	47,00,000
3	DST	Acoustic communication in Indian Chat <i>Cercomela fusca</i> and Pied Bush Chat <i>Saxicola caprata</i> : Characterization and behavioural correlates of songs and calls.	2007-2010	20,38,000
4	DST	Microstructure of song of the Oriental magpie robin <i>Copsychus saularis</i> .	2002-2005	10,28,400
5	UGC	Avian diversity and Community structure in lower Shiwalik hills.	2001-2003	5,000
6	DST	Acoustic signals in a few avian species: their characteristics and significance.	1997-2000	7,50,000
7	UGC	Study of vocal and visual signals in Spotted dove and Oriental magpie robin.	1995-1998	5,000
8	UGC	Study on the sociobiology of a few avian species.	1994-1996	5,000
9	UGC	Chronobiology of obesity.	1986-1989	5,000

**Ph.D. Students Produced:** Twenty two

**Ph.D. Students working at present:**Six

**M.Sc. Dissertations Supervised:** Forty three

**Foreign Collaborations:**

1. Irina M. Marova, Dept. of Biology, Moscow Lomonosov State University, Moscow, Russia (in process)
2. Prof. Lei Fumin, Institute of Zoology, Chinese Academy of Sciences, Beijing, China (in process).
3. Prof. Robert Payne, Department of Zoology, University of Michigan, U.S.A. (1999).
4. Prof. Franz Halberg, Director, Chronobiology Lab., University of Minnesota, U.S.A. (1987).

**Visiting Scientist:**

Dept. of Biology, Moscow Lomonosov State University, Moscow, Russia, 14-22 September 2015.

**Director/ Organizing Secretary/ Coordinator of the conferences/meetings:**

**A) International:**

1. International Bioacoustics Council Meeting, 8-13 October 2017, Haridwar, India (Convener).
2. International Conference on Bird and Environment, 21-24 November 2004, Haridwar, India (Organizing Secretary).

**B) National:**

1. 'Awareness Drive on Sparrow and Wildlife Conservation, 14-28 March 2019, Department of Zoology and Environment Science, Gurukula Kangri Vishwavidyalaya, Haridwar(Convener).
2. 'House Sparrow Day Celebration', 20 March 2018, Department of Zoology and Environment Science, Gurukula Kangri Vishwavidyalaya, Haridwar(Convener).
3. Workshop on 'Disaster Management & House Sparrow Conservation', 20 March 2017, Department of Zoology and Environment Science, Gurukula Kangri Vishwavidyalaya, Haridwar(Convener).
4. 'Programme Advisory Committee Meeting', NCSTC, DST(Govt. of India), 01-02 July 2016 (Coordinator).
5. 'House Sparrow Day Observance', in Districts Haridwar, Dehradun, Saharanpur and Kotdwar during 15-20 March 2016(Convener).
6. 'House Sparrow Day Celebration' with participation of international faculty, 20 March 2015(Convener).
7. '2<sup>nd</sup> SERB School in Avian Biology', Gurukula Kangri Vishwavidyalaya, Haridwar 08-22 March 2015 (invited talk/Coordinator of the school).
8. '2<sup>nd</sup> Meeting of the Advisory Committee' on Avian Biology School, Haridwar, 17-18 January 2015 (Coordinator).

9. 1<sup>st</sup> Meeting of the Advisory Committee (DST, Govt. of India) on Avian Biology School, Haridwar, 01-02 November 2014 (Coordinator).
10. Summer School (organized by The National Academy of Sciences, India), June 2014 (Coordinator).
11. World House Sparrow Day Programme, 20-21 March, 2014 (Convener).
12. Meeting of NCSTC (DST, Govt. of India) Committee on 'Establishment of S & T Centre', Gurukula Kangri Vishwavidyalaya, Haridwar, 09-10 December 2014 (Coordinator).
13. National Seminar on 'Status of Environment and Biodiversity: RIO+ 20 and Role of Space Technology', 02-03 November, 2012 (Convener).
14. National Workshop on 'Examination Reforms in Higher Education', Gurukula Kangri Vishwavidyalaya, Haridwar, 14 – 18 May 2012 (Coordinator).
15. National Seminar on 'Impacts of trends in climate change on biodiversity and faunistic systems', Gurukula Kangri Vishwavidyalaya, Haridwar, 19-20 February 2010 (Convener of the conference).
16. 'DST-SERC Thematic Workshop on Avian Biology', Gurukula Kangri Vishwavidyalaya, Haridwar, 27-30 November 2008 (Director).
17. 2<sup>nd</sup> meeting of the Advisory Committee (DST, Govt. of India) on Avian Biology Workshop, Gurukula Kangri Vishwavidyalaya, Haridwar, 2008 (Coordinator).
18. DST Advisory Committee Meeting on Brainstorming session on the Status of Avian Biology in India, Gurukula Kangri Vishwavidyalaya, Haridwar, 2007 (Coordinator).
19. National Conference on 'Biodiversity of Uttaranchal State', Gurukula Kangri Vishwavidyalaya, Haridwar, 27-28 March 2006 (Secretary).
20. National Symposium on 'India's Faunistic Diversity and Environment', Haridwar, 2001 (Organizing Secretary).
21. National Symposium on 'Faunistic Diversity, Environmental Monitoring and Biotechnology', Haridwar, 1998 (Secretary).

#### **Administrative Experience:**

1. Registrar, Gurukula Kangri Vishwavidyalaya, Haridwar (11.07.2018-Continue).
2. Head, Department of Zoology and Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar (01.07.2018 - Continue).
3. Nodal Officer, UGC Expert Committee visiting Gurukula Kangri Vishwavidyalaya, Haridwar, 22-24 January 2017.
4. Member, Planning and Monitoring Board, Gurukula Kangri Vishwavidyalaya, Haridwar (2014 - Continue).
5. Dean, Faculty of Life Science, Gurukula Kangri Vishwavidyalaya, Haridwar (2013 - 2016).
6. Co-ordinator, XII Plan Committee, Gurukula Kangri Vishwavidyalaya, Haridwar, (2013).
7. Co-ordinator, B.Sc. Admission Committee, Gurukula Kangri Vishwavidyalaya, Haridwar (2009).

8. Convener, Faculty Selection/Promotion Committee, Gurukula Kangri Vishwavidyalaya, Haridwar (2008).
9. Chairman of Back Service Counting Committee, Gurukula Kangri Vishwavidyalaya, Haridwar (2005 - Continue).
10. Coordinator, XI Plan Committee, Gurukula Kangri Vishwavidyalaya, Haridwar, (2007-08).
11. Head, Department of Zoology and Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar(July 2007 to 30 June 2010).
12. Chairperson, IX Plan Review Committee, Gurukula Kangri Vishwavidyalaya, Haridwar (2007).
13. Evaluation Superintendent, Gurukula Kangri Vishwavidyalaya, Haridwar (March 2007- May 2014).
14. Chairman, Planning and Implementation Committee, Gurukula Kangri Vishwavidyalaya, Haridwar(2006).
15. Asst. Exam Superintendent, Gurukula Kangri Vishwavidyalaya, Haridwar (2005-06).
16. Convener, Flying Squad, Gurukula Kangri Vishwavidyalaya, Haridwar (2005-06).
17. Chairman, Non-teaching Staff Categorization Committee, Gurukula Kangri Vishwavidyalaya, Haridwar(2005).
18. Joint Evaluation Superintendent, Gurukula Kangri Vishwavidyalaya, Haridwar (December 2002-March 2004).
19. Programme Officer, National Service Scheme, Gurukula Kangri Vishwavidyalaya, Haridwar (1989-1992).

**Honors and Distinctions:**

1. The Organising Committee of the International Bioacoustics Congress 2019 selected me to act as chairperson of a scientific session during IBAC 2019 in Brighton (Britain)
2. Selected as Convener of XXVI Meeting of the International Bioacoustics Council (IBAC, Munich.)
3. Selected as member of the Scientific Programme Committee of 27<sup>th</sup> International Ornithological Congress to be held in Vancouver, Canada in August 2018.
4. Selected as Convener of a symposium ‘Vocal communication and vocal control in sub-oscine passerines’ during 26<sup>th</sup> International Ornithological Congress (Tokyo, Japan) 18-24 August 2014.
5. Awarded M. C. Dash Medal by Zoological Society of India for outstanding research and academic contribution in the field of ornithology/Avian Chronobiology.
6. Member of the Scientific Committee of ‘International Bioacoustics Congress’ Pirenópolis, Brazil, 08-13 September 2013).
7. Member, National Planning Committee, SERB School in Avian Biology (Department of Science and Technology, Govt. of India).
8. Mahamana Madan Mohan Malaviya Samman by Chief Minister, Uttarakhand for leading contribution in the field of bird conservation and communication, 20 February 2013.

9. Acted as a Guide (2012 and 2018) under summer research fellowship programme jointly organized by three National Science Academies (Indian National Science Academy, New Delhi; Indian Academy of Sciences, Bangalore and The National Academy of Sciences, India, Allahabad).
10. Nominated as Executive Member of the International Bioacoustics Council, United Kingdom (2009-Continue).
11. Member in Committee of Representatives in the International Ornithologist's Union, USA (2003-Continue).
12. 'Hindi Sahitya Ratna' by Hindi Sahitya Sewa Sansthan, Kushinagar (2005) for contributing popular science articles in leading Hindi periodicals such as Kadambini (Hindustan Times Press) and Vigyan Pragati (CSIR Publications).
13. Fellow, Zoological Society of India (2005).
14. Gold Medal by Indian Academy of Environmental Sciences, Haridwar (2001).
15. Special Honour by Acoustical Society of India, Calcutta (1998).
16. Avian biology expert/conservation biologist of Ministry of Environment and Forests/Department of Science and Technology, New Delhi.

**Training/ Workshop/Refresher Course attended:**

1. Refresher course in Zoology, Banaras Hindu University, Varanasi (August 1992).
2. Workshop on Science subjects vocabulary organized by Vocabulary Commission, Ministry of Human Resource Development, New Delhi at Gurukula Kangri Vishwavidyalaya, Haridwar (03-06 May 1991).
3. Refresher course in Zoology, Jammu University, Jammu (February 1991)
4. Training on Chronobiological experiments, School of Biological Sciences, Madurai Kamraj University, Madurai (December 1988).

**LIST OF PUBLICATIONS:**

**(A) Publications in Journals:**

1. Singh, A., Gupta, S.K., Alstrom, P., Mohan, D., Hooper, D.M., Kumar, R.S., Bhatt, D., Singh, P., Price, T.D. (2019) Taxonomy of cryptic species in the *Cyornis rubeculoides* complex in the Indian subcontinent. *Ibis* doi: 10.1111/ibi.12735.
2. Bhatnagar, P., Bhatt, D., Singh, A. and Arya, A.K. (2019) Observations on the habitat preference of the Himalayan woodpecker (*Dendrocopos himalayensis*) in Kedarnath Wildlife Sanctuary, Chamoli District, Uttarakhand. *Journal of the Bombay Natural History Society* (in press).

3. Arya, A.K., Bhatt D., Singh, A., Saini, V., Verma, P., Rathi, R. and Bhatnagar, P. (2019) " Diversity and status of migratory and resident wetland birds in Haridwar, Uttarakhand, India *Journal of Applied and Natural Science* 11(3) : 732-737.
4. Singh, A., Bhatt, D. and Sethi, V. K. (2018) Singing behaviour of the Oriental magpie robin (*Copsychus saularis*). *Journal of Ornithology* 160: 185-193).
5. Dadwal, N., and Bhatt, D. (2017) Singing patterns of a tropical bird, the pied bush chat (*Saxicola caprata*) across years and nesting cycle. *Wilson Journal of Ornithology* 129(4):713-726.
6. Dadwal, N. and Bhatt, D. (2017) Relationship between song repertoire size with nesting success, territory size and territorial conflict in pied bushchat (*Saxicola caprata*). *Wilson Journal of Ornithology* 129(4):701-712.
7. Dadwal, N., and Bhatt, D. (2017) The response of male pied bush chats (*Saxicola caprata*) to the playbacks of neighbor and stranger songs. *Ornithological Science* 16(2):141-146.
8. Dadwal, N., and Bhatt, D. (2017). Influence of astronomical (lunar)/ meteorological factors in onset of dawn song chorus in the pied bush chat (*Saxicola caprata*). *Current Science* 113(2):329-334.
9. Dadwal, N., and Bhatt, D. (2017). Does a rival's song elicit territorial defense in a tropical songbird, the pied bush chat (*Saxicola caprata*)? *Animal Behavior and Cognition* 4(2):146-153.
10. Singh A, Kumar A, Kumar RS, Bhatt D and Gupta SK (2017) Amplification of mtDNA control region in oppurtunically collected bird samples belonging to nine families of the order Passeriformes. *Mitochondrial DNA Part B. Resources* 1(2): 99-100.
11. Kumar A, Ghazi MGU, Singh B, Bhatt D, Hussain SA and Gupta SK (2017) Conserve primers for sequencing complete ungulate mitochondrial cytochrome c oxidase I (COI) gene from problematic and decomposed biological samples. *Mitochondrial DNA Part B. Resources* 1(2):64-66.
12. Dadwal, N., and Bhatt, D. (2017) Examination of parental investments in nest defence of a tropical songbird, the pied bush chat (*Saxicola caprata*). *Avian Biology Research* 10(1):19–23.
13. Kumar A, Ghazi MGU, Bhatt D, Hussain SA and Gupta SK (2017). Mitochondrial and nuclear DNA based genetic assessment indicated distinct variation and low genetic exchange among the three subspecies of swamp deer (*Rucervus duvaucelli*). *Evolutionary Biology* 44:31-42.
14. Sharma, S. and Bhatt, D. (2016) Migratory Pallas's Gull (*Larus ichthyaetus pallas*, 1773): A new record from Sikkim, Eastern Himalaya, India. *Journal of Threatened taxa* 8(12): 9449-9453.
15. A Singh, D Bhatt, VK Sethi, N Dadwal (2016) Nesting success of the oriental magpie robin *Copsychus saularis* in nest boxes and tree cavities. *Wildlife biology* 22 (6), 277-283
16. Dadwal, N. and Bhatt, D. (2016). Correlation between nest orientations and hatching success of a tropical songbird, the pied bush chat (*Saxicola caprata*). *Journal of Environment and Bio-Sciences* 30(1):265-269.

17. Joshi, K. and Bhatt, D. (2015). Avian species distribution along elevation at Doon valley (Foot hills of Western Himalayas), Uttarakhand and its association with vegetation structure, *Journal of Asia-Pacific Biodiversity* 8(2): 158-167.
18. Kukreti, M. and Bhatt, D. (2014) First Sighting Records of Steppe Eagle (*Aquila nipalensis*) from Lansdowne Forest Division, Pauri Garhwal, Uttarakhand, India, *Ukrainian Journal of Ornithology* 23: 95-96.
19. Thapliyal, A., Saklani, A. and Bhatt, D. (2014) Binding pattern of <sup>125</sup>Iodine thyroxine and triiodothyronine in skin and liver tissues of Spotted Munia, *Lonchura punctulata*: co-relation to seasonal cycles of breeding and molting. *Indian Journal of Experimental Biology* 52: 478-488.
20. Sethi, V. K., Bhatt, D. and Kumar, A. (2014) Song sharing in pied bush chat (*Saxicola caprata*). *Belgian Journal of Zoology* 144: 67-76.
21. Sethi, V. K., Bhatt, D., Kumar, A. and Singh, A. (2014) Notes on the breeding behaviour of the Oriental Magpie Robin *Copsychus saularis*. *Journal of Sustainability Science and Management* 9: 112-119.
22. Kukreti, M. and Bhatt, D., (2014) Status and nature of human-wildlife conflict in Shivalik hills, Himalayas: a case study from lansdowne forest division, Uttarakhand, India. *Tigerpaper* 41: 27-31.
23. Joshi, K.K. and Bhatt, D. (2013) Avian Species Distribution in Different Elevation Zone Forest (Sal, Pine Mixed And Oak) in Nainital District of Uttarakhand, India. *Russian Journal of Ecology* 44: 71-79.
24. Sethi, V.K., Bhatt, D. and Kumar, A. (2012) Structure and context of female song in a tropical bird, the Pied Bush Chat. *Current Science* 103: 827-832.
25. Sethi, V. K., Bhatt, D. and Kumar, A. (2012) Dawn singing behaviour of Pied Bush Chat *Saxicolacaprata*. *Journal of Applied and Natural Science* 4: 241-246.
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