

Dr. AMAR SINGH (M.Sc., Ph.D., UGC-NET)

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Personal Details

Father's name	-	Mr. Kanthoo Lal
Date of Birth	-	02/10/1987
Sex	-	Male
Religion	-	Hindu
Marital Status	-	Unmarried
Nationality	-	Indian

Academic Qualifications

Examination Passed	Board/University	Subjects	Year of passing	Percentage	Division
Ph. D.	Gurukula Kangri Vishwavidyalaya, Haridwar	Environmental Science	2016	-	-
Title of thesis	Breeding Success and Singing behavior in Oriental Magpie Robin (<i>Copsychus saularis</i>). (Ph.D. Supervisor: Prof. Dinesh Bhatt)				
M. Sc.	Gurukula Kangri Vishwavidyalaya, Haridwar	Environmental Science	2010	65.5%	1 st
B. Sc.	Bareilly College, Bareilly, M.J.P. Rohilkhand University, Bareilly	Environmental Science, Zoology, Chemistry	2008	54.7%	2 nd
Intermediate	CR Singh Inter College Seora, Shahjahanpur U.P. Board, Allahabad	Hindi, English, Physics, Chemistry, Biology	2005	61.2%	1 st
High School	CR Singh Inter College Seora, Shahjahanpur U.P. Board, Allahabad	Hindi, English, Mathematics, Science, Social Science, Drawing	2003	67.5%	1 st

- Qualified **UGC-NET** (University Grants Commission, National Eligibility Test), December 2018 (Roll No UK0302501404, Certificate No. 182043424). Date of Award: 05/01/2019.

Objectives of the Ph.D. Thesis

1. To estimate the breeding success of Oriental Magpie Robin and to understand various factors affecting its breeding success.
2. To estimate the repertoire size of the Oriental Magpie Robin and to understand its sociobiological significance.
3. To estimate and compare different song characteristics of Oriental Magpie Robin with respect to its various breeding stages.
4. To understand whether males of Oriental Magpie Robin are able to discriminate between neighbours and strangers on the basis of acoustic cues.
5. To understand whether males Oriental Magpie Robin announce the fertility of their mate.

M.Sc. Dissertation

Study on Physico-chemical and biological properties of Ganga river water during Maha Kumbh, 2010 at Haridwar (February 2010 to May 2010) under the supervision of Dr. R. K. Negi, Lecturer, Gurukula Kangri Vishwavidyalaya, Haridwar 29404, Uttarakhand

Current Position

- **Environmental Specialist**, Third Party Inspection Agency in Jal Jeevan Mission, Pithoragarh, Uttarakhand at Bureau Veritas India Pvt. Ltd. Employer: Anay Consultancy (25 June 2021 to Continue)

Experience Held: (5 years Ph.D. research experience + 2 Years Teaching and 1 Year Government project)

1. Guest Faculty, Department of Zoology & Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar. Duration: 02/08/2019 to 31/05/2020. (10 Month)
2. Guest Faculty, Department of Zoology & Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar. Duration: 16/08/2018 to 31/05/2019. (9 Month 16 days)
3. Guest Faculty, Faculty of Engineering and Technology, Gurukula Kangri Vishwavidyalaya, Haridwar. Duration: 16/01/2018 to 30/04/2018. (03 Month 16 days)
4. Assistant Professor (Environmental Studies) Contractual, Shri Bhagwandas Aadarsh Sanskrit Mahavidyalaya, Haridwar. Duration: 19/03/17 to 07/05/17. (One Month 20 days)

Fellowships Received

1. Senior Research Fellow, Rajiv Gandhi National Fellowship, University Grants Commission, New Delhi at Avian Diversity and Bioacoustics Laboratory, Department of Zoology and Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand. Compensation received: INR 28000 / month+ 10%HRA. Duration: 27 April 2013 to 26 April 2016.
2. Junior Research Fellow, Rajiv Gandhi National Fellowship, University Grants Commission, New Delhi at Avian Diversity and Bioacoustics Laboratory, Department of

Zoology and Environmental Science, Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India. Compensation received: INR 16000/month + 10%HRA. Duration: 27 April 2011 to 26 April 2013.

Awards

1. Qualified UGC-NET (University Grants Commission, National Eligibility Test), December 2018 (Roll No UK0302501404, Certificate No. 182043424). Date of Award: 05/01/2019
2. Awarded Rajiv Gandhi National Fellowship, University Grants Commission, New Delhi, (April 2011).
3. Provided full bursary to attend the Student's Conference on Conservation Science, IISc, Bangalore, India (14-16 September, 2011).

Publications

1. Ashish Kumar Arya , Kamal Kant Joshi, **Amar Singh**, Parul Bhatnagar , Pradeep kumar (2020) A Study on Feeding and Breeding habits of Purple sunbird (*Cinnyris asiaticus*) in urban habitat of Haridwar, Uttarakhand. Bulletin of Environment, Pharmacology and Life Sciences 10(1) 07-11. (Impact Factor: 0.98), ISSN: 2277-1808.
2. Robin Singh Rathi, Dinesh Bhatt and **Amar Singh** (2020) Status of crop raiding caused by wild animals at Lansdowne forest division , *The Indian Journal of Agricultural Sciences*, 90(8): 1622-1625 (Impact Factor: 0.2) ISSN: 00195022.
3. Ashish Kumar Arya, Dinesh Bhatt, **Amar Singh**, Vikas Saini, Pushpendra Verma, Robin Rathi and Parul Bhatnagar (2019) Diversity and status of migratory and resident wetland birds in Haridwar, Uttarakhand, India. *Journal of Applied and Natural Science*, 11(3): 732- 737. ISSN: 2231-5209
4. Parul Bhatnagar, Dinesh Bhatt, **Amar Singh**, and Ashish Kumar Arya (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) , ISSN: 00066982, Journal No: 10928, Publisher: Bombay Natural History Society, Mumbai.
5. **Amar Singh**, Dinesh Bhatt and Vinaya Kumar Sethi (2018). Singing behaviour of the oriental magpie robin (*Copsychus saularis*). *Journal of Ornithology*, 160: 185-193. Impact factor: 1.47, ISSN: 00218375, Journal No: 25035, Publisher: Springer Nature, Switzerland.
6. Navjeevan Dadwal, Dinesh Bhatt and **Amar Singh** (2017) Singing patterns of Pied Bush Chat (*Saxicola caprata*) across years and nesting cycles. *The Wilson Journal of Ornithology*. 129(4): 713–726. Impact factor: 0.538, ISSN: 15594491, Journal No: 33007, Publisher: Wilson Ornithological Society, Columbia, USA.
7. **Amar Singh**, Dinesh Bhatt, Vinaya Kumar Sethi and Navjeevan Dadwal (2016). Nesting success of the Oriental Magpie Robin (*Copsychus saularis*) in nest boxes and tree

cavities. *Wildlife Biology*. 22 (6): 277-283. *Impact factor*: 2.08, *ISSN*: 09096396, *Journal No*: 32978, *Publisher*: Wildlife Biology, Washington, DC, U.S.A.

8. Dinesh Bhatt, Vinaya Kumar Sethi, Amit Kumar and **Amar Singh** (2014). Some notes on the breeding behaviour of the Oriental Magpie Robin *Copsychus saularis* from Uttarakhand, India. *Journal of Sustainability Science and management*. 9: 1-8. *Scopus indexed journal*. *ISSN*: 18238556, *Journal No*: 10738, *Publisher*: Kolej Universiti Sains dan Teknologi, Malaysia

Chapter in Book

1. Dinesh Bhatt, Vinaya Sethi and **Amar Singh** (2020) Acoustic Communication in Birds with Special Reference to a Tropical Bird, the Pied Bush Chat (*Saxicola caprata*) In: Ecology and Biodiversity, *Today & Tomorrow's Printers and Publishers, New Delhi*, 53-66.
2. Ashish Kumar, **Amar Singh** and Dinesh Bhatt (2019) Pesticide applications in agriculture and their effects on birds: An overview In: Contaminants in Agriculture and Environment: Health Risks and Remediation. *Agro Environ Media*, 129-137. ISBN: 9788194201700.

Reviewer: IBIS, The international Journal of Avian Sciences, ISSN: 1474919, Publisher, British ornithologists' union, Impact Factor: 1.8.

Foreign Academic Visit: Rikkyo University, Tokyo, Japan, 18 - 24 August 2014

Seminars/Workshop Attended/Presented

International

1. Attended XXVI International Bioacoustics Congress organised by Gurukula Kangri Vishwavidyalaya, Haridwar, India during 08-13 October 2017 and presented a poster entitled "Repertoire size and yearly variation in the song structure of Oriental magpie robin (*Copsychus saularis*)".
2. Attended 26th International Ornithological Congress, organized by Rikkyo University, Tokyo, Japan during 18 - 24 August 2014. and presented a poster entitled "Nesting success of Oriental Magpie Robins (*Copsychus saularis*) in natural tree cavities and artificial nest boxes"
3. Attended World Congress for Man and Nature "Global Climate Change & Biodiversity Conservation", organized by Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand during 11 - 13 November 2013.
4. Attended International Conference on Green Technologies for Environmental Rehabilitation (GTER-2012), organized by Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand during 11 – 13 February 2012 and presented a poster entitled " Physico-chemical properties of the water of river Ganga at Haridwar during Maha Kumbh Mela, 2010"

5. Attended Student's Conference on Conservation Science, organized by IISc, Bangalore, during 12 - 14 September 2011 and presented a poster entitled "Nest box fixation: A successful approach for the conservation of avian biodiversity".

National

1. One-Day workshop on "Role of Educational Institutions in Wildlife Conservation and Human-Wildlife Conflict Mitigation" organized at Hotel Regenta Orko's, Haridwar, September 7, 2019.
2. National Seminar on Environmental Changes and its Impact on Faunal Diversity in Indian Agro-Ecosystems, 19-20 November 2018, Punjab Agricultural University, Ludhiana.
3. Faculty development program on teaching and soft skills, October 3-4, 2018, Gurukula Kangri Vishwavidyalaya, Haridwar.
4. Attended Awareness drive on Sparrow conservation and human wildlife conflict organized by Gurukula Kangri Vishwavidyalaya, Haridwar, during 17-20 March 2018.
5. 2nd SERB School in avian biology organized by Gurukula Kangri Vishwavidyalaya, Haridwar, during 08-21 March 2015.
6. National Seminar on Threats to Biodiversity and Ecosystems: Impacts of Developmental Projects and Climate Change, organized by Gurukula Kangri Vishwavidyalaya, Haridwar during 17-19 November 2014.
7. National Seminar on Status of Environment and Biodiversity: RIO+ 20 and role of space technology, organized by Gurukula Kangri Vishwavidyalaya, Haridwar, held on 2-3 November 2012.
8. National Workshop on Research Methodology for Researchers and Young Faculty Member, organized by Gurukula Kangri Vishwavidyalaya, Haridwar during 22-28 February 2012.
9. National Symposium on Impacts of Trends in Climate Change on Biodiversity and Faunistic Systems organized by Gurukula Kangri Vishwavidyalaya, Haridwar during 19-20 February 2010.
10. National Seminar on Status of Biodiversity and Conservation organized by Gurukula Kangri Vishwavidyalaya, Haridwar during 27-28 February 2009.
11. Thematic workshop on Avian Biology organized by Gurukula Kangri Vishwavidyalaya, Haridwar during 27-30 November 2008.
12. National service Scheme, Girl child infanticide prevention & awareness workshop Organized by Gurukula Kangri Vishwavidyalaya, Haridwar held on 29 September 2008.

OTHER ACTIVITIES/RESPONSIBILITIES: (Academic/Administrative)

1. Performed different managerial activities during XXVI International Bioacoustics Congress organised by Gurukula Kangri Vishwavidyalaya, Haridwar, India, held on 08-13 October 2017.

2. Performed different managerial activities during 2nd SERB School in avian biology organized by Gurukula Kangri University, Haridwar, held on 08-21 march 2015.
3. Performed different managerial activities during National Seminar on Threats to Biodiversity and Ecosystems: Impacts of Developmental Projects and Climate Change” organized by Gurukula Kangri University, Haridwar, held on 17 - 19 November 2014
4. Performed different managerial activities during National Seminar on Status of Environment and Biodiversity: RIO+ 20 and role of space technology organized by Gurukula Kangri University, Haridwar, 2nd – 3rd November 2012.

Training

One month vocational training on Effluent Treatment Plant at Vadilal Industries PVT. LTD., Bareilly, Uttar Pradesh (22 May 2009 -21 June 2009).

Computer Exposure Certification

Diploma in Computer Programming and System Management, Brain Computer Education, Tilhar, Shahjahanpur (May to October 2001). **Computer Proficiency:** MS office (Word, Excel, Power point).

Place: Pithoragarh

Amar Singh