



Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Dr.	Virat	Jolli	
Designation	Assistant Professor		
Address	Department of Environmental Studies, Shivaji College (University of Delhi), Ring Road, Raja Garden, New Delhi-110085 India		
Office Phone No.			
Residence	143, F-17, Sector-8, Rohini, New Delhi-110085		
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Educational Qualifications			
Degree	University/Institute	Year	
Ph.D.	Department of Environmental Studies, University of Delhi	2014	
M.Phil./M.Tech.			
PG	Department of Environmental Biology, University of Delhi	2008	
UG	Acharya Narendra Dev College, University of Delhi	2004	
Any Other Qualification			
Career Profile			
<ul style="list-style-type: none"> Worked as <i>Junior Research Fellow</i> in Centre for Interdisciplinary Studies for Mountain and Hill Environment, Department of Environmental Studies, University of Delhi, from Feb, 2009 to March 2011. Worked as <i>Senior Research Fellow</i> in Centre for Interdisciplinary Studies for Mountain and Hill Environment, Department of Environmental Studies, University of Delhi, from March 2011 to March 2013. Worked as <i>Assistant Professor</i> in Department of Environmental Studies, Deen Dayal Upadhyaya College (University of Delhi), Karampura, New Delhi from August 2014 to May 2015. Working as <i>Assistant Professor</i> in Department of Environmental Studies, Shivaji College (University of Delhi), Raja Garden, New Delhi from July 2015 to till date. 			

Administrative Assignments
Nil
Areas of Interest/Specialisation
Avian Ecology, Environmental Impact Assessment, Biodiversity Conservation, and Citizen Science.
Subjects Taught
Ability Enhancement Credit Course- Environmental Science for Undergraduate Courses
Innovation Project/Research Projects (Major Grants/Research Collaboration)
<ul style="list-style-type: none"> Jolli, V (2011-12) Impacts of hydro-electric project development on the critical habitats for montane birds, Western Himalayas. Rufford Foundation Funded Project, London, United Kingdom. Jolli, V (2013-2014) Conservation of critical habitats for montane birds through community participation in Sainj Valley, Western Himalayas. Rufford Foundation Funded Project, London, United Kingdom. Kumar, V., Gupta, S and Jolli, V (2015 - 2016) Amelioration of Air Quality in Urban Ecosystem of Delhi: Role of Avenue Trees, and Use of Birds as Biomonitors. Delhi University Innovation Project SHC 307, Shivaji College (University of Delhi), New Delhi, India.
Publications Profile (Research Papers/Books)
<ul style="list-style-type: none"> Jolli V., Srivastav A., and Thakur S. (2011) Patch occupancy for Cheer Pheasant <i>Catreus wallichii</i> in Great Himalayan National Park Conservation Area. <i>International Journal of Galliformes Conservation</i>. 2, 74-81. Jolli V., Pandit M.K. (2011) Monitoring pheasants (<i>Phasianidae</i>) in the Western Himalayas to measure the impact of hydro-electric projects. <i>Ring</i> 33, 1-2: 37-46. Jolli V., Pandit M.K. (2011) Influence of human disturbance on the abundance of Himalaya Pheasants (Aves, Galliformes) in the temperate forest of Western Himalaya. <i>Vestnik Zoologii</i> 45(6): 523-530. Jolli, V (2013) Parvati hydro-electric project development and its impact of Himalayan Pheasants. <i>Mor</i>, World Pheasant Association-India, Newsletter. July (19): 10-11. Jolli, V (2015) Engaging local communities in conserving habitats of Himalayan birds- With special reference to Galliformes. <i>Mor</i>, World Pheasant Association-India, Newsletter. March (24): 06-08. Jolli, V and Grainger, M (2015) What Is The Potential For Citizen Science To Inform Avian Conservation in Western Himalayas. <i>Himalayan Journal of Contemporary Research</i> (ISSN 2319-3174), Vol. IV(1), 1045-1049. Hudson, L. N., Newbold, T., Contu, S., Hill, S. L., Lysenko, I., De Palma, A., Jolli, V... & Booth, H. (2017). The database of the Predicts (Projecting responses of ecological diversity in changing terrestrial systems) project. <i>Ecology and Evolution</i>, 7(1), 145-188. Jolli, V. (2017). Hydro power projects-boon or bane for the rural communities of Western Himalayas. <i>Present Environment and Sustainable Development</i>, 11(1), 55-64. Jolli, V., 2017. Hydro Power Development and Its Impacts on the Habitats and Diversity of Montane Birds of Western Himalayas. <i>Vestnik Zoologii</i>, 51(4), pp.311-324. Jolli, V (2014) Birds of Sainj Valley.(ISBN: 978-9351566434) https://www.createspace.com/4662172 Tripathi, S, Devi, R. S., Kumar S., Jolli V and Bhatia V (2015) Abstract Book of National Conference on Climate Change: Impacts, Adaptation, Mitigation Scenario and Future Challenges In Indian Perspective. Department of Botany, Deen Dayal Upadhyaya College, University of Delhi.

- Tripathi, S, Devi, R. S., Kumar S., **Jolli V** and Bhatia V (2015) Proceedings of National Conference on Climate Change: Impacts, Adaptation, Mitigation Scenario and Future Challenges In Indian Perspective. Department of Botany, Deen Dayal Upadhyaya College, University of Delhi. (ISBN: 978-93-5235-335-4).
- Kumar, V., Bharti., Bamel, K., Kulshreshtha, P., **Jolli, V** and Mondal, N (2016) Abstract Book National Seminar on Water And Air Quality In Urban Ecosystem. Eco Club Shivaji College, University of Delhi, New Delhi-110027.
- Kumar, V., Bharti., Bamel, K., and **Jolli, V** (2016) Proceedings of The National Seminar on Water And Air Quality In Urban Ecosystem. Eco Club Shivaji College, University of Delhi, New Delhi-110027 (978-93-5267-493-0).

Conference/Seminar/Faculty Development Programme/Workshop

Oral Presentation

- Jolli, V. (2011) Impacts of Hydro-electric Project development on the critical habitats for montane birds, Western Himalaya. Presented at the 25th International Congress for Conservation Biology, Auckland.
- Jolli, V (2012) Can we use Himalayan pheasant in habitat quality monitoring in temperate forest of Western Himalaya. 3rd European Congress for Conservation Biology, Glasgow, UK.
- Jolli, V (2013) Impacts of Parvati hydro-electric project development on the critical habitats of montane birds of Western Himalaya. Rufford Small Grant Foundation Grantees India Conference, New Delhi, India.

Poster Presentation

- Jolli, V (2017) Conservation Challenges and Opportunities in Developing World: Conservation of Himalayan Birds Through Community Participation, 28th – 29th Nov 2017, British Ornithologist's Union 2017 Twitter Conference, United Kingdom.
- Jolli, V (2013) Hydro power development and its impacts on montane birds. 19th International Conference of European Bird Census Council, Cluj-Nappoca, Romania. http://www.ebcc2013.ro/media/BirdNumbers_2013_abstract_book.pdf
- Jolli, V (2014) Upland villages micro hotspots of avian biodiversity: a case study of Sainj Valley, Western Himalayas. BOU Annual Conference, University of Leicester, UK. <http://www.bou.org.uk/conferences/uplands-abstracts.pdf>
- **Jolli, V** and Grainger, M (2015) Conservation of Critical Habitats for Montane Birds Through Community Participation. 27th International Congress for Conservation Biology and The 4th European Congress for Conservation Biology (ICCB-ECCB); Mission Biodiversity: Choosing New Paths For Conservation In Montpellier, France, 2-6 August 2015.
- Suman, P., Mudad, P., Tripathi, S., Devi, S. R., Kumar, S and **Jolli, V** (2015) Perception of Youth Towards Climate Change. National Conference on Climate Change: Impacts, Adaptation, Mitigation Scenario and Future Challenges In Indian Perspective. Department of Botany, Deen Dayal Upadhyaya College, University of Delhi.
- Sharma, M., Saba, F., Malik, A., Tripathi, S., Devi, S. R., Kumar, S and **Jolli, V** (2015) Effect of Temporal Variability of Rainfall on Vector Born Diseases. National Conference on Climate Change: Impacts, Adaptation, Mitigation Scenario and Future Challenges In Indian Perspective. Department of Botany, Deen Dayal Upadhyaya College, University of Delhi.
- Kumar, V., **Jolli, V.**, & Gupta, S., Tyagi, S., Mathan, A., Arunender, Kumar. M., Bhawna., Kumari, S., Kumari, A., Garhwal, M., Hitakshi. and Gupta, S (2016) Can We Use Birds As An Ecological Indicator of Sustainable Cities? National Seminar on Water and Air Quality in Urban Ecosystem, Eco Club Shivaji

College (University of Delhi), Delhi, India. (*Best Poster Award under Ecological Indicator, Category*).

- Jolli, V (2016) An Assessment of Avian Homogenization in Western Himalayas. British Ornithologists Union (BOU) Annual Conference Urban Birds: Pressures, Processes And Consequences, 5-7 April 2016, University of Leicester, United Kingdom.
- Jolli, V (2017) Impact of Urbanization on Common Birds of Himalayas. British Ornithologist's Union Annual Conference "From Avian Tracking to Population Processes", 28th- 30th March 2017, University of Warwick, United Kingdom.

Workshop & Summer School attended

- 5th International Galliformes Symposium: World Pheasant Association (WPA) Scientist Workshop 2010, Bangkok, Thailand.
- PIT Summer School 2012, *Agronomic, forestry and pasture activities and biodiversity conservation: Problems and strategies for monitoring and management*. Parco Naturale Alpi Marittime, Valdieri (CN)-Italy.
- IQAC Workshop on "Creating Courses using Open Education Resources" held on 17th March 2015 at Deen Dayal Upadhyaya College (University of Delhi), Karampura, New Delhi.
- A workshop titled "Using the IUCN Red List Categories and Criteria to Assess Extinction Risk of Species for the Global and National Red Lists". Held on 7-8, August 2015, at 27th International Congress for Conservation Biology, Montpellier, France.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Nil

Awards and Distinctions

- CSIR-UGC(NET) Junior Research Fellowship in Life Sciences-2008
- Ruffords Small Grant Fund for Nature Conservation, UK- **2011** and **2013**
- Travel grant from Society of Conservation Biology -2011
- Selected to Participate PIT Summer School 2012, Parco Naturale Alpi Marittime, Italy
- Best Poster Presentation Prize at National Seminar on Water and Air Quality in Urban Ecosystem 22nd March 2016, Shivaji College, University of Delhi, New Delhi, India.

Memberships

British Ornithologists Union (BOU)
Bombay Natural History Society (India)
Ruffords Small Grants Foundation (UK)
World Pheasant Association-India (Life Member)

Other Academic Activities

- **Organising Member of National Conference on Climate Change: Impacts, Adaptation, Mitigation Scenario and Future Challenges In Indian Perspective**, 2-3 March 2015. Department of Botany, Deen Dayal Upadhyaya College, University of Delhi.
- **Resource Person in the INSPIRE Science Camp 2015** held from December 19-23, 2015 at Shivaji College, University of Delhi, Ring Road, Raja Garden, New Delhi-110027.

- **Organising Member** of **National Seminar on Water and Air Quality in Urban Ecosystem**, 22nd March, 2016, Eco Club Shivaji College, University of Delhi, Ring Road, Raja Garden, New Delhi 110027.
- **Organizing Member** of **'World Ozone Day 2017'** organized by Eco Club Shivaji College on 15th Sep 2017.
- **Organizing Member** of **Verve-2018** organized by Department of Environmental Studies and Department of Life Science Shivaji College on 16th April 2018.

Cultural/Extracurricular Activities

Participated and won 3rd Prize in Balancing the balloon competition organised on Annual Sports Day 2018.



Signature of Faculty Member