

# **Faculty Details Proforma**

Updated July 2023

## Gaurav Barhadiya

Designation: Asst. Professor

**Department:** Department of Environmental Studies,

College Address: Ramanujan College, University of Delhi, Block H, Kalkaji,

New Delhi, Delhi 110019



**Area of Interest:** Wildlife & Biodiversity Conservation, Ecology, Herpetology, Urban Ecology, Climate Change, Systematics (Taxonomy), Evolutionary Biology.

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| S.No. | Degree/Class | Subjects      | University/Board       | Aggregate |
|-------|--------------|---------------|------------------------|-----------|
|       |              |               |                        | (%)       |
| 1.    | Pursuing     | Environmental | Department of          | -         |
|       | PhD          | Studies       | Environmental          |           |
|       |              |               | Studies, University of |           |
|       |              |               | Delhi                  |           |
| 2.    | M.Sc. (2016) | Environmental | Department of          | 70        |
|       |              | Studies       | Environmental          |           |
|       |              |               | Studies, University of |           |
|       |              |               | Delhi                  |           |
|       |              |               |                        |           |

# **EDUCATIONAL OUALIFICATION**

| 3. | B.Sc. (Hons.) | Zoology             | Hansraj College,            | 71 |
|----|---------------|---------------------|-----------------------------|----|
|    | (2014)        |                     | University of               |    |
|    |               |                     | Delhi                       |    |
| 4. | Higher        | Biology, Chemistry, | K.V.S, (Kendriya Vidyalaya) | 81 |
|    | Secondary     | Physics             | CBSE                        |    |
|    | (2011)        |                     |                             |    |
| 5. | Secondary     | English,            | K.V.S (Kendriya Vidyalaya)  | 84 |
|    | (2009)        | Mathematics,        | CBSE                        |    |
|    |               | Science,Social      |                             |    |
|    |               | science, Hindi      |                             |    |

## WORK EXPERIENCE / POSITION HELD:

- 1. Currently Positioned as Asst. Professor at Ramanujan College, University of Delhi on a Permanent basis (June 2023 onwards)
- 2. Pursuing PhD as SRF, and working on Urban biodiversity and Climate change with special emphasis on Snakes of Delhi as my Research domain.
- **3.** Worked as a **Biologist** on a project on Critically Endangered Black soft-shell turtles (*Nilssonia nigricans*) in **Kaziranga, National Park** and North Bank landscape of Brahmaputra, **Assam (2019-2020).**
- 4. Two years of working experience as Nature Education Officer, in Aravali Biodiversity Park, CEMDE, Department of Environmental Studies, University of Delhi. (2017- 2019)
- 5. Worked as Asst. Professor and taught Environmental studies at Hansraj College, University of Delhi (2022- May 2023)
- 6. Worked as Asst. Professor (Guest) and taught Environmental studies at Shaheed Sukhdev College of Commerce, University of Delhi (2022)

- 7. Worked as Asst. Professor (Guest) and taught Environmental studies at Dyal Singh College, University of Delhi (2022)
- 8. Worked as Asst. Professor (Guest) and taught Environmental studies at Guru Gobind Singh College of Commerce, University of Delhi (2018-2019)
- 9. Worked as **Consultant** and **Assistant Project Officer**, in **Wildlife Trust of India** (WTI, India) in theDivision of Wildlife Crime, Enforcement, and Law for One year (2016-2017).

# LIST OF INTERNATIONAL PUBLICATIONS IN REFEREED/PEER-REVIEWED JOURNALS:

- McKnight, Donald T., Kendall Ard, Renoir J. Auguste, Gaurav Barhadiya, Michael F. Benard, Paige Boban, Martin L. Dillon et al. "Nocturnal basking in freshwater turtles: A global assessment." *Global Ecology and Conservation* 43 (2023): e02444.
- Gaurav Barhadiya and Chirashree Ghosh. (2021). "Urban biodiversity conservation a basic concept of sustainable urbanism: a systematic review." *Sustainability, Agri, Food and Environmental Research*, 11(1), 1-20.
- Gaurav Barhadiya, Aisha Sultana, Faiyaz A. Khudsar, & Mohammad Shah Hussain. (2021). "Is there any impact of non-native vegetation on bird communities in Delhi, India?". Tropical Ecology, 1-12.
- Gaurav Barhadiya. (2021). "First record of melanism in Rhesus Macaque from India." *Mammal Tales #29*, In: *Zoo's Print* 36(6), 06–07.
- Gaurav Barhadiya and Chirashree Ghosh, April 2021. "Snakes of Urban Delhi, India: An Updated Annotated Checklist with Eight New Geographical Records." *Reptiles & Amphibians*, 28(1), 1–7.
- Gaurav Barhadiya, Chirashree Ghosh, and Shailendra Singh. April 2021. "Invasive Red-eared Sliders, Trachemys scripta elegans (Wied 1838), in Urban Wetlands of Delhi, India." *Reptiles & Amphibians*, 28(1), 15–17.
- Gaurav Barhadiya, Shailendra Singh, Chirashree Ghosh, Rajeev Basumatary & amp; Jayaditya Purkayastha, (2021). "Diversity and conservation potential of captive chelonian colonies at temple ponds in northeast India." *The Herpetological Bulletin* 154:12-17. DOI-10.33256/hb154.1217.
- Gaurav Barhadiya. (2020). "Lissemys punctata andersoni (Indian Flap Shell Turtle). Incubation." *Herpetological Review* 51: 578
- 9. Gaurav Barhadiya, Gautam Singh, Chirashree Ghosh, and Shailendra Singh, December 2020. "Nocturnal Emergence of Small Freshwater Turtles in Temple Ponds in Assam, India: A Strategy to Avoid Aggression and Predation by Large Softshells?" *Reptiles & Amphibians*, 27 (3), 1-2.
- 10. **Gaurav Barhadiya** and Chirashree Ghosh. 2020. "Parasitic infestation and site preference of the tick *Amblyomma gervaisi* on the monitor lizard Varanus

bengalensis in India." The Herpetological Bulletin 153, 35-36.

- 11. Gaurav Barhadiya and Chirashree Ghosh. 2020. "Geographic Distribution. Geoclemys hamiltonii." *Herpetological Review* 51(3), 535.
- Gaurav Barhadiya and Chirashree Ghosh. 2020. "Geographic Distribution. Pangshura smithii." *Herpetological Review* 51(3), 536.
- Gaurav Barhadiya and Chirashree Ghosh. 2020. "Geographic Distribution. Ophisops jerdonii." *Herpetological Review* 51(3), 542.
- Gaurav Barhadiya and Chirashree Ghosh. 2020. "Geographic Distribution. Trachemys scripta elegans." *Herpetological Review* 51(3), 538.
- 15. Gaurav Barhadiya and Shailendra Singh. 2020. "Cultural Use of Turtle Shells, an Underrated Threat in Turtle Conservation: A Case Study in Assam, India." *Reptiles & Amphibians* 27(2):213–215.
- 16. Gaurav Barhadiya and Chirashree Ghosh. 2020. "Parasitic infestation and site preference of the tick *Amblyomma gervaisi* on the monitor lizard Varanus bengalensis in India." *The Herpetological Bulletin* 153, 35-36.
- 17. Gaurav Barhadiya, Aisha Sultana, and Mohammad Shah Hussain. 2020. "First Record of the Critically Endangered Three-striped Roofed Turtle, *Batagur dhongoka* (Gray 1834), from the Yamuna River, Delhi, India." *Reptiles & Amphibians* 27(2):220–221.
- Gaurav Barhadiya, Aisha Sultana, and Mohammad Shah Hussain. 2020.
   "Arboreal Behaviour of a Variegated Kukri Snake, *Oligodon taeniolatus* (Jerdon 1853), in Delhi, India." *Reptiles & Amphibians* 27(2):216–217.
- 19. Gaurav Barhadiya, Faiyaz A. Khudsar, and Dinesh Albertson. 2020. "Turtles of the Northern Aravalli Ridge (Kamla Nehru Ridge) and the First Report of the Indian Black Turtle, *Melanochelys trijuga* (Schweigger 1812), from the State of Delhi, India." *Reptiles & Amphibians* 27(2):222–224.
- Gaurav Barhadiya and Faiyaz A. Khudsar. 2019. "First record of an Indian Roofed Turtle, *Pangshura tecta* (Gray 1830), from Delhi, India." *Reptiles & Amphibians* 26: 42.

# <u>ABSTRACT PUBLISHED IN INTERNATIONAL CONFERENCE</u> <u>ORGANIZATION/ PRESENTATIONS.</u>

21. Gaurav Barhadiya and Chirashree Ghosh, Snakes in the city: A Spatial and temporal assessment of snake encounters using citizen science in urban Delhi, India with 8 new geographical records. (2020) (Abstract published in E-Abstract Booklet of EWASH 2020 at International Conference on Environment, Water, Agriculture, sustainability and Health (EWASH-2020) on 20 December 2020, Jointly Organized by (CSIR-NEERI, Royal Society of Chemistry-North India section, Hindu College, University of Delhi; Environment and Social Development Association, Delhi

#### **INVITED LECTURES/TALKS GIVEN:**

- Invited for Expert Talk on "Snakes of India- Myths & Facts" at National Zoological Park, New Delhi on the occasion of World Snake Day on 16<sup>th</sup> July 2023.
- Invited Lecture on "Say no to Single-use Plastic" at Kamla Nehru College, DU on 9<sup>th</sup> February 2023.
- Invited lecture on " Delhi Forests and its Ecosystems" at Motilal Nehru College, DU, on 6th February 2023.
- 4. Invited lecture on the topic of "**Delhi and its Ecosystems**" at **Zakir Hussain College, DU** on 18th January 2023.
- Invited lecture on the topic of "Delhi and Aravalli" at TERI University, Vasant Kunj on 10th December 2022.
- Keynote lecture given on the topic Snakes in the City, on the occasion of Wildlife week at the School of Environmental Studies, Cochin University on 3<sup>rd</sup> October 2022.
- Keynote Lecture on the topic "Effects of losing touch with Nature at the College of Vocational Studies, University of Delhi on 28<sup>th</sup> September 2022.
- Keynote Lecture given on the occasion of International Day of Biological Diversity at Mata Sundri College, University of Delhi on 26<sup>th</sup> May 2022.
- Keynote Lecture given on "Urban biodiversity of Delhi" at Motilal Nehru College, Delhi University on Earth Day on 23<sup>rd</sup> April 2022.
- 10. Keynote Lecture was given on "Urban Snake conflict and Mitigation" at

Ambedkar Ganguli women hostel, University of Delhi on the occasion of wildlife week 2021 on 2<sup>nd</sup> October 2021.

- 11. Keynote lecture was given on "Urban Biodiversity and Snakes of Delhi" at the College of Vocational Studies, University of Delhi on 4<sup>th</sup> October 2022.
- Given Environment Day Talk on "Turtles and their conservation" at Department of Ecology and Environmental Sciences, Pondicherry University on 06<sup>th</sup> June 2021.
- Online invited keynote lecture was given on "Turtles and their conservation" at Hansraj College, University of Delhi on 25<sup>th</sup> April 2021
- 14. Keynote Lecture "The last enigmatic Black softshell turtle" was delivered at Lady ShriRam College for Women, University of Delhi on 2<sup>nd</sup> November 2019.
- 15. Keynote Lecture **"The last enigmatic Black softshell turtle"** was Delivered at **TezpurUniversity** on 23<sup>rd</sup> May 2019.
- 16. Keynote Lecture ''Snakes, the most misunderstood Animal'' was given to the teachers of various Kendriya Vidyalaya schools of Delhi -NCR, during a Workshop Organized byNMNH (National Museum of Natural History), Ministry of Environment, Forest and Climate Change.
- 17. Lecture '' Snakes the most misunderstood animal'' was given to the Mass Communication College students of GD Goenka University, Gurugram. On theoccasion of wildlife week 2017.
- 18. Presentation ''Wildlife trade, the Hidden World'' was given to the student from Masters in Environmental Studies, Department of Delhi University, on 14<sup>th</sup> October 2017.
- Presentation 'Wildlife trade, the Hidden world '' was given to the students of Masters in wildlife Sciences, From Aligarh Muslim University, U.P. on 4<sup>th</sup> July 2017.

# **DETAILS OF PAST WORK EXPERIENCE:**

| S.no | Name of the Employer    | Post               | Period of                  | Nature of         |
|------|-------------------------|--------------------|----------------------------|-------------------|
|      | / Organization          |                    | employment                 | Duties/Work       |
|      |                         |                    |                            |                   |
|      |                         |                    | From To                    |                   |
|      |                         |                    | (with dates)               |                   |
| 1.   | Aravalli Biodiversity   | Nature             | April 2017 to              |                   |
|      | Park, Centre of         | Education          | January 2019               |                   |
|      | Excellence, C.E.M.D.E., | Officer            |                            |                   |
|      | Univ. of Delhi, Delhi – |                    |                            |                   |
|      | 7.                      |                    |                            |                   |
|      | Nature of Duties/work   | 1. Imparting Envir | onment and Natur           | e Education to    |
|      |                         | the students and V | isitors.                   |                   |
|      |                         | 2. Carried out 379 | Nature trails insi         | ide (ABP)         |
|      |                         | Aravalli Biodivers | ity Park, including        | g Delhi           |
|      |                         | university college | groups, various <b>S</b> o | chool groups,     |
|      |                         | foreign delegate g | groups, and local 1        | resident          |
|      |                         | /NGO groups.       |                            |                   |
|      |                         |                    |                            |                   |
|      |                         | 3. Management a    | nd monitoring of t         | he Rangeland      |
|      |                         | (grassland) and ad | jacent forested site       | es.               |
|      |                         |                    |                            |                   |
|      |                         | 4. Creation of Wat | terbodies and Bu           | tterfly gardens   |
|      |                         | in the area.       |                            |                   |
|      |                         |                    |                            |                   |
|      |                         | 5. Rescue and reh  | abilitation of inju        | ared and diseased |
|      |                         | animals of Aravall | i Biodiversity Par         | k.                |

|   |                         | 5. <b>Recording and</b> assessing the biodiversity of Aravalli BiodiversityPark.                               |  |  |
|---|-------------------------|--|--|--|
|   |                         |  | hops/training and<br>llife week, Earth I                             |  |
| 2 | Wildlife Trust of India | Assistant Project<br>Officer   | 2016-2017  |  |
|   | Nature of Duties/work   | 1. Conducted a su<br>the Karnataka Fo<br>helped them to seiz<br>arrest two accuse<br><i>village</i> , Chikkaba | orest Department<br>ze 280 live star to<br>d, in the <i>Balegour</i> | and CBI, and<br>ortoises and<br>adanahalli |
|   |                         | 2. Developed intel<br>the conduct of a jo<br>which resulted in t<br>Python and arrest<br>Himachal Prades       | int operation wit<br>he seizure of thre<br>t of two accused f        | h CID, Shimla<br>ee live Rock              |
|   |                         | 3) Worked on <b>the</b><br>focusing their trade  |  |  |

**centers** at different hidden locations in southern India. Direct Interaction with the poachers/ traders and pet shop owners of Karnataka, Kerala, and Odisha.

4) Rescued and rehabilitated Star tortoises
(Geochelone elegans), Indian spotted turtle
(Geoclemys hamiltonii), Red-crowned roof turtles
(Kachuga kachuga), Black Pond turtle (Melanochelys
Trijuga), and Indian flapshell Turtle (Lissemys
Punctata). (Total: 525nos)

3) Gathered Intelligence Datafrom various states of India by physically surveying the villages of Odisha, Karnataka, Madhya Pradesh, Rajasthan, Himachal Pradesh, focusing the trade hub of Critically endangered Indian Pangolin as part of its conservation.

4) Involved in the **Exposure** of an illegal wildlife Product called **''HATHAJODI''**, Which is exposed for the first time in the world.

5) Successfully prevented, leading to a total ban on online shopping sites like Amazon, Flipkart, OLX, eBay, locanto to advertise any wildlife animal products online.

6) Reported a good number of online Cases of the Sale of illegal wildlife and animal products to WCCB.

| 3 | WCCB, Wildlife Crime   | Collab.           | September           |                  |
|---|------------------------|-------------------|---------------------|------------------|
|   | <b>Control Bureau.</b> |                   | 2015 till Date      |                  |
|   | Ministry of            |                   |                     |                  |
|   | Environment and        |                   |                     |                  |
|   | Nature of Duties/work  | 1) Created Awarer | ness among Young    | g Students about |
|   |                        | Wildlife and its  | illegal trade by co | onducting open   |
|   |                        | talks, and lectu  | res in various loc  | ations and       |
|   |                        | colleges of Indi  | ia.                 |                  |
|   |                        | 2) Gathered Intel | ligence Data for V  | WCCB from all    |

|   |                   | over India focusing                       | g on the <b>trade Hu</b> | b of Indian       |
|---|-------------------|---|--------------------------|-------------------|
|   |                   | Pangolin in south                         | India.                   |                   |
|   |                   | 3) Rescued hundreds of Snakes and Turtles |                          |                   |
|   |                   | throughout India                          | and rehabilitate         | them.             |
|   |                   | 4) <b>Reported 96 or</b>                  | nline Cases of the       | Sale of illegal   |
|   |                   | wildlife animals a                        | and its Products o       | n various online  |
|   |                   | websites to WCCE                          | 3.                       |                   |
|   |                   | 5) Volunteer and                          | Hosted the Event         | t of <b>World</b> |
|   |                   | Environment Day                           | y conducted by W         | CCB in            |
|   |                   | Collaboration wit                         | th WWF and othe          | r organizations   |
|   |                   | for the wildlife con                      | nservation, at RAA       | AHGIRI,           |
|   |                   | Connaught Place                           | , New Delhi.             |                   |
|   |                   |   |                          |                   |
|   |                   |   |                          |                   |
| 4 | Wildlife Trust of | Intern                                    |                          |                   |
|   | India             |   |                          |                   |
|   | Nature of         | Worked in Plann                           | ing Division and h       | elped <b>Mr.</b>  |
|   | Duties/Work       | Vivek (The Dire                           | ctor of Wildlife T       | Trust of India,   |
|   |                   | Author of the Book, Indian Mammals) in    |                          |                   |
|   |                   | gathering data a                          | bout all National        | parks of India,   |
|   |                   | which was incorp                          | porated in one of the    | ne book           |
|   |                   | Publications auth                         | ored by Mr. Vive         | k Menon.          |
| 5 | Wildlife Trust of | Intern                                    |                          |                   |
|   | India             |   |                          |                   |
|   | Nature of         | 1. Worked in V                            | anrakshak proje          | ct,               |
|   | Duties/Work       | About the Project                         | ct: it provides spec     | cialized wildlife |
|   |                   | crime prevention                          | n training to the pe     | ersonnel of the   |
|   |                   | forest departmen                          | nt (all Forest guard     | ls, rangers,      |
|   |                   | Forest officers),                         | to combat wildlife       | e crime. Various  |
|   |                   | topics are covered                        | ed in the training,      | focusing on       |

| different aspects including wildlife crime and trade |
|--|
| prevention, collaborative planning, and tactical     |
|  |
|  |
|  |
|  |
|  |

|   |                                | <ul> <li>response – all delivered from a practical and</li> <li>localized perspective. Related subjects are grouped</li> <li>into sessions, with each being taught by a</li> <li>professional with noted expertise in the area.</li> <li>2. Involved in the invigilation of their pre- and</li> <li>post-training exams and evaluation of their results</li> <li>and performance.</li> </ul> |                      |                  |
|---|--------------------------------|--|----------------------|------------------|
| 6 | WRCT (Wildlife<br>research and | Researcher   | July 2013<br>to July |                  |
|   | Conservation                   |  | 2014                 |                  |
|   | Trust)                         |  |                      |                  |
|   | Nature of                      | Worked on the A  | Assessment of Avi    | fauna species in |
|   | Duties/Work                    | Delhi, With Spe  | cific emphasis on l  | National         |
|   |                                | Zoological Park.   |                      |                  |
|   |                                |  |                      |                  |
| Z | INMAS                          | Intern   |                      |                  |
|   | (Instituteof                   |  | -                    |                  |
|   | Nuclear                        |  |                      |                  |
|   | Medicine and<br>Allied         |  |                      |                  |
|   | Science), <b>DRDO</b> ,        |  |                      |                  |
|   | Ministry of                    |  |                      |                  |
|   | Defense, Govt of               |  |                      |                  |
|   | India.                         |  |                      |                  |
|   | Nature of                      | 1. Handling differe  | ent animals contain  | ning             |
|   | Duties/Work                    | Radiolabeled drug  | s and studying thei  | r path in        |
|   |                                | the bodyunder sop  | histicated instrume  | ents.            |
|   |                                | 2. Dissection of lal induced cancerous   | -                    | or the study of  |

| <u>8.</u> | NIAW (National<br>Institute of<br>Animal Welfare),<br>MoEFCC, Govt of<br>India. | Trainee  |  |
|-----------|---|--|--|
|           |   | <ol> <li>2. Management of</li> <li>3. Management of</li> </ol> | al cruelty and animal rights<br>animals' shelter homes<br>animal Breeding Houses.<br>ed for animal rehabilitation. |

## OTHER ORGANIZATIONAL ASSOCIATIONS AND RELATED ROLES.

| S.No. | Organization | Position         | Roles   |
|-------|--------------|------------------|---|
| 1.    | TSA, (Turtle | State            | Spreading awareness and knowledge   |
|       | Survival     | Coordinator      | about turtles and their conservation  |
|       | Alliance)    | (Since 2019 till |   |
|       | India        | Date)            | <ul> <li>Support turtle conservation actions in the resident states and promote them among the local groups and individuals (schools, colleges, universities, etc.)</li> <li>Build positive relationships with relevant stakeholders especially with the youth and similar working groups to create an</li> </ul> |
|       |              |                  | <ul> <li>interconnected network of turtle<br/>conservationists.</li> <li>Conduct various awareness and education<br/>programs, interactive activities all year<br/>round and on important events like World<br/>Turtle Day.</li> </ul>  |

| 2. | WCCB<br>(Wildlife<br>Crime<br>Control<br>Bureau)<br>MoEFCC,<br>Govt of India | Volunteer<br>(Since<br>December 2015<br>till Date) | <ul> <li>To collect information on wildlife crime<br/>and activities of Wildlife criminals and<br/>pass it to Intelligence Bureau or relevant<br/>enforcement agencies</li> <li>To assist State Forest Department in<br/>capacity building for combating wildlife<br/>crime in India.</li> <li>Conduct Public education<br/>campaigns/programs on wildlife crime<br/>and relevant laws and Policies.</li> </ul> |
|----|--|--|---|
| 3. | BRUNT  | Founder  | <ul> <li>Organize Nature walks for public and school/ college students in Delhi NCR</li> <li>Create nature awareness among present youth for biodiversity conservation</li> <li>Organize Free trekking for the nature enthusiast and take them to urban forests of Delhi NCR.</li> <li>All Nature related Services, Nature consultation, Urban greening projects.</li> </ul>                                    |
| 4. | Fauna<br>Foundation of<br>India  | Member   | Snakes rescue and rehabilitation within     Delhi   |
|    |  |  | • other wild Animals Rescue and   |

|  | rehabilitation in Delhi |
|--|-------------------------|
|  |                         |

## **ORAL PRESENTATION AND PAPER PRESENTATION**

- Presented (Oral) Paper titled "Snakes in the city: a spatial and temporal assessment of snake's encounters using citizen science in urban Delhi, India with 8 new geographical records" at the International Conference on EWASH, (Environment, Water, Agriculture, Sustainability and Health-2020): expanding our vision post Covid- Organized by Save the environment (society for research, awareness & social development), Kolkata, West Bengal) Co-organized by CSIR-National Environmental Engineering Research Institute, Delhi Zonal Centre (DZL) The Royal Society of Chemistry, North India Environment and Social Development Association (ESDA), Delhi, Hindu College, University of Delhi, Delhi on 19 to 20 December 2020.
- Presented oral ppt presentation at National webinar on "Threatened Animals of India", organized by ENVIS Centre on Biodiversity (Fauna) Zoological Survey of India, Kolkata on 6<sup>th</sup> October 2021.

## NATIONAL/ INTERNATIONAL AWARDS

- Secured 1<sup>st</sup> Position at the National level presentation competition (Topic: Threatened Animals of India) held on 6<sup>th</sup> October 2021 organized by ENVIS Centre on Biodiversity (Fauna) Zoological Survey of India.
- 2. Secured **"Best Oral Presentation Award"** at **International Conference** on EWASH held online from 19th to 20th December 2020. Organized by Save the environment (society for research, awareness & social development),

Kolkata, West Bengal) Co-organized by CSIR-National Environmental Engineering Research Institute, Delhi Zonal Centre (DZL) The Royal Society of Chemistry, North India | Environment and Social Development Association (ESDA), Delhi, Hindu College, University of Delhi, Delhi on 19 to 20 December 2020.

#### WORKSHOPS ATTENDED

- Successfully completed an Online Skill and Training Program on "Ecology and Biodiversity" for EIA projects", organized by CSIR-National Environmental Engineering Research Institute (NEERI), NAGPUR from 11<sup>th</sup> to 13<sup>th</sup>, January 2022.
- 2. Successfully completed a Five Days workshop titled "Understanding the Vulnerability and Risk Associated with Urban Areas" organized by the National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India and Centre for Environmental Studies and Disaster Management, Miranda House, University of Delhi, from 23<sup>rd</sup> to 27<sup>th</sup> November 2021.
- Participated in a Workshop on the theme "RS & GIS Applications in Biodiversity Conservation and Management", organized by the Department of Wildlife Sciences, Aligarh Muslim University, Aligarh, Uttar Pradesh, India.
- 4. Successfully completed a four-week Online Summer Training Program workshop on "Research Methodology 2.0", organized by the Department of Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT sponsored Star College Scheme from June 21 July 20, 2021.
- Attended an online workshop, "Taxonomy, Ecology, and Conservation of Amphibians of NE India" organized by Ashoka Trust for Research in

Ecology and Environment (**ATREE**), **Bangalore**, held from 17th to 19th February 2021.

#### **SEMINARS/CONFERENCES /PARTICIPATION:**

- Participated in an online expert talk on "Scientific Writing with Focus on Writing Research Proposal for Acquiring Funds & Grants" jointly organized by Departments of Biotechnology & Bioinformatics, Faculty Development Committee (FDC) & Research Committee, Christ College, Rajkot, and funded by DBT, Ministry of Science & Technology, Government of India, New Delhi, (Under DBT Sponsored Star College Scheme) on 29th June 2021.
- Participated in the webinar "An insight into the lizards of Assam" on June 13, 2021, Dr. Jayaditya Purkayastha general secretary, Help earth a project supported by Assam State Biodiversity Board,
- 3. Participated at the International Conference on EWASH held online from 19th to 20th December 2020. Organized by Save the environment (society for research, awareness & social development), Kolkata, West Bengal) Coorganized by CSIR-National Environmental Engineering Research Institute, Delhi Zonal Centre (DZL) The Royal Society of Chemistry, North India | Environment and Social Development Association (ESDA), Delhi, Hindu College, University of Delhi, Delhi on 19 to 20 December 2020.
- Participated at National webinar on "Threatened Animals of India", organized by ENVIS Centre on Biodiversity (Fauna) Zoological Survey of India, Kolkata on 6<sup>th</sup> October 2021.
- 5. Participated at National Workshop entitled "Need for Flora and Fauna biometrics in Urban Planning" organized by Hindu College, University of Delhi, on 29<sup>th</sup> February 2020
- 6. Attended a lecture titled "The importance of storytelling in science" by Prof.

**Maharaja K. Pandit** organized by Bharti College in collaboration with the Department of Environmental Studies, University of Delhi held on 13<sup>th</sup> August 2020.

- Attended Webinar "Lizard Systematic and Evolutionary History (Indian Perspective)" by Dr. Varad Giri on 2<sup>nd</sup> October 2020 at Pondicherry UniversityDept. of Ecology & Environmental Sciences.
- Attended webinar "From Soup to Superstar: The making of a Marine Icon" byDr. Kartik Shanker on 05<sup>th</sup> October 2020 at Pondicherry University Dept. of Ecology & Environmental Sciences.
- Attended webinar "Human-Wildlife Interaction" by Dr. Narayan Sharma on 6 October 2020 at Pondicherry University Dept. of Ecology &Environmental Sciences.
- Attended webinar "Marine algal diversity; Importance & conservation and India's Antarctic Mission, together with his experiences" by Dr. Felix Bast on9th October 2020 at Pondicherry University Dept. of Ecology & Environmental Sciences.
- 11. Attended International Congress on Chronobiology at the University of Delhi.
- 12. Volunteering in National Conference of Nanotechnology in Biology.
- 13. Attended Minding Animals Conference, organized by WTI at JNU
- Attended a talk addressed by Sh. Mahesh Rangarajan on History of Animals at IITDelhi.
- **15.** Participated in **Northern ridge Bird count** on 7<sup>th</sup> February 2016 on **Big Bird Day**.
- 16. Volunteer and Anchored whole event of World Environment Day on 5<sup>th</sup> June

2016,organized by WCCB, TRAFFIC, and PETA at Raahgiri, Connaught Place New Delhi.

### **ACHEIVEMENTS:**

- Got my research work featured in leading newspapers and magazines like "The Hindu, Times of India, Deccan Herald, Hindustan Times, The Tribune, The week, The outlook, etc.".
- 2. Added 8 new species of Snakes in Delhi and updated Snake checklist.
- 3. Added 4 new species of turtle species to the Delhi Turtle Checklist.
- Research project on Critically Endangered Black Soft turtle got featured on a famous Online Media platform "Quint" and various leading newspapers like Hindu, The Tribune, etc.
- Secured First Position as Best Oral presentation Award for presenting apresentation at the EWASH-2020 conference.
- 6. Secured the Second position in Flick Short Wildlife film Making competition a partof Wildlife week event (1<sup>st</sup> to 9<sup>th</sup> October 2020) organized by Pondicherry University Dept. of Ecology & Environmental Science.
- Helped WCCB in the Arrest of two accused of turtle trade and Seizure of 282 live Star Tortoise in Bangalore (Karnataka) on 2<sup>th</sup> January 2017.
- Helped WCCB in the arrest of three accused of smuggling Rock python and seizure of Three (3) Indian Rock pythons (IUCN status: Near Threatened) from Mandi District of Himachal Pradesh.
- 9. Got media coverage for all my operations and got my name and my work invarious leading newspapers in the area.

- Successfully prevented, leading to a total ban on online shopping sites like Amazon, Flipkart, OLX, eBay, Locanto to advertise any wildlife animalproducts online.
- 11. Hosted the Event of World Environment Day conducted by WCCB in Collaboration with WWF and other organizations for the wildlife conservation, atRAAHGIRI, Connaught Place, New Delhi.
- **12.** Received **Award of Honor** for photography event organized by the Tourismdepartment of Himachal Pradesh.

### Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Sd/-

Gaurav Barhadiya