

Ramanujan College

FACULTY PROFILE

FIRST NAME	Gaurav	MIDDLE NAME (if any)		PHOTOGRAPH (ATTACH BELOW) 
LAST NAME	Barhadiya			
DEPARTMENT	Environment Studies			
DESIGNATION	Assistant Professor			
GENDER	Male			
LANGUAGE PROFICIENCY	Hindi and English			
ADDRESS	Ramanujan College C R Park Main Road University of Delhi, Block H, Kalkaji New Delhi-110019			
MOBILE (optional)	9560132407			
EMAIL	Gaurav.b@ramanujan.du.ac.in			
EDUCATIONAL QUALIFICATIONS:				
DEGREE	INSTITUTION		YEAR	
PhD	Department of Environmental Studies, University of Delhi		2024	
M.Sc, EVS	Department of Environmental Studies, University of Delhi		2016	
B.Sc (H) Zoology	Hansraj College, University of Delhi		2014	

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CAREER PROFILE: TEACHING EXPERIENCE

Ramanujan College, University of Delhi	2023 onwards	Asst. Professor (Permanent)
Hansraj College, University of Delhi	2023	Asst. Professor (Guest)
Shaheed Sukhdev College of Commerce, University of Delhi	2022	Asst. Professor (Guest)
Dyal Singh College, University of Delhi	2021	Asst. Professor (Guest)
Guru Gobind Singh College of Commerce, University of Delhi	2018	Asst. Professor (Guest)

CAREER PROFILE: INDUSTRY EXPERIENCE

Turtle Survival Alliance (TSA)	2020	Biologist
Centre for Environmental Management of Degraded Ecosystems (CEMDE)	2017- 2019	Nature Education Officer
Wildlife Trust of India	2016	Assistant Project Officer
Wildlife Trust of India	2016	Consultant

ADMINISTRATIVE ASSIGNMENTS: (List any administrative roles or responsibilities you have held)

Convenor	2024	Media Cell, Ramanujan College, University of Delhi
Convenor	2024	Ramanujan College Dance Society, University of Delhi
Convenor	2024	Department of Environmental Studies Staff Association, Ramanujan College

Member	2024	Ramanujan College Students' Union Advisory Committee
Member	2024	Ramanujan College Cultural Activities Committee
Member	2024	Ramanujan College, Shivranjani (Music Society)
Founder and CEO	2019	Brunt, India
Delhi state Coordinator	2021	Indian Turtle Conservation Network, Turtle Survival Alliance

AREAS OF INTEREST / SPECIALIZATION: (Highlight your specific areas of interest or fields of specialization within your subject area)

- Wildlife Biology
- Ecology
- Herpetology
- Biodiversity Conservation
- Taxonomy
- Ecosystem Restoration
- Biodiversity Assessments
- Urban Ecology
- Climate change studies

SUBJECTS TAUGHT: (List all the subjects you have taught)

- **Biodiversity and Conservation**
- **Ecosystems and Ecology**
- **Systematics and Biogeography**
- **Developmental Biology**
- **Research Methodology**
- **AEC, Environmental Studies**

PUBLICATIONS PROFILE: RESEARCH PAPERS (List your published research papers, including the title, journal, and year)

1. **Gaurav Barhadiya**, Jayaditya Purkayastha, Ashis kumar Saha, & Chirashree Ghosh. (2024). "Spatial and temporal assessment of snake encounters in urban Delhi, India". *Scientific Reports*, 14(1), 5506.
2. **Gaurav Barhadiya**, McKnight, Donald T., Kendall Ard, Renoir J. Auguste, , Michael F. Benard, Paige Boban, Martin L. Dillon et al. (2023): Nocturnal basking in freshwater turtles: A global assessment." *Global Ecology and Conservation* 43 e02444.
3. **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.
4. **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.
5. **Gaurav Barhadiya**. (2021). "First record of melanism in Rhesus Macaque from India." *Mammal Tales #29*, In: *Zoo's Print* 36(6), 06–07.
6. **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.
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.
8. **Gaurav Barhadiya**, Shailendra Singh, Chirashree Ghosh, Rajeev Basumatary & 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.
9. **Gaurav Barhadiya**. (2020). "Lissemys punctata andersoni (Indian Flap Shell Turtle). Incubation." *Herpetological Review* 51: 578
10. **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.
11. **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.
12. **Gaurav Barhadiya** and Chirashree Ghosh. 2020. "Geographic Distribution. *Geoclemys hamiltonii*." *Herpetological Review* 51(3), 535.
13. **Gaurav Barhadiya** and Chirashree Ghosh. 2020. "Geographic Distribution. *Pangshura smithii*." *Herpetological Review* 51(3), 536.
14. **Gaurav Barhadiya** and Chirashree Ghosh. 2020. "Geographic Distribution. *Ophisops jerdonii*." *Herpetological Review* 51(3), 542.
15. **Gaurav Barhadiya** and Chirashree Ghosh. 2020. "Geographic Distribution. *Trachemys scripta elegans*." *Herpetological Review* 51(3), 538.

16. **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.
17. **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.
18. **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.
19. **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.
20. **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.
21. **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.

PUBLICATIONS PROFILE: BOOK CHAPTERS (List your published book chapters, including the title, publisher, ISBN and year)

PUBLICATIONS PROFILE: OTHERS (Mention any other relevant publications details)

CONFERENCE / WORKSHOPS/ REFRESHER/ FDP/ TRAINING ORGANIZED**CREATION OF ICT MEDIATED TEACHING LEARNING PEDAGOGY AND CONTENT****CONFERENCE/WORKSHOPS/TRAINING ATTENDED AS FACULTY MEMBER****Workshops Attended**

1. 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 11th to 13th, 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 23rd to 27th November 2021.
3. 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.
5. 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:

1. 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.

2. 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) **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.
4. Participated at National webinar on "**Threatened Animals of India**", organized by **ENVIS Centre on Biodiversity (Fauna) Zoological Survey of India**, Kolkata on 6th 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 29th 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 13th August 2020.
7. Attended Webinar "**Lizard Systematic and Evolutionary History (Indian Perspective)**" by **Dr. Varad Giri** on 2nd October 2020 at Pondicherry University Dept. of Ecology & Environmental Sciences.
8. Attended webinar "**From Soup to Superstar: The making of a Marine Icon**" by **Dr. Kartik Shanker** on 05th October 2020 at Pondicherry University Dept. of Ecology & Environmental Sciences.
9. Attended webinar "**Human-Wildlife Interaction**" by **Dr. Narayan Sharma** on 6 October 2020 at Pondicherry University Dept. of Ecology & Environmental Sciences.
10. Attended webinar "**Marine algal diversity; Importance & conservation and India's Antarctic Mission, together with his experiences**" by **Dr. Felix Bast** on 9th 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
14. Attended a talk addressed by **Sh. Mahesh Rangarajan** on History of Animals at **IITDelhi.**

INVITED LECTURES AS RESOURCE PERSON AND PAPER PRESENTATIONS:

1. **Keynote Lecture** on “*Let’s Talk Snakes*” at Janki Devi Memorial College, University of Delhi, on 27th November 2024.
2. **Invited Talk** on “*Raising Awareness on Urban Biodiversity*” at Acharya Narendra Dev College, University of Delhi, on 28th November 2023.
3. **Invited Talk** on “*Let’s Talk About Snakes*” at Kalindi College, University of Delhi, on 1st November 2023.
4. **Invited Lecture** on “*Wildlife Trade: The Hidden World*” at TERI University, Vasant Kunj, on 10th October 2023.
5. **Keynote Lecture** on “*Wildlife Conservation and Us*” at Jesus and Mary College, University of Delhi, on 5th October 2023.
6. **Keynote Lecture** on “*Urban Biodiversity and Snakes of Delhi*” at Ramanujan College, University of Delhi, on 4th October 2023.
7. **Keynote Lecture** on “*Urban Biodiversity*” at Hansraj College, University of Delhi, on 3rd October 2023.
8. **Invited Talk** on “*Urban Biodiversity Conservation*” by Sanctuary Asia Magazine at Springdales School, Pusa, New Delhi, on 19th September 2023.
9. **Invited Lecture** on “*Sustainable Urban Development and Biodiversity Conservation*” at IITM, GGSIPU, on 28th April 2023.
10. **Keynote Expert Talk** on “*Snakes of India: Myths and Facts*” at National Zoological Park (Delhi Zoo), New Delhi, on 16th July 2023.
11. **Invited Talk** on “*Plastic Pollution*” at Kamla Nehru College, University of Delhi, on 9th February 2023.
12. **Invited Lecture** on “*Delhi and Its Ecosystems*” at Moti Lal Nehru College, University of Delhi, on 6th February 2023.
13. **Keynote Lecture** on “*Delhi and Its Ecosystems*” at Zakir Hussain Delhi College, University of Delhi, on 18th January 2023.
14. **Invited Lecture** on “*Delhi and Aravalli*” at TERI University, Vasant Kunj, on 10th December 2022.

15. **Invited Lecture** on “*Snakes in the City*” on the occasion of Wildlife Week at the School of Environmental Studies, Cochin University, on 3rd October 2022.
16. **Invited Lecture** on “*Effects of Losing Touch with Nature*” at the College of Vocational Studies, University of Delhi, on 28th September 2022.
17. **Keynote Lecture** on the occasion of the International Day of Biological Diversity at Mata Sundri College, University of Delhi, on 26th May 2022.
18. **Keynote Lecture** on “*Urban Biodiversity of Delhi*” at Moti Lal Nehru College, University of Delhi, on Earth Day, 23rd April 2022.
19. **Keynote Lecture** on “*Urban Snake Conflict and Mitigation*” at Ambedkar Ganguli Women’s Hostel, University of Delhi, on the occasion of Wildlife Week, 2nd October 2021.
20. **Keynote Lecture** on “*Urban Biodiversity and Snakes of Delhi*” at the College of Vocational Studies, University of Delhi, on 4th October 2022.
21. **Environment Day Talk** on “*Turtles and Their Conservation*” at the Department of Ecology and Environmental Sciences, Pondicherry University, on 6th June 2021.
22. **Online Keynote Lecture** on “*Turtles and Their Conservation*” at Hansraj College, University of Delhi, on 25th April 2021.
23. **Keynote Lecture** on “*The Last Enigmatic Black Softshell Turtle*” at Lady Shri Ram College for Women, University of Delhi, on 2nd November 2019.
24. **Keynote Lecture** on “*The Last Enigmatic Black Softshell Turtle*” at Tezpur University, on 23rd May 2019.
25. **Keynote Lecture** on “*Snakes: The Most Misunderstood Animal*” during a workshop organized by the NMNH (National Museum of Natural History), Ministry of Environment, Forest, and Climate Change, for teachers of Kendriya Vidyalaya schools in Delhi-NCR.
26. **Lecture** on “*Snakes: The Most Misunderstood Animal*” for students of Mass Communication at GD Goenka University, Gurugram, on the occasion of Wildlife Week 2017.
27. **Presentation** on “*Wildlife Trade: The Hidden World*” for students of the Master’s program in Environmental Studies, Department of Delhi University, on 14th October 2017.

28. **Presentation** on “*Wildlife Trade: The Hidden World*” for students of the Master’s program in Wildlife Sciences at Aligarh Muslim University, Uttar Pradesh, on 4th July 2017.

RESEARCH PROJECTS (MAJOR GRANTS/RESEARCH COLLABORATION)

AWARDS AND DISTINCTIONS:

1. Received “**National Sustainability Innovation Award**” from **Major GD Bakshi** in September 2023 for efforts in Biodiversity awareness through nature walks.
2. Secured **1st Position** at the **National level presentation competition** (Topic: Threatened Animals of India) held on 6th October 2021 organized by ENVIS Centre on Biodiversity (Fauna) **Zoological Survey of India.**
3. 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.

ASSOCIATION WITH PROFESSIONAL BODIES:

OTHER ACTIVITIES: (Include any additional relevant activities or contributions not covered in the above sections.)

ACHEIVEMENTS:

- Got my PhD 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**”.
- Added **8 new species of Snakes** in Delhi and updated Snake checklist.
- 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 presentation at the **EWASH-2020 conference**.
- Secured the Second position in **Flick - Short Wildlife film Making competition a part of Wildlife week** event (1st to 9th 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 2th 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.
- **Got media coverage** for all my operations and **got my name and my work in various 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 animal products** online.
- **Hosted the Event of World Environment Day** conducted by WCCB in Collaboration with WWF and other organizations for the wildlife conservation, at **RAAHGIRI, Connaught Place, New Delhi**.
- Received **Award of Honor** for photography event organized by the Tourism department of Himachal Pradesh.