

NARAYAN SHARMA

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Place and date of birth:

Guwahati, India — February 11, 1977

EDUCATION

Post doc; 2013 – 2015
Nature Conservation Foundation, Mysore, India

PhD; 2013
National Institute of Advanced Studies, Bangalore / Manipal University, Manipal, India

MSc in Zoology, with specialisation in Animal Ecology and Wildlife Biology; 2002
Gauhati University, Guwahati, India
First Class, Tenth Rank

BSc in Zoology (Honours), Botany and Chemistry; 1999
B Borooah College / Gauhati University, Guwahati, India
First Class, Third Rank

AWARD AND RECOGNITION

- Certificate of Appreciation in recognition of exemplary work in the field of natural habitat and wildlife conservation awarded as a Finalist to the Lesser Known Habitat Grant, The Habitat Trust Grants 2018
- Certificate of Appreciation for Contribution to Assam Biodiversity Portal, 2018
- The 2016 Vice-Chancellor's Award for Exemplary Service to the University presented by Cotton College State University, Assam
- Nominated as the Member, IUCN/SSC Re-Introduction Specialist Group – South Asia, 2010 onwards
- Nominated as the Member, SSC/Primate Specialist Group, IUCN, 2006 onwards

RESEARCH FELLOWSHIPS AND GRANTS

- Research Grant from the Wipro Foundation, Bengaluru, India for a project titled, “An Exploratory Assessment to Identify the Ecosystem Services and Alternative Livelihood Options and to Design Advocacy and Campaigning programme for the conservation of Deepor Beel—an Urban Ramsar Site, Guwahati, Assam” from 2018 – 2019 (Ongoing)
- Research Grant from The Rufford Foundation, London, UK, for a project entitled “The impact of harvest of a Critically Endangered Dipterocarp *Vatica lanceaefolia* on its population and regeneration in the rainforests of northeastern India”, 2015 – 2017 through Nature Conservation Foundation, Mysore and Cotton College State University, Guwahati, India
- Research Grant from the Rufford Maurice Laing Foundation, London, UK, for a project entitled “Coexistence and conservation of seven sympatric primates in the fragmented habitat of Gibbon Wildlife Sanctuary, northeastern India”, 2009–2011
- Research Grant from Ashoka Trust for Research for Ecology and the Environment (ATREE) Small Grants Programme 2009, Bangalore, India for a project entitled “Evaluation of the conservation status of the primates of the Gibbon Wildlife Sanctuary, Assam, northeastern India”, 2008–2009
- Research Grant from the Wildlife Conservation Society – India Program, Bangalore, India for a project entitled “Behavioural ecology and conservation of macaque communities in the tropical wet evergreen rainforests of Assam, northeastern India”; 2007–2008 (with Anindya Sinha)
- Research Grant from the Primate Action Fund, Conservation International, USA, for a project entitled “Community ecology and conservation of four sympatric macaques in a fragmented lowland rainforest of the Upper Brahmaputra Valley, northeastern India”, 2006 – 2011
- Asian-HOPE Fellowship from the Japan Society for the Promotion of Science (JSPS) for participating in the XXIII Congress of the International Primatological Society, September 2010, Kyoto, Japan
- Research Fellowship of the National Institute of Advanced Studies, Bangalore 2005–2012

RESEARCH INTERESTS

Community Ecology
Conservation Biology
Primatology
Human Ecology

PUBLICATIONS

A. Research Papers

- Singh R, Negi R, **Sharma N** and Sharma RK (in review). Ghosts of the past: complexities of human-elephant relations and effectiveness of conflict mitigation measures in Western Ghats, India. *Conservation and Society*
- Regmi GR, Huettmann F, Suwal MK, Nijman V, Nekaris KAI, Kandel K, **Sharma N**, and Coudrat C (2018). First open access ensemble climate envelope predictions of Assamese Macaque *Macaca assamensis* in south and south-east Asia: a new role model and assessment. *Endangered Species Research*. 36 (149-160)
- Ahmad R, **Sharma N**, Mishra C, Singh NJ, Rawat GS and Bhatnagar, YV (2018). Security, Size or Sociality: What Makes Markhor *Capra falconeri Segregate?* *Journal of Mammalogy*. 99:55-63
- Ahmad R, **Sharma N**, Bhatnagar YV, Pacchnanda U, Suhail I and Kaul R (2017). Distribution and Conservation Status of Western Tragopan *Tragopan melanocephalus* in Jammu and Kashmir, India. *Current Science* 112:1942 - 1948

- **Sharma N**, Huffman MA, Gupta, S, Nautiyal H, Mendonca R, Morino L, Sinha A (2016). Watering holes: The use of arboreal sources of drinking water by Old World monkeys and apes. *Behavioural Processes*. 129: 18-26
- **Sharma N**, Sengupta S, Baruah D, Bhuyan N, Borah D, Saikia L and Saikia G (2015). White-winged Duck *Asarcornis scutulata* in Hollongapar Gibbon Sanctuary, Assam, *Indian BIRDS* 10: 121-123
- Madhusudan MD, **Sharma N**, Raghunath R, Bipin CM, Gubbi S, Johnsingh AJT, Kulkarni J, Kumara HN, Mehta P, Pillay R, and Sukumar R (2015). Distribution, relative abundance, and conservation status of Asian elephants in Karnataka, southern India, *Biological Conservation* 187:34-40
- **Sharma N**, Madhusudan, MD, and Sinha A (2014). Local and landscape correlates of primate distribution and persistence in the remnant lowland rainforests of the Upper Brahmaputra Valley, *Conservation Biology* 28: 95-106
- **Sharma N**, Madhusudan, MD, Sarkar P, Bawri M, and Sinha A (2012). Trends in extinction and persistence of diurnal primates in the fragmented lowland rainforests of the Upper Brahmaputra Valley, northeastern India. *Oryx* 46: 308-311
- **Sharma N**, Madhusudan MD, Sinha A (2012). Socio-economic drivers of forest cover change in Assam: A historical perspective. *Economic and Political Weekly* 47: 64-72

B. Book Chapters

- Gupta AK, **Sharma N**, Dasgupta S, Chakraborty D and Hazarika R. 2005. Conservation of hoolock gibbon (*Bunopithecus hoolock*) in northeast India. *ENVIS Bulletin: Wildlife and Protected Areas* 8(1): 1-26
- Gupta AK and **Sharma N**. 2005. Conservation of hoolock gibbon (*Bunopithecus hoolock*) in Mizoram. *ENVIS Bulletin: Wildlife and Protected Areas* 8(1): 27-86
- Gupta AK and **Sharma N**. 2005. Conservation of hoolock gibbon (*Bunopithecus hoolock*) in Meghalaya. *ENVIS Bulletin: Wildlife and Protected Areas* 8(1): 87-150
- **Sharma N**. 2018. Accountability and Empowerment of Teachers. *Aaloran*. Lengdon Chetia and Mala Hazarika (ed). Purbayon Publication. ISBN 978-81-92955-43-8. Pages: 18-21

C. Technical Reports

- Saikia U and **Sharma N** 2019. Status of Western Hoolock Gibbon *Hoolock hoolock* (Harlen 1834) (Primates: Hylobatidae) in Assam, India, Status Survey Report, 14: 1-20 (Published by the Director, Zoo. Surv. India, Kolkata) ISBN 978-81-8171-520-3
- **Sharma N**, Madhusudan MD and Sinha A. 2011. Coexistence and conservation of seven sympatric primates in the fragmented habitat of Gibbon Wildlife Sanctuary, northeastern India, Final Report, submitted to Rufford Small Grant Foundation, UK
- **Sharma N**, Madhusudan MD and Sinha A. 2011. Community ecology and conservation of four sympatric macaques in a fragmented lowland rainforest of upper Brahmaputra valley, northeastern India. Final Report, submitted to Primate Action Fund, Conservation International, USA
- **Sharma N**.2009. Evaluation of the conservation status of the primates of the Gibbon Wildlife Sanctuary, Assam, northeastern India. Final Report, submitted to Ashoka Trust for Ecology and the Environment, Bangalore, India
- **Sharma N** and Sinha A. 2007. Survey and conservation status of non-human primates in reserve forests and proposed reserve forests of Eastern Assam Circle. Final Report, submitted to Wildlife Conservation Society–India Program, Bangalore

- **Sharma N** and Sinha A. 2005. Behavioural ecology and conservation of macaques in the fragmented lowland tropical forests of Assam, northeastern India. Phase II: Evaluation of primate communities and their conservation status in the Bherjan-Borajan-Podumoni Wildlife Sanctuaries, Assam. Final Report, National Institute of Advanced Studies, Bangalore, India

D. Conference/Workshop Abstracts and Presentations

- **Sharma N**, 2019. Study design and field surveys in ecology. Winter School on Bio-Resources of NE India. Human Resource Development Centre, Gauhati University 15 February 2019 (**Invited Talk**)
- **Sharma N**, 2019. Going, going and almost gone: A requiem for the primates of Upper Assam, Science Cafè hosted by Bangalore Life Science Bio Cluster in Collaboration with IASST, Guwahati and held at Cups and Cues Sports Cafè, Guwahati, 31 January 2019 (**Invited Talk**)
- **Sharma N**, 2018. Conservation on the wheels organised by Road Trippers Club – Guwahati Chapter, Chandubi Jungle Camp, Chandubi, Kamrup, 18 August 2018 (**Invited Talk**)
- **Sharma N**, 2018. Ecosystem and Ecosystem Services, organised by Assam Science Technology and Environmental Council for State Level Resource Persons’ Training for NCSC – 2018 on 26 to 27 May 2018 at MNC Ballika Mahavidyalaya, Nalbari, Assam (**Invited talk**)
- **Sharma N**, 2018. Impact of plastic on Biodiversity. World Environment Day. Cotton University 5 June 2018
- **Sharma N**, 2018. Ecology, behaviour and conservation of non-human primates. Biotech Hub, B Borooh College, Guwahati, 24 March 2018 (**Invited talk**)
- **Sharma N**, Kalita P, Das D and Mahananda 2018. The Use and Abuse of a tree of livelihood. Accepted abstract at International Conference: Locating northeast India: Human mobility, Resource Flows and Spatial linkages, organised by Department of Sociology, Tezpur University from 9th - 12th January 2018.
- Kalita P, Das D, Mahananda P and **Sharma N**. 2017. Impact of harvest of the Critically Endangered Dipterocarp *Vatica lanceaefolia* on its population structure and regeneration pattern in the Upper Brahmaputra Valley. *Student Conference on Conservation Science (SCCS)*, Bengaluru, India, September 2017
- **Sharma N** 2017. Journey from posing a problem to a publication. Research Scholar Orientation Program, Cotton University, Guwahati, 15 June 2017.
- **Sharma N** 2017. Back to Nature: What, why and how. One-Day Symposium on “Recent Advancements in Environmental Research (RAER 2017). Centre for the Environment, Indian Institute of Technology, Guwahati June 5, 2017 (**Invited talk**)
- **Sharma N**, Huffman MA, Gupta, S, Nautiyal H, Mendonca R, Morino L, Sinha A. 2017. Watering holes: The use of arboreal sources of drinking water by Old World monkeys and apes. Cotton University Symposium 2017, Cotton College State University, Guwahati. 27 January 2017
- **Sharma N**. 2017. Addressing livelihood issues is the key to conserve natural resources in Upper Brahmaputra Valley, Assam. Young Scholars Forum Seminar 2017 with a theme of *India’s North Eastern States and Eastern Neighbours: Borderlands, People and Connectivity*. Asian Confluence, Shillong. 9 - 10 March, 2017 (**Invited talk**)
- **Sharma N**. 2016. People and Environment. Five-Day workshop on UGC NET/JRF/SET preparation. SC/ST Cell in collaboration with DSW. Cotton College State University, Guwahati 6-10 June 2016 (**Invited Talk**)
- **Sharma N**. 2016. Counting primates for conservation. National training workshop on fauna of Hotspots-3: Eastern Himalaya. North Eastern Regional Centre, ZSI, Shillong. 17 –21 March, 2016 (**Invited talk**)

- **Sharma N.** 2016. Can gibbons save natural forests? *Conserving the 'hoolu': Hoolock gibbons in the threatened Community Forests of Meghalaya*. Appraisal and Action Development meeting Khliehriat and Sonapryrdi, Meghalaya, India. February, 2016 (**Invited talk**)
- Singh R, **Sharma, N** and Sharma, RK. 2016. Elephant in a tea cup: understanding human-elephant relationships and assessment of the effectiveness of conflict mitigation measures in Valparai. *Young Ecologists Talk and Interact (YETI)*, Amity University, Noida, India, January 2016
- **Sharma N**, Raghunath R and Madhusudan MD. 2015. Assessing habitat connectivity for elephants in Karnataka. *Annual Meeting*, Nature Conservation Foundation, Mysore, India, July-August 2015
- **Sharma N** 2015. Over One Hundred Years of Solitude: Ecological history of the primates, people and forests of the Hollongapar Gibbon Sanctuary, Upper Brahmaputra Valley, Assam, Seminar on *Cultural Ecology of the Brahmaputra*, Indian Institute of Technology – Guwahati, Guwahati, India, March 2015 (**Invited talk**)
- **Sharma N.** 2014. Environmental Challenges in the North East: Focus on Assam. NIAS Course for IshanVikas – Udhan Programme, National Institute of Advanced Studies, Bangalore, India, December 2014
- Regmi GR, Huettmann F, Suwal MK, Nijman V, Nekaris KAI, Kandel K, **Sharma N**, Coudrat C. 2014. Spatial Distribution Estimates of Assamese macaque *Macaca assamensis* in South and South-East Asia based on a first Open Access Ensemble Model-Prediction, *Student Conference on Conservation Science (SCCS)*, Beijing, China, November 2014 (**Received the best poster award**)
- **Sharma N**, Raghunath R and Madhusudan MD. 2014. Making room for elephants. *Annual Meeting*, Nature Conservation Foundation, Mysore, India, July 2014
- **Sharma N.** 2014. Plantation, people, fragment and primate: Is long-term co-existence possible? Environment and Development: New Frontiers of Research on North-East India, HSS Graduate Workshop, Indian Institute of Technology, Guwahati, India, January 2014 (**Invited talk**)
- **Sharma N.** 2013. Over One Hundred Years of Solitude. *Young Ecologists Talk and Interact (YETI)*, Nagaland University, Lumami, India, December 2013 (**Invited talk**)
- **Sharma N.** 2013. I propose, they dispose: An anatomy of my rejected proposals. *Annual Meeting*, Nature Conservation Foundation, Mysore, July 2013
- **Sharma N**, Madhusudan MD and Sinha A. 2012. Forests, people and primates: Conservation in the human-dominated fragmented floodplain of the Upper Brahmaputra Valley, Assam. *Rivers and Flood Plain: Landscape and Identity in the Brahmaputra Basin*. The Nehru Memorial Museum and Library, New Delhi, November 2012 (**Invited talk**)
- Sengupta S and **Sharma N.** 2012. Foraging association of pig-tailed macaques with drongo in Hollongapar Gibbon Wildlife Sanctuary, Jorhat, Assam, India. *Student Conference on Conservation Science (SCCS)*, Bangalore, India, August 2012
- **Sharma N**, Madhusudan MD and Sinha A. 2011. Co-existence of sympatric primates in the fragmented habitat of the Hollongapar Gibbon Wildlife Sanctuary, Assam, northeastern India, *Young Ecologists Talk and Interact (YETI)*, Guwahati, India, December 2011
- **Sharma N.** 2011. A race against time: The uncertain future of the primates in the fragmented rainforests of upper Brahmaputra valley in Assam. *Annual Meeting*, Nature Conservation Foundation, Valparai, India, July 2011
- **Sharma N**, MD Madhusudan and Sinha A. 2010: Shutter islands: Future of primate communities in the fragmented forest remnants of upper Brahmaputra valley, northeastern India. *Quest for Coexistence with Non-Human Primates, Asian Hope 2010 – IPS Pre-Congress Symposium and Workshop*, Primate Research Centre, Kyoto University, Inuyama, Japan, September 2010

- Sankaran S, **Sharma N**, Rawat GS, Kumar RS and Sinha A. 2010. Ranging and foraging behaviour of the western hoolock gibbon (*Hoolock hoolock*) in a lowland rainforest fragment of the upper Brahmaputra valley, northeastern India. *Quest for Coexistence with Non-Human Primates, Asian Hope 2010 – IPS Pre-Congress Symposium and Workshop*, Primate Research Centre, Kyoto University, Inuyama, Japan, September 2010
- **Sharma N**, Madhusudan MD and Sinha A. 2010. Co-existence and conservation of sympatric primates in the fragmented habitat of the Hollongapar Gibbon Wildlife Sanctuary, Assam, northeastern India. Twenty-third Congress of the International Primatological Society, Kyoto, Japan, September 2010
- **Sharma N**. 2010. Forest history, plantation and conservation. *General Training on Sustainable Agriculture Network (SAN), Standard Workshop*, Ooty, India, August 2010 (**Invited talk**)
- **Sharma N**. 2010. *Luitparor gatha*: Deforestation of the Upper Brahmaputra Valley – A historical perspective, *Annual Meeting*, Nature Conservation Foundation, Mysore, India, July 2010
- **Sharma N**, Madhusudan MD and Sinha A. 2009. Primates on the edge: Conservation of non-human primates in fragmented habitats of the Upper Brahmaputra valley, northeastern India, *Annual Meeting of the Association for Tropical Biology and Conservation, Asia-Pacific Chapter*, Chiang Mai, Thailand, February 2009
- **Sharma N**, Madhusudan MD and Sinha A. 2008. Primates on the edge: Conservation of non-human primates in fragmented habitats of the Upper Brahmaputra valley, northeastern India, *Students' Meet on Ecology, Evolution and Conservation Science (SMEECS)*, National Centre for Biological Sciences, Bangalore, August 2008
- **Sharma N**, Madhusudan MD and Sinha A. 2007. Diminishing habitat, vanishing primates: Conservation of primates in the upper Brahmaputra valley, northeastern India. *Student Conference on Conservation Science (SCCS)*, University of Cambridge, Cambridge, UK, March 2007
- **Sharma N** and Sinha A. 2006. Primates in isolation: Managing fragments as a key to their conservation. *National Seminar on Zoology for Human Welfare*, Zoological Society of Assam, Gauhati University, Guwahati, India, February 2006
- **Sharma N** and Sinha A. 2005. Stepchildren of the seven sisters: The threatened primate diversity of northeastern India. *Fifth Göttinger Freilandtage – Primate Diversity: Past, Present and Future*, Deutsches Primatenzentrum, Göttingen, Germany, December 2005

E. Popular Articles

- Gohain D, Gogoi N, Goswami AA and **Sharma N** (2017). Study of Nature's calendar. *Cotton University Report and Journal 2017*
- **Sharma N** et al (2016). Cotton University Campus bird count: Summary report. *Cotton University Report and Journal 2016*
- **Sharma N** (2014). At a crossroad. *The Hindu*, 10 September 2014. <http://www.thehindu.com/todays-paper/tp-in-school/at-a-crossroads/article6395237.ece>
- **Sharma N** (2013). Three different voices. *The Hindu*, 17 July 2013. <http://www.thehindu.com/todays-paper/tp-in-school/three-different-voices/article4921694.ece>
- **Sharma N** (2012). The singing farmers of the forest. *The Hindu*, 21 November 2012. <http://www.thehindu.com/todays-paper/tp-in-school/the-singing-farmers-of-the-forest/article4117519.ece>
- **Sharma N** (2011). Over one hundred years of solitude: History of the Hollongapar Gibbon Wildlife Sanctuary. *Zoo's Print Magazine*, 26: 5-8
- **Sharma N** (2011). A remnant tale. *The Sanctuary Asia* 31:42-47

- Saikia U, **Sharma N** and Das A (2010). Vanishing species: The planet in crisis. *Resonance: Journal of Science Education* 15: 321-336
- **Sharma N** (2010). Where have all the monkeys gone? *Bushchat*, Nature Conservation Foundation Newsletter 6: 18-19
- **Sharma N** (2010). A monkey watcher's diary. *The Sanctuary Asia*, 30: 38-41
- **Sharma N** (2010). In the land of primates. *The Horizon, The Assam Tribune*, 25 September 2010
- **Sharma N** (2009). Wildlife under wheels. <http://conservation.in/blog/wildlife-under-wheels/>
- Saikia U, **Sharma N** and Das A (2008). What is a species: An endless debate. *Resonance: Journal of Science Education* 13: 1049-1064

WORKSHOP / SEMINAR ATTENDED

- State Level Launch of Swachh Survekshan Grameen-2018 organised by Swachh Bharat Mission-Gramin, Assam, NEDFi Convention Centre, Guwahati, 26 July 2018
- Activities Planning workshop for Unnat Bharat Abhiyan for villages cluster organized by Indian Institute of Technology (IIT-Guwahati) and UBA IIT Delhi, IIT-Guwahati, 21 July 2018
- Policy dialogue on Mainstreaming Biodiversity Concerns into Forest and Forest Management organized by Centre for Biodiversity Policy and Law, National Biodiversity Authority, Hotel Lily, Guwahati, 28 June 2018
- Regional Orientation Workshop of National Children's Science Congress organised by Assam Science Technology and Environment Council and National Council for Science and Technology Communication, Government of India at Don Bosco Institute, Kharghuli, Guwahati 9 to 11 May 2018
- Orientation Workshop on Unnat Bharat Abhiyan at AICTE Auditorium, New Delhi, 25 April 2018
- International Workshop on Hydro-meteorological modeling for regional flood prediction, Cotton University, 7 March 2018
- Inception Workshop on Assam Biodiversity Portal at NEDFi House, Guwahati, Assam, 30 June 2017
- Workshop on Asian Elephant Research and Conservation in Northeast India organised by Wildlife Conservation Society – India Program, Centre for Wildlife Studies and North Carolina State University, USA at NEDFi House, Guwahati, Assam, 11 May 2017
- Workshop on human-elephant conflict and restoration of elephant corridors and home range through private initiatives / community reserves organised by Karnataka Forest Department, Aranya Bhavan, Mysuru, Karnataka, 26 August 2015
- State Level Inception Workshop on strengthening Participatory Forest Management in India in Collaboration with Assam Forest Department organised by Enviro Legal Defence Firm at NEDFi House, Guwahati, Assam, 7 August, 2015
- Workshop on Statistics, organised by Association for Tropical Biology and Conservation, Asia Pacific Chapter at King Mongkut's University of Technology, Thonburi, Bangkok Thailand 23 to 27 February 2009
- Workshop on Scientific Writing, organised by Association for Tropical Biology and Conservation, Asia Pacific Chapter at King Mongkut's University of Technology, Thonburi, Thailand 17 to 20 February 2009

EXPERIENCE AS A CONSULTANT

- Provided expert comments on the First Stakeholder Consultation – Assam State Biodiversity Strategy and Action Plan organised by Wildlife Institute of India, Dehradun and Assam State Biodiversity Board at NEDFi House, Guwahati, Assam, 16 September 2016
- Consulted and written the first draft of Tiger Conservation Plan of Dampa Tiger Reserve, Mizoram on invitation from the Department of Environment & Forests, Govt. of Mizoram, India 2012.
- Consulted and provided inputs to Rainforest Alliance (RA) and the Sustainable Agriculture Network (SAN) to draft the local interpretation guidelines for sustainable tea and coffee production in India, 2011.
- Provided expert inputs into a few projects to National Board of Wild Life (NBWL), Steering Committee, Government of India.
- Provided expert inputs into discussion meeting on elephants’ corridors of North East”, conducted in Guwahati on 1st and 2nd August 2003 by Wildlife Trust of India and contribute to filling in of information gaps on certain corridors and sharing views on elephant habitats of northeastern India.

TEACHING AND TRAINING EXPERIENCE

- Conducted workshop on *why and how of primate census and survey*. Student Conference on Conservation Sciences, Indian Institute of Science, Bengaluru, India, 29 September 2018
- Conducted workshop on *why and how of primate census and survey*. Student Conference on Conservation Sciences, Indian Institute of Science, Bengaluru, India, 22 September 2017
- Taught Animal Behaviour at Green Hub, Tezpur, Assam, 24 June 2017 (Total Contact hours = 6 hrs).
- Visiting faculty at Centre for Ecology, Environment and Sustainable Development, Tata Institute of Social Sciences (TISS), Guwahati Campus and taught selected units of the course “Biodiversity Conservation and Management, C6” for the MA (Ecology, Environment and Sustainable Development) Programme between 10th February and 10th May 2017 (Total contact hours =15).
- Conducted *Cotton University Campus Bird Count* from 17-20 February 2017 at Cotton Campus.
- Conducted Workshop on *Guwahati Bird Count* at Sudmersen Hall, Cotton College, Pan Bazar, Guwahati on 15 February 2017.
- Conducted workshop on *why and how of primate census and survey*. Student Conference on Conservation Sciences, Indian Institute of Science, Bengaluru, India, 22 September 2016 (with Rishi Kumar, Wildlife Institute of India, Dehradun).
- Conducted workshop on *why and how: basic methods of primate behavioural research*. Student Conference on Conservation Sciences, Indian Institute of Science, Bengaluru, India, 24 September 2016 (with Rishi Kumar, Wildlife Institute of India, Dehradun).
- Taught Conservation Biology module for UGC sponsored Career Oriented Course on Wildlife Conservation Biology at Department of Zoology, Digboi College, Assam from 21 – 23 August 2015 (Total Contact hours = 9 hrs).
- Taught a module Biodiversity Conservation and Management for the Range Forest Officer 2015-2016 Course. Central Academy for State Forest Service, Burnihat, Assam, 6 June to 11 June 2016 (with Umesh Srinivasan and Nandini Velho).
- Conducted workshop on Managing research workflow: An introduction to reference management to learn discovers, organise and write up your research. *Young Ecologists Talk and Interact (YETI)*, Amity University, Noida, India, January 2016

- Taught two modules (Conservation Biology and Behavioural Ecology) for UGC sponsored Career Oriented Course on Wildlife Conservation Biology at Department of Zoology, Digboi College, Assam from 18 – 20 March 2015.
- Conducted two-days intensive workshop on use of EndNote—a reference manager software for the students and faculties of Indian Institute of Technology-Guwahati, March 2015
- Taught Primate Community Ecology module for PhD students at School of Natural Sciences and Engineering, National Institute of Advanced Studies, Bangalore, March 2011.
- Conducted training cum workshop on primate census technique 18 – 19 July 2008, Hollongapar Gibbon Sanctuary, Jorhat, Assam
- Conducted workshop on Habitat Assessment, GIS and Mapping at DST sponsored workshop on north-east Wildlife Initiative on October 22-25, 2009 at the Department of Zoology, Gauhati University, Guwahati.
- Delivered several lectures and interacted with over 600 students during Assam Government's Chief Minister's Gyan Jyoti Programme (2008 and 2009) at Hollongapar Gibbon Sanctuary, Jorhat, Assam.
- Taught Fundamental Ecology and Zoology at Department of Zoology, B Borooah College, Gauhati University, Guwahati from July 2001 to January 2002 (Six months)
- Participated in National Knowledge Conclave for Colleges and Universities, Anil Agarwal Environment Training Institute (AAETI), Rajasthan, 4-7 March 2019 organised by the Centre for Science and Environment (CSE).

OTHER ACADEMIC EXPERIENCE

- Evaluator, 26th National Children's Science Congress, SOA University, Bhubaneswar from 27 December to 31st December 2018
- Panelist, Topic – Rural Futures: Natural Assets and Capitals, Women's Hub, Eastern Himalayan Naturenomics Forum 2017, Balipara Foundation, 2-3 November 2017
- Judge, Students' Oral Presentation at Student Conference on Conservation Science (SCCS), Bengaluru, India on 21 to 24 September 2017
- Panelist, Topic - Student-Expert Interaction on the Occasion of World Tiger Day, Youth Empowered Club, IIT Guwahati, 27 July 2017
- Panelist, Topic – Women in Science, Women's Hub 27 May 2017

COURSES AND CURRICULAM DESIGN

- MSc Course (4 semesters), Environmental and Wildlife Sciences, Cotton University, 2018
- UG course on Environmental Studies, Cotton University, 2018 Wrote a unit (Unit – Environmental Issues) for self- learning material of paper North East Studies, Krishna Kanta Handiqui State Open University (with Shalini Sharma), 2017
- MSc Course (4 semesters), Environmental and Wildlife Sciences, Cotton College State University, 2016
- PhD Course (2 semester), Environmental Biology and Wildlife Sciences, Cotton University, 2016
- Career Oriented Certificate Course on Wildlife Conservation, Digboi College, Dibrugarh University (with Mr Rajib RudraTariang)

ADMINISTRATIVE AND ORGANISATION RESPONSIBILITY

- State Coordinator, Campus Bird Count 2019
- Head (in Charge), Department of Environmental Biology and Wildlife Sciences, Cotton University from 17 December 2015 to 17 December 2018.

- Convener, Workshop on “An Introduction to Research Methodology” by Dr Hari Sridhar, Postdoctoral Research Associate, Centre for Ecological Sciences, Indian Institute of Science, Bangalore at Conference Hall, Cotton University 28 November 2018
- Convener, talks by Dr Hari Sridhar, Postdoctoral Research Associate, Centre for Ecological Sciences, Indian Institute of Science, Bangalore on “Why do birds form mixed-species flocks?” and Dr Joyshree Chanam, National Centre for Biological Sciences, Bangalore on “Ants in my Plants” at Conference Hall, Cotton University 28 November 2018
- Convener, talk on “How are we conserving the most charismatic cat in the world?” by Dr Abishek Harihar, Panthera, USA at Room No 311, MCB Building, Cotton University on 5th November 2018.
- Jointly organised World Turtle Day on 23 May 2018 at Assam State Zoo cum Botanical Garden with Help Earth and Assam State Zoo and Botanical Garden
- Jointly organised a talk (with IASST, Guwahati) by Dr Asad Rahmani, Former Director, Bombay Natural History Society, Mumbai on ‘Threatened Birds of Brahmaputra Flood Plain of Assam’ at IASST, Guwahati on 18 May 2018
- Organised an interactive session with Dr Geeta Ramaswamy and Ms Swati Sidhu, Nature Conservation Foundation, Mysuru on the topic ‘Citizen Science, Introduction to R and Wikimedia Commons’ on 30 March 2018.
- Co-ordinated the Campus Bird Count held at Cotton University, Panbazar, Guwahati, Assam (February 2018)
- Organised an interactive session with Mr Gopakumar Menon on the topic ‘Why otter matter?’ on 30 January 2018
- Organised an interactive session with Mr Dhananjaya Katju, PhD Candidate, Texas A&M University, USA on the topic ‘The Political Ecology of non-compliance: Environmental Governance, Encroachment, and Illicit Resource Extraction in the Manas Tiger Reserve’ on 27 December 2017
- Organised an interactive session with Ms Neha Sinha of Bombay Natural History Society, Mumbai on the topic ‘Communicating conservation- conformation challenges and complexities’ on 8 November 2017
- Organised a workshop on ‘Introduction to eBird’ on 28 October 2018 at Department of Environmental Biology and Wildlife Sciences, Cotton University (Resource Persons: Mr Jaydev Mandal and Somoyita Sur, Gauhati University, Guwahati, Assam)
- Organised a colloquium delivered by Shreejata Gupta, SERB-National Post-doctoral Fellow. The title of the talk was, “Gestural communication of wild bonnet macaques *Macaca radiata* in the Bandipur National Park, southern India” 25 April 2017 at Cotton College State University, Guwahati.
- Co-ordinated the Campus Bird Count held at Cotton College State University, Pan Bazar, Guwahati, Assam (February 2017)
- Organised a colloquium delivered by Ron Chandler, Department of Psychology, University of Florida, USA and The Conservation Initiative for the Asian Elephant. The title of the talk was, “The psychology of sustainability” 13 February 2017 at Cotton College State University, Guwahati.
- Organised a colloquium delivered by Aniruddha Datta Roy, Post-Doctoral Research Associate, Indian Institute of Science, Bangalore. The title of the talk was, “A peek into the evolutionary origin of skinks of the Indian subcontinent” 2 February 2017 at Cotton College State University, Guwahati.
- Organised a colloquium delivered by John W Fitzpatrick, Director, Cornell Lab of Ornithology, New York, US. The title of the talk was, “How birds can save the world” 18 January 2017 at Cotton College State University, Guwahati.

- Organised a colloquium delivered by Anindya Sinha, National Institute of Advanced Studies, Bangalore. The title of the talk was, “A search for a new philosophy of biology” 5 December 2016 at Cotton College State University, Guwahati.
- Organised a colloquium delivered by M Ananda Kumar, Nature Conservation Foundation, Mysore. The title of the talk was, “Promoting human-elephant coexistence: potential benefits of technological interventions in contested landscapes” 15 November 2016 at Cotton College State University, Guwahati.
- Organised a colloquium delivered by Amritharaj Christy Williams, WWF – International and Kashmira Kakati, Wildlife Biologist. The titles of the talks were: “My life with elephants” and “Lessons from the jungle” 24 October 2016, at Cotton College State University, Guwahati.
- Organised a workshop on Ecology of Spiders 24 September 2016 at Cotton College State University. (Resource person: Ms Sangeeta Das, Department of Zoology, Gauhati University).
- Organised a workshop on Plant Taxonomy, Identification and Field Skills 10 September 2016 at Cotton College State University. (Resource person: Himu Roy, Department of Botany, Cotton College State University).
- Organised a workshop on Quantitative Ecology on 11 June 2016 at Cotton College State University. (Resource person: Umesh Srinivasan, Princeton University, USA).
- Organised a colloquium delivered by Subhankar Chakraborty, All India People's Science Network and Bharat Gyan Vigyan Samiti-Karnataka. The title of the talk was “Why do we conserve, what do we conserve: an (non)-evangelical dialogue in conserving natural population.” 6 April 2016
- Organised Cotton University Butterfly Walk from 30 March 2016 to 1 April 2016 at Cotton University Campus (with Sarangpani Neog).
- Organised a colloquium delivered by Kalyan Varma, Nature Conservation Foundation, Mysore. The title of the talk was, “The Power of Photography.” 13 March 2016 at Cotton College State University, Guwahati.
- Organised a colloquium delivered by Krishnapriya Tamma of NCSB, Bangalore. The title of the talk was, “Mammals of South Asia: Biogeographic Patterns, macroevolution and speciation.” 9 Feb 2016 at Cotton College State University, Guwahati.
- Co-ordinated the Campus Bird Count held at Cotton College State University, Pan Bazar, Guwahati, Assam (February 2016)
- Co-ordinated the National Science Day jointly organised by Cotton College State University (CCSU) and Institute of Advanced Studies in Science and Technology (IASST) at Guwahati, Assam (February 2016).
- One of the key volunteers in preparation of Mysore City Bird Atlas to systematically document the distribution and abundance of birds across the city, Karnataka (June 2015).
- One of the core organisers of Young Ecologists Interact and Talk (YETI) (website:<http://www.meetyeti.com>) held at Nagaland University, Nagaland(2013), Wildlife Institute of India, Dehradun (2012), Indian Institute of Technology-Guwahati, Guwahati (2011) and Indian Institute of Sciences, Bangalore (2010).
- One of the key volunteers of Student Conference on Conservation Sciences (SCCS) held in Indian Institute of Science, Bangalore (2013, 2011 and 2010); and International Tree and Flying Squirrel Colloquia held in Periyar, Kerala (2006).

LITERARY, CULTURAL AND OTHER ACTIVITIES

- I have been actively writing in popular media such as newspaper (At a crossroad. *The Hindu*, 10 September 2014. <http://tinyurl.com/n5dzwf4>, *Three Different Voices*, July 17, 2013 The Hindu URL: <http://tinyurl.com/q9t9uar>; *The Singing Farmers of the Forest* <http://tinyurl.com/m7e7z8x>), *At a Crossroads* <http://tinyurl.com/n5dzwf4>, blog articles (*Wildlife Under Wheel* <http://tinyurl.com/7t7avvf>) and popular magazines. I am extremely interesting in reading varieties of books: fiction, non-fiction, nature writing, biography, philosophy etc., and spent considerable time in reading articles in various blogs.
- I was engaged with a cultural group in my locality for a long time during which I had staged various cultural shows including a few short dramas on local social issues.
- I am an avid movie aficionado and frequently watch movies from around the world.

TRAINING COURSE

- First SERB-Sponsored School in Evolutionary Biology 12-26 March, 2019, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, sponsored by SERB, statutory body of DST, New Delhi
- Orientation Programme (OP 115), conducted by UGC – Human Resource Development Centre, Gauhati University. 07 February 2018 to 6 March 2018
- Exposure Visit conducted under Biodiversity Conservation and Rural Livelihood Improvement Project (BCRLIP) conducted by Field Learning Centre, Periyar Tiger Conservation Foundation at Periyar Tiger Reserve, Thekkady, Kerala from 28 February 2014 to 03 March 2014
- Certificate Course on ‘Introduction to GIS and its Applications’ organised by National Remote Sensing Centre (formerly the National Remote Sensing Agency), Department of Space, Government of India, Balanagar, Hyderabad. 9 April 2007 to 4 May 2007

COMPLETED ONLINE COURSE

- ‘**Biological Diversity (Theories, Measures and Data sampling techniques)**’ by National Research Tomsk State University on Coursera. Certificate earned on November 4, 2016
- ‘**Writing in the Sciences,**’ Stanford University from 1 September to 3 November 2015 <https://lagunita.stanford.edu/courses/Medicine/SciWrite/Fall2015/info>
- ‘**Questionnaire Design for Social Surveys,**’ University of Michigan, USA from 1 June 2015 to 11 August 2015 through Coursera (<https://www.coursera.org/course/questionnairedesign>)
- ‘**Animal Behaviour,**’ The University of Melbourne, Australia from 1 June 2015 to 27 July 2015 through Coursera (<https://www.coursera.org/course/animalbehav>)
- ‘**The Language of Hollywood Storytelling Sound and Color,**’ Wesleyan University, USA from 4 February 2013 to 11 March 2013 through Coursera (<https://www.coursera.org/course/hollywood>).

MEMBERSHIP IN COMMITTEES OF COTTON COLLEGE STATE UNIVERSITY / COTTON UNIVERSITY AND OTHER ORGANISATIONS

- Chairperson (Institutional Animal Ethical Committee, Cotton College State University)
- Convener (Colloquium and Seminar Committee, Cotton College State University)
- Convener (Exhibition Committee), National Science Day, 2016
- Coordinator (PhD Course Work), Cotton College State University
- Member (Cotton University Colloquium, Cotton College State University)
- Member (Cotton University Movie Appreciation Society, Cotton College State University)
- Member (Cotton University Newsletter Editorial team)
- Member (Editorial Board, Cotton University Report and Journal 2016)
- Member (Editorial Board, Cotton University Report and Journal 2017)
- Member (Organising Committee, First Convocation, Cotton College State University 2017)
- Member, Assam State Biodiversity Strategy and Action Plan (ASBSAP), 2017
- Panel of Experts, Internship Programme on Biodiversity Conservation, Assam State Biodiversity Board, 2017
- Advisor, Assam Biodiversity Portal, 2017
- Member, Editorial Board, Aaloran, First Edition March 2018
- Co-ordinator, Research Methodology, PhD Course Work, Cotton University
- Member, Departmental Research Committee, Department of Zoology, Cotton University
- Chairperson and Convener, Departmental Research Committee, Department of Environmental Biology and Wildlife Sciences, Cotton University
- Chairperson and Convener, Under Graduate and Post Graduate Board of Studies, Departmental Department of Environmental Biology and Wildlife Sciences, Cotton University
- Member, PhD Course Work Committee, Cotton University
- Member, Fact Finding Committee, Cotton University
- Member, Organisation Committee, Popular Lecture by Paul Walton, Professor of Chemistry, University of York, UK
- Convener, World Water Day Celebration Committee, organised jointly by Safe Water Centre for Healthy Assam (SWaCHA) and Department of EBWS, Cotton University on 22 March 2018
- Member, Higher Secondary Admission Co-ordination Committee, Cotton University for the academic session 2018-19
- Joint Convener, Unnat Bharat Abhiyan Cell – Cotton University, 2018
- Member, Invitation Committee, North east India Energy Conclave organised by Cotton University 23 to 25 April, 2018
- Member, Technical & Poster Committee, North east India Energy Conclave organised by Cotton University, 23 to 25 April, 2018
- Member, RUSA Committee, Cotton University, 2018
- Organising Secretary, World Environment Day Celebration, Organised jointly by Cotton University and United Nations Resource Centre, North Eastern Region at Cotton University, 5 June 2018
- Member, Advisory Committee, Review Various Qualitative and Quantitative Matrix under Key indicators in Criteria – VII (Institutional Values and Best Practices) of NAAC Assessment Process, Cotton University. 24 December 2018

THESES GUIDED

A. Doctoral research in Progress

- *Foraging Strategies of capped langur Trachypitecus pileatus along different disturbance regimes*
Neeharika Gogoi
Department of Environmental Biology and Wildlife Sciences
Cotton University, Panbazar, Guwahati, Assam, 2017 onwards
- *Evaluation of Ecosystem Services of Deepor Beel, Guwahati, Assam*
Violina Hazarika
Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018 onwards

- *Impact of habitat fragmentation and loss on mammalian functional and phylogenetic diversity in Upper Brahmaputra Valley, northeastern India*

Puja Bishaya

Department of Environmental Biology and Wildlife Sciences
Cotton University, Panbazar, Guwahati, Assam, 2018 onwards

B. MASTER'S DEGREE

- *Survey of the diurnal primates in Amchang Wildlife Sanctuary*

Langtuk Terang

Department of Zoology

Cotton College State University, Panbazar, Guwahati, Assam, 2017

- *Assessment and comparison of heavy metals in excreta of Greater adjutant stork *Leptoptilos dubius* from different habitats of Assam, India*

Himangshu Kalita

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

- *Analysis of Wildlife News Coverage in an English Daily of Assam*

Rakhee Sharma

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

- *Analysis of alpha and beta diversity of fish community in the wetlands of three districts of Assam*

Mustafizur Rahman

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

- *Guwahati City Bird Atlas*

Dipanjali Gohain

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

- *Endoparasitic investigation of cattle in fringe villages of Pobitora Wildlife Sanctuary*

Violina Hazarika

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

- *Spatiotemporal change in the distribution of five large mammals and their relation with the changing land use and land cover in the urban landscape of Guwahati*

Amlan Aditya Goswami

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

- *Understanding the dependency of the local communities on resources of Deepor Beel: a wetland of international significance*

Jitul Kalita

Department of Environmental Biology and Wildlife Sciences

Cotton University, Panbazar, Guwahati, Assam, 2018

C. INTERNSHIP

- Karishma Sharma, KIIT School of Biotechnology, KIIT University, Bhubaneswar (2 January 2019 to 22 April 2019)
- Priyanka Saikia, NEF College of Management & Technology, Guwahati, Assam (2 July to 31 July 2018)
- Karabi Sonowal, NEF College of Management & Technology, Guwahati, Assam (2 July to 31 July 2018)
- Ananta Tigga, Amity University, Noida, Uttar Pradesh (19 June – 5 July 2018)
- Anushka Saikia, B Borooah College, Guwahati, Assam (19 June – 5 July 2018)
- Arpita Bordoloi, B Borooah College, Guwahati, Assam (19 June – 5 July 2018)
- Suman Mehjebin, B Borooah College, Guwahati, Assam (19 June – 5 July 2018)
- Sudipta Kalita, St Xavier's College, Mumbai, Maharashtra (15 April 2018 to 27 May 2018)

MEMBERSHIP IN PROFESSIONAL ORGANISATIONS

- Member, International Primatological Society, 2010 onwards
- Member, Society of Conservation Biology, 2019 onwards

INVITED PEER REVIEWS

Biological Conservation, Animal Conservation, Environmental Conservation, Ambio, Current Science, International Journal of Primatology, Endangered Species Research, Tropical Ecology, Wildlife Society Bulletin, National Geographic Society, Science Vision, Department of Science and Technology, Government of India, Young Ecologist Talks and Interact (YETI) Conference, Indian-Behaviour, Ecology and Evolution Conference (I-BEE), Student Conference on Conservation Science – Bengaluru