
CURRICULUM VITAE

Name: T.N.C. Vidya

Designation and address: Associate Professor and Chair
Evolutionary and Integrative Biology Unit (formerly
Evolutionary and Organismal Biology Unit)
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Education:

- Ph.D., 2005, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru.
- M.S. in Biology, 2000, Indian Institute of Science, Bengaluru, India.
- B.Sc. in Zoology, Botany, and Chemistry, 1997, St.Francis' College (autonomous, affiliated to Osmania University), Hyderabad, India.

Positions held:

- Associate Professor and Chair, September 15, 2017 - present
- Faculty Fellow, July 14, 2015 – September 14, 2017, Evolutionary and Organismal Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India.
- Senior Fellow, August 1, 2013 - July 13, 2015, Evolutionary and Organismal Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India.
- Ramanujan Fellow, August 1, 2008 - July 31, 2013, Evolutionary and Organismal Biology Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India.
- Postdoctoral Student, February 2007 - June 2008, Department of Botany and Zoology, Stellenbosch University, Stellenbosch, South Africa.
- Postdoctoral Project Associate, November 2004 - December 2006, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru, India.
- Postdoctoral Project Associate (Provisional), August 2004 - November 2004, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru, India.

Fellowships and visitorships:

- Ramanujan Fellowship from the Department of Science and Technology, Government of India, held at the Jawaharlal Nehru Centre for Advanced Scientific Research, August 2008 – July 2013.
- Two-year postdoctoral fellowship from the National Research Foundation, South Africa, held at Stellenbosch University from February 2007 – June 2008.
- Visiting Scholarship at the Center for Environmental Research and Conservation, Columbia University, New York, August 2002 – February 2003.
- Visiting Scholarship at the Center for Environmental Research and Conservation, Columbia University, New York, October 2000 – April 2001.
- Seven-year research fellowship for the Integrated Ph.D. (M.S. and Ph.D.) programme at the Indian Institute of Science, Bangalore, from August 1997 – July 2004.

Awards and Honours:

- Prof. C.N.R. Rao Oration Award Lecture, delivered on 14-Aug-2017, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru.
- Nominated by INSA to represent the country as a Young Leader at the Young Leaders' Programme, which was part of the Annual Meeting of the Science and Technology in Society Forum. This meeting was held in Kyoto, Japan, from 5-7 October 2014.
- Chosen to present work at the Indo-American Frontiers of Science Symposium held by the Indo-US Science and Technology Forum, April 7-10, 2013, Agra, India.
- Indian National Science Academy (INSA) Young Scientist Award 2007.
- Dr. VSR Grandi's Gold Medal, 1997, for the Botany-Zoology-Chemistry group during B.Sc. 1994-1997.

Membership of Professional Bodies:

- Founding Member and Fellow of the Indian Society of Evolutionary Biologists (ISEB), July 2018-present.
- Member (through invitation) of the IUCN SSC (World Conservation Union's Species Survival Commission) Asian Elephant Specialist Group, February 2007-2008, 2009-2012, 2013-2016, 2017-present.
- Member, Animal Behaviour Society, August 2015-July 2018.
- Member, Association for the Study of Animal Behaviour, August 2018-present.
- Member, American Society of Mammalogists, June 2019-present.

Publications:

Peer-reviewed articles and articles in bioRxiv (* corresponding author)

1. Grueter CC*, Qi X, Zinner D, Bergman T, Li M, Xiang Z, Zhu P, Miller A, Krützen M,

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- Fischer J, Rubenstein DI, Vidya TNC, Li B, Cantor M, Swedell L. 2020. On multifaceted definitions of multilevel societies: response to Papageorgiou and Farine. *Trends in Ecology and Evolution* 36(1): 17-19.
2. Grueter CC*, Qi X, Zinner D, Bergman T, Li M, Xiang Z, Zhu P, Migliano AB, Miller A, Krützen M, Fischer J, Rubenstein DI, Vidya TNC, Li B, Cantor M, Swedell L. 2020. Multilevel organisation of animal sociality. *Trends in Ecology and Evolution* 35(9): 834-847. DOI: <https://doi.org/10.1016/j.tree.2020.05.003>.
 3. Vidya TNC*. 2020. Dorothy Leavitt Cheney (1950–2018): Understanding the lives and minds of primates. *Resonance* 25(8): 1069-1074. DOI: <https://doi.org/10.1007/s12045-020-1023-x>.
 4. Revathe T, Anvitha S, Vidya TNC*. 2020. Development of motor control and behaviour in Asian elephants in the Kabini elephant population, southern India. *International Journal of Developmental Biology* 64 (4-5-6): 367-382. DOI: [10.1387/ijdb.190274tv](https://doi.org/10.1387/ijdb.190274tv).
 5. Keerthipriya P, Nandini S, Vidya TNC*. 2020. Effects of male age and female presence on male associations in a large, polygynous mammal in southern India. *bioRxiv*. DOI: <https://doi.org/10.1101/485144>.
 6. Keerthipriya P, Nandini S, Gautam H, Revathe T, Vidya TNC*. 2020. Musth and its effects on male-male and male-female associations in Asian elephants. *Journal of Mammalogy* 101: 259-270.
 7. Keerthipriya P, Vidya TNC*. 2019. A comparison of the occurrence of musth in the Kabini elephant population with other populations. *Gajah* 50: 4-16.
 8. Gautam H, Vidya TNC*. 2019. A test of the socioecological model in female Asian elephants: the effects of food abundance, food distribution, and competitor density on within-clan and between-clan contests. *bioRxiv*. DOI: <https://doi.org/10.1101/754515>.
 9. Gautam H, Arulmalar E, Kulkarni MR, Vidya TNC*. 2019. NDVI is not reliable as a surrogate of forage abundance for a large herbivore in tropical forest habitat. *Biotropica* 51: 443-456.
 10. Nandini S, Keerthipriya P, Vidya TNC*. 2018. Group size differences may mask underlying similarities in social structure: a comparison of female elephant societies. *Behavioral Ecology* 29(1): 145-159.
 11. Vidya TNC*. 2018. Supernormal stimuli and responses. *Resonance* 23: 853-860.
 12. Nandini S, Keerthipriya P, Vidya TNC*. 2017. Seasonal variation in female Asian elephant social structure in Nagarhole-Bandipur, southern India. *Animal Behaviour* 134: 135-145. DOI [10.1016/j.anbehav.2017.10.012](https://doi.org/10.1016/j.anbehav.2017.10.012).
 13. Gautam H, Vidya TNC*. 2017. The Relationship between Food Distribution and Contest Competition: Evidence from a Non-Primate Species, the Asian Elephant, in Southern India. Abstract in *Folia Primatologica* 88(2): 115-115.
 14. Gautam H, Potdar GG, Vidya TNC*. 2017. Using visual estimation of cover for rapid assessment of graminoid abundance in forest and grassland habitats in studies of
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- animal foraging. *Phytocoenologia* 47(4): 315-327.
15. Gupta M, Prasad NG, Dey S, Joshi A, Vidya TNC*. 2017. Niche construction in evolutionary theory: the construction of an academic niche? *Journal of Genetics* 96(3): 491-504. DOI 10.1007/s12041-017-0787-6.
 16. Gupta M, Prasad NG, Dey S, Joshi A, Vidya TNC*. 2017. Feldman *et al.* protest too much we think. *Journal of Genetics* 96(3): 509-511. DOI 10.1007/s12041-017-0796-5.
 17. Gupta M, Joshi A, Vidya TNC*. 2017. Effects of social organization, trap arrangement and density, sampling scale, and population density on bias in population size estimation using some common mark-recapture estimators. *PLoS One* 12(3): e0173609. <https://doi.org/10.1371/journal.pone.0173609>.
 18. Gupta M, Ravindranath S, Prasad D, Vidya TNC*. 2016. Short-term variation in sex ratio estimates of Asian elephants due to space use differences between the sexes. *Gajah* 44: 5-15. (Featured on the cover of the issue).
 19. Vidya TNC*. 2016. Evolutionary history and population genetic structure of Asian elephants in India. *Indian Journal of History of Science* 51(2.2): 391-405. DOI: 10.16943/ijhs/2016/v51i2.2/48453.
 20. Keerthipriya P, Tewari R, Vidya TNC*. 2015. Lateralization in trunk and forefoot movements in a population of free-ranging Asian elephants (*Elephas maximus*). *Journal of Comparative Psychology* 129(4): 377-387. DOI: 10.1037/com0000013.
 21. Prasad NG, Dey S, Joshi A, Vidya TNC*. 2015. Rethinking inheritance, yet again: inheritomes, contextomes and dynamic phenotypes. *Journal of Genetics* 94(3): 367-376. DOI: 10.1007/s12041-015-0554-5.
 22. Kundu P, Venkitachalam S, Vidya TNC*. 2015. Why so toxic? Venom evolution in animals. *Resonance* 20(7): 617-627. DOI: 10.1007/s12045-015-0220-5.
 23. Iyengar A, Kulkarni R, Vidya TNC*. 2015. Koinophilia and human facial attractiveness. *Resonance* 20(4): 311-319. DOI: 10.1007/s12045-015-0187-2.
 24. Vidya TNC*, Prasad D, Ghosh A. 2014. Individual identification in Asian elephants. *Gajah* 40: 3-17.
 25. Sarangi M, Ganguly P, Zenia, Arvind C, Lakshman A, Vidya TNC*. 2014. Common Myna roosts are not recruitment centres. *PLoS One* 9: e103406. DOI: 10.1371/journal.pone.0103406.
 26. Vidya TNC*. 2014. Large, secondarily collected data in biological and environmental sciences. *Current Science* 106(6): 802-803.
 27. Chakraborty S, Boominathan D, Desai AA, Vidya TNC*. 2014. Using genetic analysis to estimate population size, sex ratio, and social organization in an Asian elephant population in conflict with humans in Alur, southern India. *Conservation Genetics* 15(4): 897-907. DOI: 10.1007/s10592-014-0587-y.
 28. Gray TNE*, Vidya TNC*, Potdar S, Bharti DK, Sovanna P. 2014. Population size estimation of an Asian elephant population in eastern Cambodia through non-invasive
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- mark-recapture sampling. *Conservation Genetics* 15(4): 803-810. DOI: 10.1007/s10592-014-0579-y.
29. Vidya TNC*. 2014. Novel behaviour shown by an Asian elephant in the context of allomothering. *Acta Ethologica* 17(2): 123-127. DOI: 10.1007/s10211-013-0168-y.
30. Shetty NR, Vidya TNC*. 2011. To split or not to split: the case of the African elephant. *Current Science* 100(6): 810-812.
31. Vidya TNC*, Thuppil V. 2010. Immediate behavioural responses of humans and Asian elephants in the context of road traffic in southern India. *Biological Conservation* 143(8): 1891-1900. DOI: 10.1016/j.biocon.2010.04.043.
32. Vidya TNC*, Sukumar R, Melnick DJ. 2009. A range-wide phylogeography of the Asian elephant (*Elephas maximus*) based on mitochondrial DNA. *Proceedings of the Royal Society of London, Series B* 276(1658): 893-902. DOI: 10.1098/rspb.2008.1494.
33. Vidya TNC*, Balmforth Z, Le Roux A, Cherry MI. 2009. Genetic structure, relatedness, and helping behaviour in the yellow mongoose in a farmland and a natural habitat. *Journal of Zoology* 278(1): 57-64. DOI: 10.1111/j.1469-7998.2009.00551.x.
34. Vidya TNC*. 2009. Identification of 10 polymorphic loci in the yellow mongoose through cross-species amplification. *South African Journal of Wildlife Research* 39(2): 133-136. DOI: 10.3957/056.039.0212.
35. Vidya TNC, Varma S, Dang NX, Van Thanh T, Sukumar R*. 2007. Minimum population size, genetic diversity, and social structure of the Asian elephant in Cat Tien National Park and its adjoining areas, Vietnam, based on molecular genetic analyses. *Conservation Genetics* 8(6): 1471-1478. DOI: 10.1007/s10592-007-9301-7.
36. Vidya TNC, Fernando P, Melnick DJ, Sukumar R*. 2005. Population genetic structure and conservation of Asian elephants (*Elephas maximus*) across India. *Animal Conservation* 8(4): 377-388. DOI: 10.1017/S1367943005002428.
37. Vidya TNC, Sukumar R*. 2005. Social organization of the Asian elephant (*Elephas maximus*) in southern India inferred from microsatellite DNA. *Journal of Ethology* 23(2): 205-210. DOI: 10.1007/s10164-005-0144-8.
38. Vidya TNC, Sukumar R*. 2005. Social and reproductive behaviour in elephants. *Current Science* 89(7): 1200-1207.
39. Vidya TNC*, Fernando P, Melnick DJ, Sukumar R. 2005. Population differentiation within and among Asian elephant (*Elephas maximus*) populations in southern India. *Heredity* 94(1): 71-80. DOI: 10.1038/sj.hdy.6800568. (Featured as a research highlight on the *Nature* website, 7 Oct 2004).
40. Vidya TNC, Sukumar R*. 2005. Amplification success and feasibility of using microsatellite loci amplified from dung to population genetic studies of the Asian elephant (*Elephas maximus*): a field study from southern India. *Current Science* 88(3): 489-491.
41. Fernando P*, Vidya TNC, Payne J, Stuewe M, Davison G, Alfred RJ, Andau P, Bosi E, Kilbourn A, Melnick DJ. 2003. DNA analysis indicates that Asian elephants are native
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to Borneo and are therefore a high priority for conservation. *PLoS Biology* 1(1): 110-115. DOI: 10.1371/journal.pbio.0000006. (Featured on the cover of the issue).

42. Fernando P*, Vidya TNC, Rajapakse C, Dangolla A, Melnick DJ. 2003. Reliable non-invasive genotyping: fantasy or reality? *Journal of Heredity* 94(2): 115-123. DOI: 10.1093/jhered/esg022.
43. Vidya TNC, Kumar VR, Arivazhagan C, Sukumar R*. 2003. Application of molecular sexing to free-ranging Asian elephant (*Elephas maximus*) populations in southern India. *Current Science* 85(7): 1074-1077.
44. Vidya TNC, Sukumar R*. 2002. The effect of some ecological factors on the intestinal parasite loads of the Asian elephant (*Elephas maximus*) in southern India. *Journal of Biosciences* 27(5): 521-528. DOI: 10.1007/BF02705050.
45. Fernando P*, Vidya TNC, Melnick DJ. 2001. Isolation and characterization of tri- and tetranucleotide microsatellite loci in the Asian elephant, *Elephas maximus*. *Molecular Ecology Notes* 1(4): 232-234. DOI: 10.1046/j.1471-8278.2001.00082.x.

Books

- Vidya TNC (Ed.) 2019. *From so Simple a Beginning: The Expansion of Evolutionary Thought*. Indian Academy of Sciences, Bengaluru.

Technical reports

- Desai AA, Vidya TNC, Boominathan D, Chakraborty S, Mohanraj N. 2013. Composition of the elephant population in Katteपुरa area and its movement pattern. Technical report to the Karnataka Forest Department.
- Gray TNE, Vidya TNC, Maxwell AL, Bharti DK, Potdar S, Channa P, Sovanna P. 2011. Using fecal-DNA and capture-mark-recapture to establish a baseline Asian elephant population for the Eastern Plains Landscape, Cambodia. Technical report submitted to WWF. WWF Greater Mekong Cambodia Country Program and Jawaharlal Nehru Centre for Advanced Scientific Research.

Popular and other miscellaneous articles

1. Vidya TNC. 2021. Birds in the Backyard: Bar-headed Goose (*Anser indicus*). *Resonance* 26(2): inside back cover. DOI: <https://doi.org/10.1007/s12045-021-1129-9>.
2. Vidya TNC. 2020. Birds in the Backyard: Painted Stork (*Mycteria leucocephala*). *Resonance* 25(12): inside back cover. DOI: <https://doi.org/10.1007/s12045-020-1098-4>.
3. Vidya TNC. 2020. Editorial for an issue on Rachel Carson. *Resonance* 25(11): 1475-1477. DOI: <https://doi.org/10.1007/s12045-020-1068-x>.
4. Vidya TNC. 2020. Birds in the Backyard: Wagtails. *Resonance* 25(10): inside back cover. DOI: <https://doi.org/10.1007/s12045-020-1066-z>.
5. Vidya TNC. 2020. Editorial for an issue on Dorothy Cheney. *Resonance* 25(8): 1063-1065. DOI: <https://doi.org/10.1007/s12045-020-1021-z>

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6. Vidya TNC. 2020. Birds in the Backyard: Oriental Magpie Robin (*Copsychus saularis*). *Resonance* 25(8): inside back cover. DOI: <https://doi.org/10.1007/s12045-020-1033-8>.
 7. Vidya TNC. 2020. Birds in the Backyard: Indian Paradise Flycatcher (*Terpsiphone paradisi*). *Resonance* 25(6): inside back cover. DOI: <https://doi.org/10.1007/s12045-020-1003-1>.
 8. Vidya TNC. 2020. Birds in the Backyard: Pied Kingfisher (*Ceryle rudis*). *Resonance* 25(4): inside back cover.
 9. Vidya TNC. 2020. Birds in the Backyard *Resonance* 25(2): inside back cover. DOI: <https://doi.org/10.1007/s12045-020-0944-8>.
 10. Vidya TNC. 2019. Editorial for an issue on Nikolai Vavilov. *Resonance* 24(12): 1349-1351. DOI: <https://doi.org/10.1007/s12045-019-0901-6>
 11. Vidya TNC. 2019. Who are we Indians. Review of *Early Indians: the story of our ancestors and where we came from*, by Tony Joseph. *Resonance* 24(6): 691-695.
 12. Vidya TNC. 2019. Introduction to Classics: The Great Human Expansion. *Resonance* 24(6): 711.
 13. Vidya TNC. 2019. Birds in the Backyard: Black redstart (*Phoenicurus ochruros*). *Resonance* 24(12): inside back cover. DOI: <https://doi.org/10.1007/s12045-019-0915-0>.
 14. Vidya TNC. 2019. Birds in the Backyard: Indian White-Eye (*Zosterops palpebrosus*). *Resonance* 24(9): inside back cover. DOI: <https://doi.org/10.1007/s12045-019-0871-8>.
 15. Vidya TNC. 2019. Birds in the Backyard. *Resonance* 24(6): inside back cover. DOI: <https://doi.org/10.1007/s12045-019-0829-x>.
 16. Vidya TNC. 2019. Birds in the Backyard: Purple Sunbird (*Cinnyris asiaticus*). *Resonance* 24(3): inside back cover. DOI: <https://doi.org/10.1007/s12045-019-0790-8>.
 17. Vidya TNC. 2018. Introduction to Classics: Art Forms in Nature. *Resonance* 23(11): 1283.
 18. Vidya TNC. 2018. Editorial for an issue on Nikolaas Tinbergen. *Resonance* 23(8): 829-832.
 19. Jolly P, Vidya TNC. 2018. Editorial for a Special Issue on work by women scientists. *Resonance* 23: 245-248.
 20. Nandini S, Vidya TNC. 2018. Is there seasonal variation in female Asian elephant social structures in southern India? *Science Trends* July 23, 2018. <https://sciencetrends.com/is-there-seasonal-variation-in-female-asian-elephant-socialstructures-in-southern-india/>.
 21. Vidya TNC. 2018. Birds in the Backyard: Black redstart (*Phoenicurus ochruros*). *Resonance* 23(12): inside back cover. DOI: <https://doi.org/10.1007/s12045-019-0915-0>.
 22. Vidya TNC. 2018. Birds in the Backyard. *Resonance* 23(9): inside back cover.
 23. Vidya TNC. 2018. Birds in the Backyard. *Resonance* 23(6): inside back cover.
 24. Vidya TNC. 2018. Birds in the Backyard. *Resonance* 23(3): inside back cover.
 25. Shashidhara LS, Vidya TNC. 2017. Contemporary issues in evolutionary biology. Preface to a Special Issue, *Journal of Genetics* 96: 399-400.
 26. Vidya TNC. 2011. The evolution of the Asian elephant. *Sanctuary Asia* April 2011: 50-53.
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27. Vidya TNC. 2009. Review of *Dolphin Mysteries: Unlocking the Secrets of Communication*, by Kathleen M. Dudzinski and Toni Frohoff. *Current Science* 96: 1268-1269.

Selected talks/presentations:

- Vidya TNC. *Basic Research and Conservation Biology: Experiences from Work on the Asian Elephant*. Keynote address at the National Seminar on Wildlife Biology organised by St. Joseph's College (Autonomous), March 12, 2020, St. Joseph's College, Bengaluru, India.
- Vidya TNC. *Socioecology of Female Asian Elephants*. Talk at ISEB2: Indo-Swiss Meeting on Evolutionary Biology, First International Conference of the Indian Society of Evolutionary Biologists (ISEB), December 12-14, 2019, Centre for Human Genetics, Bengaluru, India.
- Vidya TNC. *Fission-Fusion Sociality in Female Asian Elephants*. Talk at ISEB1: Celebrating Ecology and Evolution in India, First Conference of the Indian Society of Evolutionary Biologists (ISEB), October 24-25, 2019, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India.
- Vidya TNC. *Female Asian Elephant Social Organisation*. Invited talk at the Understanding Behaviour Conference, IISER-Kolkata, January 11-13, 2019, Mohanpur, India.
- Vidya TNC. *Asian Elephant Socioecology*. Keynote lecture at the Winter Research Seminar, IISER-Mohali, December 8, 2018, Mohali, India.
- Vidya TNC. *Asian Elephant Social Organisation*. Invited speaker at the Indo-Swiss Primer in Ecology and Evolution, September 18-20, 2018, University of Zurich, Zurich, Switzerland.
- Vidya TNC. *Social Organisation and Behaviour: Elephants and Academia*. Invited talk at the Young Investigator Meeting, March 5-8, 2018, Kovalam, India.
- Vidya TNC. *Sociality in Asian Elephants*. Prof. C.N.R. Rao Oration Award Lecture, August 14, 2017, JNCASR, Bengaluru, India.
- Vidya TNC. *Inclusive Fitness*. Invited talk at the Foundations of Biology discussion meeting supported by the Indian Academy of Sciences, February 23-25, 2017, Coorg, India.
- Vidya TNC. Invited discussion as a SynTalkr for #TDOG (*The Decisions of Groups*), SynTalk, November 5, 2016, Mumbai, India.
- Vidya TNC. *Female Social Organization in the Asian Elephant in Southern India*. Invited talk at the National Conference on Ethology and Evolution, and 39th Annual Meeting of the Ethological Society of India, held at the Indian Institute of Science Education and Research (IISER) Mohali, October 30-November 1, 2015, Mohali, India.
- Vidya TNC. *Evolutionary History and Population Genetic Structure of Asian Elephants in India*. Invited talk at the Symposium on the Indian Heritage: A Genomic View held by the Indian National Science Academy, October 8-9, 2015, Hyderabad, India.

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- Vidya TNC. *Phylogeography*. Invited talk at the Foundations of Biology meeting held at the Indian Institute of Science Education and Research (IISER) Pune, April 11-13, 2015, Pune, India.
 - Vidya TNC. *Asian elephant social organization in southern India*. Plenary talk at the SCCS-Bangalore meeting, September 28, 2013, Bangalore, India.
 - Vidya TNC. *Social organization of Asian elephants in southern India*. Invited poster presentation at the Indo-American Frontiers of Science Symposium held by the Indo-US Science and Technology Forum, April 7-10, 2013, Agra, India.
 - Vidya TNC. *Historical movement patterns in Asian elephants*. Invited talk at the Conservation of Biodiversity meeting held by the National Centre for Science Communicators, November 20-21, 2010, Bangalore, India.
 - Vidya TNC. *Biogeography of large mammals in the Western Ghats, southern India*. Invited poster at the Young Investigator Meeting, February 8-11, 2010, Kolkata, India.
 - Vidya TNC. *Biogeography of large mammals*. Invited talk at the International Meeting on Molecular Evolution, November 29-December 2, 2009, Coorg, India.
 - Vidya TNC. *Biogeography and evolutionary history of large mammals*. Invited talk at the International Conference on Darwinism – A Sesqui-Centennial Celebration, September 14-17, 2009, Dharwad, India.

Teaching:

Graduate courses taught at JNCASR

- Animal Behaviour (3:0) (JE 206), taught from Aug-Dec 2009-2012, 2014-2015, and Jan-Apr 2014.
- Behavioural Ecology (3:0) (JE 206), taught during Aug-Dec 2016-2019.
- Advanced Course in Molecular Ecology and Animal Behaviour (3:0) (JE 303), taught from Aug-Dec 2010-2011, 2014-2015, 2017-2020, and Jan-Apr 2013-2014.
- Introduction to the Evolution and Diversity of Life Forms (1:0) (JE 212), taught jointly with Prof. Amitabh Joshi, May-July 2014, Aug-Dec 2014, Jan-Aug 2020.
- Introduction to Statistical Hypothesis Testing (3:0) (JE 213), taught jointly with Prof. Amitabh Joshi, Aug-Dec 2016-2019.
- Laboratory Course on Animal Behaviour and Sociogenetics (1:3) (JE 210), taught from Aug-Dec 2010-2012, 2014-2015, Jan-April 2011-2015, 2019.
- Laboratory course on Molecular Ecology (1:3) (JE 215), ongoing.

Other teaching

Graduate level

- Instructor at the interdisciplinary Mathematical Biology Program conducted by JNCASR and the National Network for Mathematical and Computational Biology (NNMCB), held at JNCASR from September 7-11, 2015.

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- Instructor at the School and Discussion Meeting on Population Genetics and Evolution organized by the International Centre for Theoretical Sciences (ICTS) and held at the Indian Institute of Science from 15-24 February 2014.
 - Guest lecturer in Basic Statistics at the Manipal Institute of Regenerative Medicine, Bangalore, October 2008.

Undergraduate level

- Instructor at the Winter School on Foundations of Ecology and Evolution (for undergraduate students) held at the Indian Institute of Science Education and Research (IISER) Mohali from December 12-24, 2016.
- Instructor at the Winter School on Foundations of Ecology and Evolution (for undergraduate students) held at the Indian Institute of Science Education and Research (IISER) Pune from December 15-28, 2014.
- Undergraduate teaching in the Project-Oriented Biological Education (POBE) programme at JNCASR during 2009, 2011-2017.

Selected outreach:

- *Exploring research in biology*, lecture for school children as part of the Chetana Winter School, CNR Rao Hall of Science, JNCASR, Bengaluru, October 23, 2018.
- *Evolutionary and organismal biology*, lecture for college students, JNCASR, Bengaluru, December 2017.
- *Elephant societies*, public talk organized by Friends of Elephants, at Rangoli Metro Art Centre, Bangalore, July 26, 2015.
- *Elephant social behaviour*, Science Day talk for school children organized by the Karnataka State Council for Science and Technology (KSCST), at J.N. Tata Auditorium, Indian Institute of Science, Bengaluru, February 2015.
- *Answering questions in Animal Behaviour*, lecture for school children during the National Science Day celebrations, JNCASR, Bengaluru, February 2014.
- *Large mammal biogeography and behaviour*, EOBU outreach lectures to students at the Zoology Department and Genetics Department, Delhi University, Hindu College, and Venkateshwara College, Delhi, October 19-21, 2010.
- *Sociality in Animals*, part of a lecture programme “Biology for Students and Teachers” organized under Science Outreach Programs, CNR Rao Hall of Science, and Education Technology Unit, JNCASR, Bengaluru, October 2010.
- *Behaviour in Social Animals*, lecture for school children during the National Science Day celebrations, JNCASR, Bengaluru, February 2010.

Editorial and reviewing responsibilities:

- Guest editor of an issue of *Resonance* featuring Nikolaas Tinbergen, August 2018.
- Guest editor (along with Prof. Pratibha Jolly) of a special issue of *Resonance*, March 2018.

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- Guest editor (along with Prof. L. Shashidhara) of a special issue of the *Journal of Genetics, Contemporary Issues in Evolutionary Biology*, July 2017.
 - Handling Editor, *Frontiers in Zoology*, January 2017 – present.
 - Associate Editor, *Resonance*, January 2017 – present.
 - Member of a planning committee for a proposed new journal to promote dialogue between scientists, policy makers, and society, set up by the Indian Academy of Sciences, Bengaluru, 2017.
 - Associate Editor, *Journal of Genetics*, January 2015 – December 2020.
 - Member of the Editorial Board of the *Journal of Genetics*, July 2009 – December 2014.
 - Handling Editor, IUCN-SSC's *Gajah*, June 2015 – present.
 - *Ad hoc* reviewer for the journals Behavioral Ecology, Biological Conservation, Conservation Genetics, Conservation Genetics Resources, Current Science, Durban Museum Novitates, Diversity and Distributions, European Journal of Wildlife Research, Functional Ecology, Hystrix (Italian Journal of Mammalogy), Indian Journal of Biotechnology, Integrative Zoology, Journal of Biosciences, Journal of Ecology and the Natural Environment, Journal of Genetics, Journal of Theoretical Biology, Molecular Ecology, Molecular Ecology Resources, PeerJ, PloS One, Proceedings of the National Academy of Sciences, USA, Proceedings of the Royal Society – B, South African Journal of Wildlife Research, The Environmentalist.
 - *Ad hoc* reviewer for the funding bodies CEPF-ATREE (India), DST (Government of India), National Geographic Society (USA), Netherlands Organisation for Scientific Research (NWO Earth and Life Sciences).