

CV of DR. VISWA VENKAT GANTAIT

Name : DR. VISWA VENKAT GANTAIT
Designation : Assistant Zoologist
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E-mail : v.gantait@rediffmail.com
Date of Birth : 6th November, 1966
Place of Birth : Sabang, Paschim Medinipur, West Bengal, India
Father's Name : Sri Sudhansu Sekhar Gantait
Nationality : Indian
Marital Status : Married
Academic Qualifications : M. Sc. (Zoology), B. Ed., Ph. D. (Zoology)

Total Research experience : More than 25 years

Field of research work : Taxonomy and Ecology of soil and plant parasitic nematodes;
Taxonomy of arthropod parasitic nematodes.

Administrative skills:

- Acted as Drawing and Disbursing Officer of ZSI for about 8 months (w.e.f. 12-2-2014 to 24-9-2014).
- Acting as Budget Controlling Officer of ZSI from 13-11-2014 to till date.

Academic qualifications :

Exams passed	Name of the Board/ University	Year of passing	Subjects	Division/ Class	Percentage of marks obtained
Secondary (Madhyamik)	W. B. Board of Secondary Education	1981	Bengali, English, Physical Science, Biology, Mathematics, History, Geography	First Div.	61.7
Higher Secondary	W. B. Council of H. S. Education	1984	Bengali, English, Physics, Chemistry, Biology, Mathematics	First Div.	63.3
B. Sc. HONOURS	Calcutta University	1987	Zoology (Honours), Botany (Pass), Physiology (Pass), Bengali (Additional)	Second Class	51.5
B. Ed.	Calcutta University	1988	Education, Mathematics, Life Science, Mental Education	First Class	60.4
M. Sc.	H. N. B. Garhwal University	1995	Zoology	First Class First (in Tehri Campus)	64.5
Ph. D.	Vidyasagar University	2010	Zoology	-	-

Research papers

(Please see the Annexure-A)

Published: 53 (16 Foreign ; 36 National)

Accepted for publication: 04 (3 National ; 1 Foreign)

Books/Book Chapters

(Please see the Annexure-B)

Books: 03

Book Chapters: 13

Research Projects

Project completed (as Co-PI):

1. Survey, exploration and studies on faunal resources of India; State Fauna, Andhra Pradesh (Other than Coastal districts) (April 2000 – March 2004) - ‘Nematodes of Arthropods’.
2. Survey, exploration and studies on faunal resources of India; State Fauna, Uttar Pradesh (April 2005 – March 2010) - ‘Tylenchida (Plant-Parasitic Nematodes)’.
3. Survey, exploration and studies on faunal resources of India; State Fauna, Uttar Pradesh (April 2005 – March 2010) - ‘Nematodes of Arthropods’.
4. Survey, exploration and studies on faunal resources of India; State Fauna, Himachal Pradesh (April 2009 – March 2012) - ‘Tylenchida (Plant-Parasitic Nematodes)’.
5. Survey, exploration and studies on faunal resources of India; State Fauna, Himachal Pradesh (April 2009 – March 2012) - ‘Nematodes of Arthropods’.

Project completed (as PI):

1. Survey, exploration and studies on faunal resources of India; State Fauna, Maharashtra (April 2012 – March 2015) - ‘Tylenchida (Plant-Parasitic Nematodes)’.
2. Survey, exploration and studies on faunal resources of India; State Fauna, Maharashtra (April 2012 – March 2015) - ‘Nematodes of Arthropods’.

Ongoing projects (as Co-PI):

1. Faunal diversity of moss-inhabiting invertebrates in East Antarctica.
2. Faunal diversity of nematodes in Satkoshia and Baisipally Wild Life Sanctuary, Orissa.
3. Faunal diversity of nematodes in Chilka Lagoon, Orissa.

Training course/Conference/Seminar/Symposium/Workshop attended

Training course : 08

Conference/Seminar/Symposium : 46 (19 International, 27 National)

***Attended as an Invited Speaker and delivered Lead Talks in 18 National and 8 International Seminars.**

Workshop : 12

Faunistic surveys attended

Attended **38 faunistic surveys** in the states of Tripura, Andhra Pradesh, Uttarakhand, Uttar Pradesh, Himachal Pradesh, Maharashtra and Orissa.

Life member : In 05 reputed National Societies ('Zoological Society', Kolkata; 'Indian Science News Association', Kolkata; 'Social, Environmental and Biological Association', Kolkata; 'Nematological Society of India', IARI, New Delhi; 'National Academy of Biological Sciences', Chennai).

Presently **the Secretary** of 'Social, Environmental and Biological Association' (SEBA) Kolkata.

- ** Acted as an External Examiner** for evaluation of dissertation and conducting the Viva-voce Examination of M.Sc. (Ag.) degree at Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, W.B. in June, 2016 & 2017.
- ** Evaluate 16 Scientific papers** for 16 reputed journals (07 Foreign, 09 National)
- ** Participated in the Tiger Census Programme** of W.B. Govt. in Sunderban Tiger Reserve Forest in April, 2010.
- ** Participated in the 32nd Indian Scientific Expedition to Antarctica, 2012-13.**
- ** Delivered 62 Lectures on Reminiscence of Antarctica Expedition, 2012-13** in different Schools, Colleges and Universities of West Bengal, Himachal Pradesh and Maharashtra.
- ** Made a Documentary Film on Reminiscence of Antarctica Expedition, 2012-13** (duration 45 minutes).

Annexure - A

Research papers

Published:

1. Chatterjee, A., Sen, D. & Gantait, V.V. (2001). Innovation of high-efficient light-trap useful for controlling agricultural pests. *Entomon*, **26** (Spl. Issue): 110-112.
2. Gantait, V.V. & Chatterjee, A. (2005). A new nematode species of the genus *Johnstonia* Basir, 1956 from millipede (*Spiroboles* sp.) at Murarichak, West Bengal. *Indian Journal of Helminthology (New Series)*, **23**: 35-40.
3. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2006). Two new species of Dorylaimids (Nematoda: Dorylaimida) associated with banana from India. *Nematologia Mediterranea*, **34**: 129-134.
4. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2006). Fluctuation of nematode population associated with banana plantation in Medinipur district, West Bengal, India. *Indian Journal of Nematology*, **36** (2): 223-225.
5. Gantait, V.V. & Chatterjee, A. (2006). Nematode parasites of insects of Andhra Pradesh, India. *Journal of Environment & Sociobiology*, **3** (2): 125-130.
6. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2007). A new species of the genus *Mesodorylaimus* (Nematoda: Dorylaimida) associated with banana from India. *Proceedings of Zoological Society, Calcutta*, **60** (1): 27-30.
7. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2007). Two new species of plant parasitic nematodes associated with banana plantations from West Bengal, India. *Journal of Environment and Sociobiology*, **4** (2): 139-147.
8. Gantait, V.V. & Chatterjee, A. (2008). First report of five oxyuroid nematodes of cockroach (*Periplaneta americana* L.) from Andhra Pradesh, India. *Records of Zoological Survey of India*, **108** (Part-1): 33-40.
9. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2009). A new species of the genus *Discolaimus* Cobb, 1913 (Qudsianematidae: Dorylaimida) from west Bengal, India with revised key to species of the genus. *Proceedings of Zoological Society*, **62** (1): 67-73.
10. Gantait, V.V., Chatterjee, A., Sanyal, A.K. & Bhattacharya, T. (2009). Studies on soil and plant parasitic nematodes associated with banana in West Midnapur, West Bengal, India. *Proceedings of Zoological Society*, **62** (2): 143-146.

11. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2009). *Dorylaimus neominimus* sp. n. (Nematoda: Dorylaimida) from West Bengal, India. *International Journal of Nematology*, **19** (2): 173-176.
12. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2010). A new species of the genus *Lagenonema* Andr assy, 1987 (Nematoda: Dorylaimidae) from West Bengal, India. *Opuscula Zoologica Budapestiensis*, **41** (1): 77-81.
13. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2010). Community analysis of soil and plant parasitic nematodes in a banana plantation of West Bengal, India. *International Journal of Nematology*, **20** (1): 119-124.
14. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2010). One new and three known species of the genus *Helicotylenchus* Steiner, 1945 associated with banana from West Bengal, India. *Records of Zoological Survey of India*, **110** (Part-3): 7-12.
15. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2010). Fluctuation of dorylaimid population in a banana plantation of West Bengal, India. *Indian Journal of Nematology*, **40** (2): 184-188.
16. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Description of *Makatinus siddiqii*, new species (Dorylaimida: Aporcelaimidae: Aporcelaiminae) from Paschim Medinipur, West Bengal, India with key to its world species. *Pakistan Journal of Zoology*, **43** (1): 171-174.
17. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Description of *Varotylus jairajpurii*, new species (Tylenchida: Hoplolaimidae: Hoplolaiminae) from Paschim Medinipur, West Bengal, India with key to its world species. *Pakistan Journal of Zoology*, **43** (4): 1-4.
18. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Description of *Laimydorus minutus* sp. n. (Nematoda: Dorylaimidae) from India with revised key to species. *Fragmenta Faunistica*, **54** (1): 1-9.
19. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Trophic groups of nematodes associated with banana in Paschim Medinipur district of West Bengal, India. *Tropical Ecology*, **52** (3): 331-335.

20. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Studies on feeding guilds of nematodes in a banana plantation of West Bengal, India. *Indian Journal of Nematology*, **47** (1): 79-82.
21. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Temporal variation in abundance of nematodes in a banana plantation of West Bengal, India. *Nematologia Mediterranea*, **39**: 9-15.
22. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2011). Population dynamics of plant parasitic nematodes in a banana plantation of West Bengal, India. *Annals of Forestry*, **19** (1): 157-168.
23. Gantait, V.V. & Sanyal, A. K. (2011). Food and feeding mechanism of nematode. *Annals of Forestry*, **19** (2): 310-314.
24. Mondal, S., Manna, B. & Gantait, V.V. (2012). *Labronema neodiversum* sp. n., a new dorylaimid nematode species from West Bengal, India. *Nematologia Mediterranea*, **40**: 61-65.
25. Sen, D., Gantait, V.V. & Sanyal, A. K. (2012). Free living nematodes (Orders Dorylaimida and Tylenchida) of West Bengal, India. *Records of Zoological Survey of India*, **112** (Part-1): 21-31.
26. Gantait, V.V. & Sanyal, A. K. (2012). Studies on the genus *Lagenonema* Andr assy, 1987 (Nematoda: Thorneinematidae). *Records of Zoological Survey of India*, **112** (Part-3): 19-24.
27. Gantait, V. V. & Sen, D. (2012). Occurrence and distribution of Dorylaimid and tylenchid nematodes of Andaman and Nicobar islands. *Advances in Life Sciences*, **1** (1): 85-87.
28. Gantait, V.V. & Bhattacharya, T. (2013). Community structure and population fluctuation of soil and plant parasitic nematodes in a banana plantation of West Bengal. *The Ecoscan*: 179-189.
29. Gantait, V.V., Chatterjee, A & Bhattacharya, T. (2013). Dorylaimid and Tylenchid nematodes associated with banana plantations in Paschim Medinipur district, West Bengal. *Journal of the Bombay Natural History Society*, **110** (3): 197-203.
30. Datta Roy, P., Roy S. & Gantait, V.V. (2014). Description of *Laimydorus shamimi*, New Species (Dorylaimida: Dorylaimidae: Laimydorinae) from North 24 Parganas, West Bengal, India with Key to its World Species. *Pakistan Journal of Zoology*, **46** (2): 1-6.

31. Datta Roy, P., Roy, S., Gantait, V.V. & Manna, B. (2014). Three new and four known species of the genus *Aporcelaimellus* Heyns, 1965 (Nematoda: Dorylaimida) from West Bengal, India. *Records of Zoological Survey of India*, **112** (Part-3): 11-40.
32. Sen, D., Gantait, V.V. & Banerjee, S. (2014). Free living and plant parasitic soil nematodes (Orders: Dorylaimida & Tylenchida) of Himachal Pradesh, India. *Records of Zoological Survey of India*, **112** (Part-3): 379.
33. Gantait, V.V. (2014). Diversity of nematodes in Antarctica under changing climatic conditions. *Journal of Crop and Weed*, **10** (2): 359-364.
34. Mondal, S., Dattaray, P., Gupta, S.K., Manna, B. & Gantait, V.V. (2015). *Hemicriconemoides somniferi* n. sp. from *Withania somnifera* from the garden of Ramakrishna Mission Ashrama Narendrapur, West Bengal, India. *Global Journal for Research*, **4** (3): 16-18.
35. Datta Ray, P., Ray, S. & Gantait, V.V. (2015). Two new species of the genus *Mesodorylaimus* (Nematoda: Dorylaimida) from West Bengal, India. *Records of Zoological Survey of India*, **115** (Part-4): 335-342.
36. Datta Ray, P., Ray, S. & Gantait, V.V. (2015). Two new species of the genus *Labronema* Thorne, 1939 (Nematoda: Dorylaimida) from West Bengal, India. *Records of Zoological Survey of India*, **115** (Part-4): 343-350.
37. Gantait, V.V. (2015). Prithibi Garam Hachhe, Khati Ki? *Panchayet Raj* (Bengali). Ministry of Panchayet and Rural Development, West Bengal Government, **6**: 30-32.
38. Gantait, V.V. (2016). Kumerur Pakhi. *Man Pavan* (Bengali), Baimela Sankhya, **1** (2): 35-39.
39. Gantait, V.V. (2016). Kumeru: Kichhu Katha. *Alo Path* (Bengali), **2**: 4-7.
40. Gantait, V.V. (2016). Penguiner desha. *Bartaman (Sunday- Supplimentary page)* (Bengali) on 26th August 2016.
41. Haldar, K. & Gantait, V.V. (2016). Diversity and distribution of plant parasitic nematodes associated with medicinal plants in West Bengal, India. *Journal of Environment and Sociobiology*, **13** (1): 75-79.
42. Gantait, V.V. (2016). Antarctica: the southernmost continent of the planet earth. *Journal of Environment and Sociobiology*, **13** (1): 81-90.

43. Roy, P., Mondal, S., Chatterjee, S. & Gantait, V.V. (2016). A note on soil and plant parasitic nematodes associated with mulberry plants in India. *Journal of Environment and Sociobiology*, **13** (2): 233-243.
44. Gantait, V.V. & Chandra, K. (2016). Antarctica. *Environ*, **14** (3): 26-31.
45. Gantait, V. V. & Chandra, K. (2017). Faunal diversity in Antarctica: Contributions of Zoological Survey of India. *Proceedings of the Indian National Science Academy*, **83** (2): 353-361.
46. Roy, P., Chatterjee, S. and Gantait, V.V. (2017). Diversity and distribution of soil and plant parasitic nematodes associated with forest plants in India. In: *Abstracts of a National Seminar on 'Forest resources: Conservation issues and management'* on 7th September, 2017, organized by SEBA and WBBB at Jadavpur University, Kolkata; 10.
47. Haldar, K. and Gantait, V.V. (2017). Diversity of nematodes associated with Mangrove forests in India. In: *Abstracts of a National Seminar on 'Forest resources: Conservation issues and management'* on 7th September, 2017, organized by SEBA and WBBB at Jadavpur University, Kolkata; 8-9.
48. Dey, S. and Gantait, V.V. (2017). Effect of Mangrove derived secondary metabolites on nematode pests. In: *Abstracts of a National Seminar on 'Forest resources: Conservation issues and management'* on 7th September, 2017, organized by SEBA and WBBB at Jadavpur University, Kolkata; 28-29.
49. Roy, P., Chatterjee, S. and Gantait, V.V. (2017). Seasonal fluctuation of *Hirschmanniella gracilis* (De Man, 1818) Luc & Goodey, 1964 (Tylenchida: Nematoda) population associated with paddy in Purba Bardhan district of West Bengal, India. In: *Abstract Volume, 2nd Regional Science & Technology Congress, 2017, West Bengal (Western Region)*, The University of Burdwan and Dept. of Higher Education, Science & Technology, Govt. of West Bengal; p. 437.
50. Gantait, V.V. (2017). Diversity and distribution of soil and plant parasitic nematodes associated with banana in West Bengal. In: *Abstract Volume, 2nd Regional Science & Technology Congress, 2017, West Bengal (Southern Region)*, University of Kalyani and Dept. of Higher Education, Science & Technology, Govt. of West Bengal; p. 417.
51. Gantait, V.V. and Sen, D. (2017). A report on soil and plant parasitic nematodes (Orders: Dorylaimida and Tylenchida) of Maharashtra, India. *Journal of Environment and Sociobiology*, **14** (2): 241-254.

52. Dey, S. and Gantait, V.V. (2018). Description of *Caudotylenchus* n. gen. and *Caudotylenchus bengalensis* n. sp. (Nematoda: Telotylenchidae) from West Bengal, India with abnormal position of valva. In: *Abstract* of a National Seminar on ‘ Frontiers in Modern Biology (FIMB) 2018, organized by Department of Biological Sciences, Indian Institute of Science Education and Research, Kolkata on 19-21 January, 2018 at Indian Institute of Science Education and Research, Kolkata.
53. Gantait, V.V. (2017). Jader Aamra Harachhi. *Alo Path* (Bengali), **3**: 7-9.

Accepted for publication:

1. Gantait, V.V. and Sen, D. (2018). Soil and plant parasitic nematodes (Orders: Dorylaimida and Tylenchida). *Fauna of Maharashtra*, Zoological Survey of India.
2. Gantait, V.V. and Jasmine, P. (2018). Arthropod parasitic nematodes. *Fauna of Maharashtra*, Zoological Survey of India.
3. Roy, P., Chatterjee, S. and Gantait, V.V. (2018). Diversity and distribution of soil and plant parasitic nematodes associated with forest plants in India. In: *Journal of Environment and Sociobiology*, **15** (1).
4. Roy, P., Chatterjee, S. and Gantait, V.V. (2018). First report of the genus *amphibelondira* (nematoda: belondoroidae) from india with description of *amphibelondira wasimi* n. Sp. Associated with paddy. *International Journal of Nematology*.

Annexure - B

Books / Book Chapters

Books:

1. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2010). *Nematodes of Banana*. Lambert Academic Publishing Company, Germany; 300 pp.
2. Gantait, V.V. & Venkataraman, K. (2013). Catalogue of arthropod parasitic nematodes of India. Zoological Survey of India, Kolkata; Occasional Paper No. 345, 84 pp.
3. Gantait, V.V. & Venkataraman, K. (2016). ANTARCTICA: A Mysterious Continent. Zoological Survey of India, Kolkata; 122 pp.

Book Chapters:

1. Chatterjee, A. & Gantait, V.V. (2000). Plant parasitic nematodes (Tylenchida). In: *Fauna of Tripura, State Fauna Series, 7* (Part- 4) (Ed. Director, Zoological Survey of India, Kolkata), pp. 79-100.
2. Gantait, V.V. & Chatterjee, A. (2007). Parasitic nematodes of arthropods. In: *Fauna of Andhra Pradesh, State Fauna Series, 5* (Part- 4) (Ed. Director, Zoological Survey of India, Kolkata), pp. 81-123.
3. Gantait, V.V., Bhattacharya, T. & Chatterjee, A. (2008). A compendium and a revised key of the genus *Aporcelaimellus* Heyns, 1965 (Aporcelaimidae: Nematoda). In: *Zoological Research in Human Welfare* (Ed. Director, Zoological Survey of India, Kolkata), pp. 93-106.
4. Gantait, V.V. (2010). Nematode infestation in bamboos. In: *Nematode Infestations (Part II) Industrial Crops* (Eds. M. R. Khan and M. S. Jairajpuri). National Academy of Sciences, India, Allahabad, pp. 444 – 464 + plate-28.
5. Gantait, V.V. & Chatterjee, A. (2011). A check list of insect parasitic nematodes of India. In: *Advancements in Invertebrate Taxonomy and Biodiversity* (Ed. R. K. Gupta), Agro Bios (International), Jodhpur, pp. 81-91.
6. Narendran, T. C., Girish, Kumar, P. & Gantait, V.V. (2011). A revision of the Indian species of genus *Torymoides* Walker (Insecta: Hymenoptera: Chalcidoidea: Torymidae). In: *Advancements in Invertebrate Taxonomy and Biodiversity* (Ed. R. K. Gupta), Agro Bios (International), Jodhpur, pp. 289-300.

7. Gantait, V.V. & Sanyal, A. K. (2011). Nematoda: Dorylaimida. In: *Fauna of Tamil Nadu, State Fauna Series, 17* (Part- 2) (Ed. Director, Zoological Survey of India, Kolkata), pp. 73-76.
8. Gantait, V.V. (2015). Review on diversity and distribution of phytoparasitic nematodes of banana in West Bengal. In: *Animal Diversity, Natural History and Conservation* (Vol. 5). (Eds. V. K. Gupta and A. K. Verma), Daya Publishing House (Astral International Pvt. Ltd.), New Delhi, pp. 1-13.
9. Gantait, V.V. (2015). Effect of edaphic factors on population dynamics of soil and plant parasitic nematodes of banana in West Bengal, India. In: *Perspectives in Animal Ecology and Reproduction* (Vol. 10). (Eds. V. K. Gupta and A. K. Verma), Daya Publishing House (Astral International Pvt. Ltd.), New Delhi, pp. 13-28.
10. Sen, D., Chatterjee, A., Gantait, V.V. & Sanyal, A.K. (2015). Phytophagous nematodes (Order: Tylenchida). In: *Fauna of Uttar Pradesh, State Fauna Series, 22* (Part- 2) (Ed. Director, Zoological Survey of India, Kolkata), pp. 13-56.
11. Gantait, V.V. (2015). Parasitic nematodes of arthropods. In: *Fauna of Uttar Pradesh, State Fauna Series, 22* (Part- 2) (Ed. Director, Zoological Survey of India, Kolkata), pp. 125-138.
12. Gantait, V.V. (2015). Cape Town-a kayekdin (in Bengali). *Centenary Souvenir, 1916-2015*, (Ed. Director, Zoological Survey of India, Kolkata), pp. 131-134.
13. Gantait, V.V. (2017). Management strategies against tiny tigers for sustainable development of agriculture. In: *Biotechnology for Sustainability: Achievements, challenges and perspectives*. (Eds. S. Bhore, K. Marimuthu & M. Ravichandran), AIMST University, Malaysia, pp. 58-67.