



VIDYASAGAR COLLEGE
39 SANKAR GHOSH LANE
KOLKATA

Name Dr. Sagata Mondal

1	Name	SAGATA MONDAL
2	Designation	Assistant Professor
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4	Contact No	9433553754 / 8017095572
5	Date of Joining	02.12.2019
Academic qualifications		
6	Degree	Subject University Year
	Ph.D	Zoology University of Calcutta 2013
	M.Phil	N.A. N.A.
	M.sc	Zoology University of Calcutta 2006
	B.Sc	Zoology University of Calcutta 2004
PH.D. DETAILS		
7	Title of the Thesis	Studies on parasites of some mammals and birds in Alipore Zoological Garden, Kolkata, India
	Field of specialization under subject/ discipline	1.M.Sc. in Zoology with Entomology as Special paper 2.Ph.D. in Zoology with Field specialization: Parasitology 3.Post Doctoral Research with Field specialization: : Entomology /Nematology
8	PREVIOUS POSITIONS/Engagement	Previously engaged as full time Post Doctoral Fellow under the U.G.C. (New Delhi), of Post Doctoral Fellowship scheme for the year 2013-14 with PDF Topic: Nematodes and mites infesting medicinal plants in South Bengal with special reference to species diversity ,bio-ecology and management with botanical pesticides and pathogenic fungi
9	Google scholar page:	N.A.
10	ORCID ID	N.A.
11	HONOURS AND AWARDS	1.Awarded M.M. Chakraborty Memorial medal on 26th March, 2013 by the Zoological Society , Kolkata for scientific contributions on Protozoology/Parasitology 2. Post Doctoral Fellowship awarded by U.G.C. for the year 2013-14
12	CURRENT RESEARCH PROJECT/Field of Research	N.A.
13	TECHNICAL UNDERSTANDING AND EXPERIENCE	Completed the Basic 3 months Course from Lakhotia Computer Centre.
14	SUMMARY OF RESEARCH EXPERIENCE	Adequate research experience for total 14 yrs. (including Ph.D. research) in the field of basic Parasitology and also in basic applied Entomology and Nematology
15	EXPERIENCE OF PROJECT MANAGEMENT	N.A.
16	COMPLETE LIST OF PUBLICATIONS (Maintain Harvard Format)	List of published Articles/ Abstracts/Books/ Book Chapters: 1. Mondal ,S. and Manna, B. 2010. <i>Probstmayria bengalensis</i> n. sp. (Cosmocercoidea: Atractidae) in captive Indian One Horned

		Rhinoceros (<i>Rhinoceros unicornis</i>) from Alipore Zoological Garden , Calcutta, West Bengal, India” in Proceedings of Zoological Society (2010), 63 (2) : 129-134. 2. Mondal ,S. and Manna, B. 2012. On a new species of the genus <i>Cobboldina</i> (Nematoda: Atractidae) from Hippopotamus (<i>Hippopotamus amphibius</i> Linnaeus, 1758) captivated at the Alipore Zoological Garden, Kolkata, West Bengal, India. <i>Journal of Parasitic Diseases</i>. 36 (2):251-255. 3. Mondal ,S. and Manna, B. 2012. <i>Rhinoceronema unicornensis</i> gen. n., sp. n. (Cosmocercoidea: Atractidae) from Indian one horned Rhinoceros (<i>Rhinoceros unicornis</i> Linnaeus, 1758) captivated at the Alipore Zoological Garden, Kolkata, India. <i>Journal of Parasitic Diseases</i>. 37 (1):134-141. 4. Mondal, S., Manna, B. and Gantait, V. V., 2012. <i>Labronema neodiversum</i> sp. n., a new dorylaimid nematoda species from West Bengal, India. <i>Nematologia Mediterranea</i>, 40: 61-65. 5. Mondal ,S. and Manna, B. 2012. <i>Teratorhabditis giraffae</i> sp. n. (Nematoda : Rhabditida) from Alipore Zoological Garden ,Kolkata, West Bengal, India. <i>Flora and Fauna</i>, 18(1):109-115. 6. Mondal ,S. and Manna, B. 2013. Seasonal prevalence of gastrointestinal parasites of captive Manipur Brow-Antlered deer in Alipore Zoological Garden, Kolkata, West Bengal, India. <i>Geobios</i>,40(2-3):115-123. 7. Mondal ,S. and Manna, B., 2013. A new <i>Caenorhabditis</i> species (Nematoda : Rhabditida) found associated with mammalia host captivated at Alipore Zoological Garden, Kolkata, India. <i>North Bengal University Journal of Animal Science</i>,7:35-42. 8. Mondal ,S. and Manna, B., 2013. Description of two new species of <i>Caenorhabditis</i> (Osche, 1952) Dougherty, 1953 (Nematoda : Rhabditida) from Alipore Zoological Garden ,Kolkata, India. <i>Flora and Fauna</i>, 19(2):309-318. 9. Mondal ,S. and Manna, B. and Chaudhuri, S.K. 2013. GI parasites of some captive animals in the Alipore Zoo, Kolkata, India: Taxonomy and Ecology. LAMBERT Academic Publishing, 480pp. 10. Mondal ,S. and Manna, B. 2014. <i>Rhabditis suklai</i> sp. nov., <i>Rhabditis</i> (Nematoda : Rhabditida) from <i>Cervus unicolor</i> from Alipore Zoological Garden , West Bengal, India. <i>Flora and Fauna</i>, 20(2):313-319. 11. Mondal ,S. and Manna, B. 2015, 2014. <i>Indocephalobus zebrae</i> gen. n ., sp. n. (Nematoda : Cephalobina) from captive Zebra Grants (<i>Equus burchelli</i>) of Alipore Zoological Garden, Kolkata, India. <i>Science and Culture</i>, (7–8): 232-236 . 12. Mondal, S., Das, P. and Manna, B., 2014. A new species of <i>Mesodorylaimus</i> Andrassy, 1959 from Shillong, Meghalaya, India. <i>International Journal of Information and Computing Science</i>, 17 (1–2):5-11. 13. Mondal, Sagata and Gupta, S . K ., 2014. Some records of nematodes associated with medicinal plants cultivated at medicinal plant garden of Narendrapur, South 24 parganas, West Bengal .In: Biodiversity and Livelyhood) <i>Proceeding of National Conference on Biodiversity-Issues</i>. 169-172,2014.
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		14. Mondal ,S. and Manna, B. 2015. <i>Caenorhabditis chinkari</i> sp. n. (Nematoda :Rhabditida) from Alipore Zoological Garden,Kolkata, West Bengal, India. <i>Proceedings of the Zoological Society of Calcutta</i>. 68 (1): 52-57. 15. Mondal ,S. and Manna, B. 2015. <i>Hippopotamenema aliporensis</i> gen. n. sp. n. (Nematoda :Atractidae) from <i>Hippopotamus</i> (<i>Hippopotamus amphibious</i> Linnaeus, 1758) Captivated at the Alipore Zoological Garden, Kolkata, West Bengal, India. <i>Science and Culture</i> , 81 (1–2): 44-47. 16 . Mondal, S., Dattaray, P., Gupta, S.K. and Gantait, V.V.2015· <i>Hemicriconemoides serpentinae</i> sp. nov. from <i>Rauwolfia serpentina</i> from the garden of Ramakrishna Mission Ashrama Narendrapur, West Bengal, India. <i>Global Journal for Research Analysis</i>, 4(8): 165-167. 17. Sagata Mondal and S.K. Gupta, 2015. First report of nematodes associated with <i>stevia rebaudiana</i> Bertoni ----- a wonder plant of multifarious medicinal uses, from West Bengal, India. <i>International Journal of Scientific Research</i> , 4(9): 181-182. 18. Mondal, S. and Gupta, S . K ., 2016. Some Records of Mites on Medicinal Plants from South Bengal with their Economic Importance. <i>Biological Forum – An International Journal</i> , 8(2):1-4. 19. Mondal, S. and Gupta, S.K, 2016. Some Important Predatory Mites on Medical Plants from Coastal Bengal with Note on Their Potentiality in Biocontrol. Abstract, The 1st International Workshop of IOBC-APRS -Predatory Mites as Biological Control Agents Working Group, 31p. 20. Mondal, S. and Gupta, S . K .,2017. Life cycle of a plant parasitic mite , <i>Tetranychus sayedi</i> Baker & Pitchard (Acari: Tetranychidae) on two hosts from West Bengal, India. <i>Journal of Parasitic Diseases</i>, 41(3):862-868. 21. Mondal, S. and Gupta, S.K, 2018. Study on nematodes associated with medicinal plants of Coastal Bengal,India. Abstract, Intzoocon-International Conference celebrating 100 yrs. Of Zoology by Dept. of Zoology, University of Calcutta in Collaboration with The Zoological Society, Kolkata, 69p. 22. Gupta, S . K .and Mondal, S.,2018. Study on nematodes associated with medicinal plants in west Bengal. <i>Journal of Entomology and Zoology Studies</i>, 6(3): 409-419. 23. Gupta, S.K. and Mondal ,S. 2018. New additions to the Mite fauna Associated with Medicinal Plants in South Bengal. <i>Bionotes</i>, 20(4):132. 24. Gupta, S.K. and Mondal ,S. 2018. Population fluctuation of phytophgous mite, <i>Brevipalpus californicus</i> (Acari:Tenupalpidae) and predatory mite, <i>Paraphytoseius orientalis</i> (Acari: Phytoseiidae) infesting holy basil, <i>Ocimum basilicum</i> (Lamiaceae) at Narendrapur, Kolkata (West Bengal). <i>Bionotes</i>, 20(4):124-125. 25. Mondal ,S. and Manna, B. 2019. Gastrointestinal parasites of some captive birds in Alipore Zoological Garden, India. <i>Journal of Entomology and Zoology Studies</i>, 7(6): 627-631.
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		26. Mondal, S. and Gupta, S . K ., 2021. A note on predatory mites on medicinal plants in South Bengal with results on their predator-prey interaction. <i>Journal of Entomology and Zoology Studies</i>, 9(4): 292-296. 27. Bal, S., Mondal, S. and Kundu , G. 2022. Biodiversity and population density of fruit flies (<i>Bactrocera</i> sp.) at Kanke, Ranchi (Jharkhand). <i>Journal of Entomology and Zoology Studies</i> , 10(2): 101-106. 28. Dubey, D., Mondal, S. and Gupta, S.K, 2022. A preliminary laboratory study on bio-efficacy of some essential oils vis-a-vis chemical pesticides and botanical on <i>Petrobia harti</i> (Ewing) (Acari: Tetranychidae), a serious pest of a weed, <i>Oxalis corniculata</i> in (Family: Oxalidaceae) crop field. <i>The Pharma Innovation Journal</i> , 11(6): 526-528. 29. Chakraborty, S. and Mondal, S. ,2022. A preliminary survey on litter insect's diversity through pitfall trap in different ecosystems of south 24 Parganas district, West Bengal, India. <i>Journal of Entomology and Zoology Studies</i> ,10(3): 28-33. 30. Mallik, S., Mondal, S. and Debnath, N., 2022. Study on the butterfly diversity in Chittaranjan town, Bardhaman district, West Bengal . <i>The Pharma Innovation Journal</i> , 11(6): 2892-2899. 31. Dutta, A., Mondal, S. and Gupta, S.K., 2022. Some mites occurring on edible and wild mushrooms from three districts of West Bengal with their economic importance. <i>Paripex- Indian Journal of Research</i>, 11(8): 1-2. 32. Manna, D., Mondal, S. and Gupta, S.K. (2022). Some mites and insects occurring on leafy ornamentals and floricultural plants from Howrah and Purba Medinipur districts of West Bengal, with their economic importance. <i>Journal of Entomology and Zoology Studies</i>, 10(4): 45-51. 33. Dutta, A. and Mondal, S. ,2022. Study on the diversity of Insects occurring on wild mushrooms in selected districts of West Bengal. <i>International Journal of Entomology Research</i>, 7(9): 46-55. U.G.C. 34. Khatun, R. and Mondal, S., 2022. Study on the insect pollinators associated with mustard crop cultivated in Chakberia town of South 24 Parganas District, West Bengal, India. <i>International Journal of Current Research and Academic Review</i>, 10(08): 21-37. 35. Dubey, D., Mondal, S. and Gupta, S.K. (2022). Mites and insects occurring on some weeds in the cropfields of Narendrapur campus of Ramakrishna Mission, West Bengal. <i>Bionotes</i>. Vol.24 (1&2), 191-18. 36. Maity, S. and Mondal, S. (2022). Study on the diversity of insect pests of some fruit trees in south 24 parganas, West Bengal, India with their economic importance . <i>International Journal of Entomology Research</i>,7(10):38-41. 37. Mandal, C. and Mondal, S. (2022). Study on the diversity of insects fauna associated with mangrove plants in three selected localities of sundarban biosphere reserve, West Bengal, India. <i>International Journal of Entomology Research</i>,7(10): 102-105 .
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		38. Ghosal, G., Mondal, S. and Gupta, S.K. 2022. Some mites and insects occurring on medicinal plants from medicinal plant gardens located in and around Kalyani, West Bengal. South Asian Journal of Agricultural Sciences, 2(2): 36-40. 39. Manna, P., Mondal, S. and Gupta, S.K. 2022. On a collection of mites and insects occurring on some vegetable crops cultivated in Narendrapur campus Ramakrishna Mission, West Bengal, India. South Asian Journal of Agricultural Sciences, 2(2): 48-51. 40. Mondal, S. 2022. Efficacy of leaf extracts of <i>Lantana camara</i> L. on rice weevil <i>Sitophilus oryzae</i> L. in the stored rice grains. Abstract, Zoospectra, Two Day International Conference 5th -6th Dec, 2022, Department of Zoology, University of Calcutta, 134p. 41. Mondal, S. and Dutta, A.K., 2022. Study on the behavioral patterns of the captive <i>Cervus muntjac</i> (Zimmerman, 1780) at Zoological Garden, Alipore, Kolkata. Abstract, Zoospectra, Two Day International Conference 5th -6th Dec, 2022, Department of Zoology, University of Calcutta, 126p. 42. Mondal, S., Das, M., Manna, P. and Karmakar, A. 2022. Diurnal activity pattern and time budget analysis of captive <i>Axis axis</i> (Erxleben, 1777) at zoological garden, Alipore, Kolkata. Abstract, Zoospectra, Two Day International Conference 5th -6th Dec, 2022, Department of Zoology, University of Calcutta, 133p. 43. Maity, S. and Mondal, S., 2022. Diversity of mite fauna associated with some fruit trees in Paschim Medinipur district of West Bengal, India with their economic importance. Abstract, Zoospectra, Two Day International Conference 5th -6th Dec, 2022, Department of Zoology, University of Calcutta, 137p. 44. Mondal, S. and Ghosal, G., 2022. Studies on nematodes associated with some leafy ornamentals and floricultural plants cultivated at Narendrapur Campus of Ramakrishna Mission Ashrama, South 24 Parganas, West Bengal, India. Abstract, Zoospectra, Two Day International Conference 5th -6th Dec, 2022, Department of Zoology, University of Calcutta, 154p. 45. Sultana, A., Mondal, S. and Salil K Gupta .2023. On a collection of (Insects, Acari) some insects and mites from medicinal plants of Ramakrishna mission, Narendrapur (India: West Bengal, Dist south 24 Paraganas). Acta Entomol Zool, 2023;4(1):10-14.. 46. Maity, S. and Mondal, S. 2023. Diversity of mite fauna associated with some fruit trees in Paschim Medinipur district of West Bengal, India with their economic importance. Acta Entomology and Zoology, 4(1): 44-47. 47. Khatun, R. and Mondal, S., 2023. Diversity of insect pests and their natural enemies associated with rabi crops in south 24 Parganas district, West Bengal, India. International Journal of Entomology Research, 8(3) 2023: 73-77. 48. Manna, P. and Mondal, S. 2023. Diversity of weed associated insects in vegetable and paddy fields of Narendrapur campus of Ramakrishna Mission, West Bengal, India. International Journal of Entomology Research, 8(3) 2023: 65-69. 49. Mondal, A. and Mondal, S. 2023. A review on: the ant foraging and communication. Research Journal of Life Sciences,
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		Bioinformatics, Pharmaceutical and Chemical Sciences , 9(2) : 30-67. 50. Mondal, S. and Dutta, A.K. 2023. A behavioural study of the captive <i>Muntiacus muntjak</i> (Zimmerman, 1780) at Zoological Garden, Alipore, Kolkata. <i>Indian J. Applied & Pure Bio.</i>, 38(2), 513-526. 51. Mondal, S. Dutta, A.K. Maity, S. Ghosal, G. and Sultana, A.,2023. A report on the flora and fauna of selected areas of Kendujhar district, Odisha, India. <i>International Journal of Zoology Studies</i>, 8: (3) 61-69. 52. Mondal, S. Dutta, A.K., Manna, P., Sultana, A. and Reza Md. R. 2023. Study on the abundance and diversity of ground dwelling insects using Pitfall trap in two different ecosystems of Kendujhar District, Odisha, India. <i>Indian J. Applied & Pure Bio.</i>, 38(3), 1133-1143. 53. Mondal, S. Dutta, A.K., Manna, P., and Ghosal, G. 2023. A Preliminary Report on the Diversity of Butterflies (Insecta: Lepidoptera) in and Around the Forest Areas of Jateswar Mandir, Barbil, Odisha, India. <i>International Journal of Zoological Investigations</i>, 9(1):889-900. 54. Gunin, S. and Mondal, S. 2023. Study on the Diversity, Foraging Behaviour of the Insect Visitors of Marigold (<i>Tagetes erecta</i> L.) and Their Role in Pollination in Tentulia Village in Swarupnagar Block of North 24 Parganas District, West Bengal. <i>International Journal of Zoological Investigations</i>, 9(2):661-670. 55. Mondal, S., Ghosh, S., Maity, S., Ghosal, G. and Sultana, A. 2023. Comparative study on larvicidal potentials of three medicinal plants on larvae of <i>Culex quinquefasciatus</i> Say, 1823 mosquitoes. <i>International Journal of Mosquito Research</i>, 10(4):54-61. 56. Sharma, P., Reza, Md. R. and Mondal, S. 2023 .Parental Care in Insects, Arachnids and Ticks: Evolutionary Significance and Ecological Impact, In ,Applied Entomology and Zoology ,Edited by Dr. B.S. Chandel, Vol. 13: 35-45. 57. Manna P. and Mondal S. 2023. Role of Insect in Forensic Science. In :Advanced Forensic Biotechnology, Edited by Dr. Ashish Kumar , Vol. 2: 99-123. 58. Biswas P. and Mondal S. 2024. Study on larvicidal efficacy of some ornamental fishes under laboratory conditions in Kolkata, West Bengal, India. Abstract, National Symposium on Vector Biology & Control with innovative approaches in prevention & Control of Dengue ,12th Dec,2023, IQAC and Department of Zoology, Surendranath College in Collaboration with Absolute Human Care Foundation,, 4p. 59. Sultana, A. , Roy, AS. Chakraborty, S and Mondal , S. 2023. Larvicidal potency of some selected common medicinal plant extracts on <i>Culex</i> spp. Larvae (Diptera: Culicidae). Abstract, National Symposium on Vector Biology & Control with innovative approaches in prevention & Control of Dengue ,12th Dec,2023, IQAC and Department of Zoology, Surendranath College in Collaboration with Absolute Human Care Foundation,, 7p. 60. Jamal A., and Mondal S. 2023. Study on the larvicidal activities of three Essential oils against <i>Aedes aegypti</i> (L.) Larvae (Diptera: Culicidae). Abstract, National Symposium on Vector Biology &
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17	Extracurricular Activities	N.A.

18	Link to personal website (if any)	N.A.
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