

CURRICULUM VITAE



- 1. Name** : **DR. ACHINTYA KUMAR SAMANTA**
- 2. Father's Name** : Sri Nityananda Samanta
- 3. Mother's Name** : Smt. Lakshmi Samanta
- 4. Designation** : **Associate Professor** [Stage-IV], Department of Botany,
Ramnagar College
- 5. Nationality** : Indian
- 6. Religion** : Hinduism
- 6. Date of Birth** : October 08, 1968.
- 7. Official address** : Department of Botany, Ramnagar College, Depal-721 453,
Purba Medinipur, West Bengal, India,
Phone & Fax: 03220-264241
- 8. Address for Communication & Residential Address** : Dr. Achintya Kumar Samanta
At Kuikota,"Lahari Niwas"
P.O. : Midnapore Town, 721 101
Dist: Paschim Medinipur, WB, India.
- E-mail** : aksrnc2014@gmail.com
- 9. Eligibility** : UGC ACCREDITED SLET, 2004 (WBCSC) QUALIFIED.

10. ACADEMIC QUALIFICATIONS:

Examinations Passed	Board/University	Subjects taken	Year of passing
Madhyamik	W.B.B.S.E	BBE (PH)	1983
H.S	W.B.C.H.S.E	B,E,PH,CH.BIO,M	1985
B. Sc(H)	VIDYASAGAR UNIVERSITY	Hons: BOTANY Pass: ZOOLOGY & PHYSIOLOGY	1988
M. Sc	DO	BOTANY Spl. Paper: MICROBIOLOGY	1991
Ph. D	NORTH BENGAL UNIVERSITY	TAXONOMY & ECOLOGY	AWARDED On 05.04. 2000

11. PRESENT AFFILIATION: At present working as Associate Professor [Stage-IV] & Head in Botany, Ramnagar College, Depal, Purba Medinipur, 721 453, WB, India.

12. RESEARCH EXPERIENCES:

a. TAXONOMIC WORK : Preparation of Local and regional Floras, ethonobotany, ethnotaxonomy, molecular taxonomy, palynotaxonomy, Phytosociology, idea about preparation of Monographs, Keys, Survey of angiospermic flora in Darjeeling and Sikkim Himalayas and also flora of undivided Midnapore district and Jhargram district.

b. PROTEIN PURIFICATION : Different types of chromatography including ion exchange chromatography and gel filtration chromatography, chromatofocussing, HPLC including autoradiography and many other modern techniques.

c. MICROBIOLOGY: Isolation and characterization (both morphological & biochemical) of soil microbes from crop field soil.

d. ECOLOGY: Works done in the field of Coastal Mangrove in Andaman as Research Associate(RA).

13. OTHER EXPERIENCES:

Name of the Institution	Full time/Part time	Particulars in full	From (Date)	To (Date)
North Bengal University	Full time	As JRF& SRF	01.12.1993	04.06.2000
Indian Institute of Chemical Biology, Kolkata	Full time	As Post Doctoral Trainee	May-2000	Dec-2000
Central Botanical Laboratory, BSI, Shibpur, Howrah	Full time	As Research Associate	02.03.2001	19.02.2002

14. HONOURS AND AWARDS:

- a. Graduate Aptitude Test in Engineering (GATE'1992)
- b. UGC- scholarship from 1993-1998

15. INVITED LECTURES:

1. **Role of Science & Technology in our daily life**, 12th May, 2023 on the eve of Science & Technology Day [11th May, 2023], At Ramnagar College Seminar Hall [Offline]
2. **Biodiversity: An Over View**, 8th June, 2023 at Yogoda Satsanga Mahavidyalaya, Palpara [Virtual mode]

16. SCIENTIFIC AFFILIATIONS:

1. **Life Member of RHEDEA** (Organised by Indian Association for Angiosperm Taxonomy, Calicut University, Kerala).
2. **Fellow of Indian Association for Angiosperm Taxonomy**, Calicut University, Kerala (**FIAT**) since 1992.
3. **Natural Member** (Since February 02, 2009) of East Himalayan Society for Spermatophyte Taxonomy (Taxo Club)
4. **Life Member of Midnapore Science Society**, Paschim Medinipur, WB, India.
5. **Life Member [2020] of Social Environmental and Biological Association (SEBA)**, [Journal of Environment & Sociobiology], Kolkata

17. Publications of Dr. Achintya Kumar Samanta:

A. Full papers:

1. **Samanta, A.K.** and Maity, S. K. 2024. An inventory of potential medicinal plants common in Purba and Paschim Medinipur districts of West Bengal, India to Treat leprosy, **Flora and Fauna** 30 (1) : 37-43 & ISSN 2456-9364 (Online) & ISSN 0971-6920 (Print).
2. **Samanta, A.K.**, Maity, S. K. and Sauris Panda, 2023. Survey of Monocot ethno-medicinal plants in Purba Medinipur, Paschim Medinipur and Jhargram districts of West Bengal, India, **Flora and Fauna** 29 (1): 19-28 & ISSN 2456-9364 (Online) & ISSN 0971-6920 (Print).
3. **Samanta, A. K.** and Sauris, Panda, 2022. A Checklist of Climbing Plants in South Bengal and Sunderbans, India. **Int. Res. Journ. of Basic. & Appl. Sciences** Vol. 7: 124-146 & : ISSN: 2455-6718 [Print].
4. **Samanta, A. K., 2022.** Bio-Diversity and Its Conservation As A Tool For Environmental Safety And Sustainable Development. Published in "SUBARNA SMRITI" Ramnagar College Golden Jubilee Celebration's Volume, 20th September, 2022, ISBN 978-93-94983-10-6 (Print), Pages: 279-284 [total pages 01 to 344].
5. **Samanta, A. K., 2021.** Selection and propagation of perennial shrubby hedges for the protection of coastal dunes of Digha and its adjoining areas, West Bengal, **J. Environ. & Sociobiol.** 18 (1) : 33-44. ISSN 0973-0834 (Print).

6. **Samanta, A.K.** and Maity, S. K. 2021. An inventory of ethno-medicinal climbers from the southern parts of West Bengal, India, ***Flora and Fauna*** 27 (1): 85-95 & ISSN 2456-9364 (Online) & ISSN 0971-6920 (Print).
7. **Samanta, A. K, 2021.** Minor Forest Produces and their uses [Chapter-9], Published in *Forestry in India: An Overview*. Innovative Publication, New Delhi, Pages: **105-122 [As book chapter]**
8. Chakraborty, M. and **Samanta, A. K., 2021.** Arbuscular Mycorrhizal Fungi as Biofertilizer and its relevance to the forest ecosystem [Chapter-19], Published in *Forestry in India: An Overview*. Innovative Publication, New Delhi, Pages: **235-240 [As Book chapter]**
9. **Samanta, A. K. 2020.** Documentation of Floristic compositions in Ramnagar College Campus, Purba Medinipur, West Bengal. ***Periodic Research*** 9 (2): E1-E12 & E: ISSN No. 2349-9435.
10. Maity, S. K. and **Samanta, A.K. 2020.** Allelopathic influence of *Eupatorium odoratum* L. on germination and seedling growth of some pulses. ***Int. Res. Journ. of Basic. & Appl. Sciences*** 1(4): 91-97 & : **ISSN: 2455-6718 [Online]**.
11. **Samanta, A. K. 2020.** Angiospermic Climbing Plants Diversity in Jhargram District, West Bengal with their Flowering-Fruiting Periods. ***Asian Resonance***, 9 (4): **90-97 & E: ISSN No. 2349-9443.**
12. **Samanta, A.K. 2020.** An account of Araceae Juss. in the flora of West Bengal, India. ***International J. Bot. Studies***, 5 (5): 468-476 & **ISSN: 2455-541X.**
13. **Samanta, A.K.** and Chakraborty, M. 2020. Tree flora of Purba Medinipur districts of West Bengal with reference to their uses. ***International J. Bot. Studies***, 5 (5): 345-353 & **ISSN: 2455-541X.**
14. **Samanta, A. K. 2020.** Floristic diversity of Pathra and its adjoining areas, Paschim Medinipur District, West Bengal. ***Int. Res. Journ. of Basic. & Appl. Sciences*** Vol. 5 : 3-12 & : **ISSN: 2455-6718 [Online]**.
15. **Samanta, A. K. 2020.** Survey of Floristic Diversity at Kolaghat Thermal Power Plant [KTPP] in the Flora of Purba Medinipur district. Published in **Edited Volume of National Seminar on :Local Biodiversity"** , Department of Botany, RRR Mahavidyalaya, Radhanagar, Hooghly, West Bengal, India : **ISBN: 978-93-84487-24-9, pp. 54-65.**
16. **Samanta, A. K. 2019.** Ethno-medicinal plants used for the treatment of skin diseases from the southern parts of West Bengal, India. ***Int. Res. Journ. of Basic. & Appl. Sciences*** Vol. 4:133-140 & : **ISSN: 2455-6718 [Online]**.
17. Chakraborty, M. and **Samanta, A.K. 2019.** Biodiversity with special reference to Genetic Biodiversity and Sustainable Development-A brief review. ***Int. Res. Journ. of Basic. & Appl. Sciences*** Vol. 4:85-95 & : **ISSN: 2455-6718 [Online]**.
18. **Samanta, A. K. 2019.** Investigation of medicinal plants for the treatments of rheumatism from southern parts of West Bengal. India. ***Int. J. of Physi. Nutri., Physi. Edu.*** [IJPNE], 4 (1): 2088-2090; ISSN: 2456-0057.
19. **Samanta, A. K. 2019.** A checklist of Euphorbiaceae in West Bengal with special reference to thair ethno-medicinal uses. ***Int. J. of Intre. Res. & Dev.*** [IJIRD], Vol. 1/Issue:15/June2019-ISSN-2278-8670
20. **Samanta, A. K. 2018.** Common medicinal plants of Purba and Paschim Medinipur districts of West Bengal: medicinal uses and conservation strategies with some biotechnological interventions [(Edited by De, Dulal, S. Roy, G.C. Bera), in ***Biotechnology and Nature***, Kabitika, Pages, 260, ISBN: 978-93-87602-66-3], 139-147. 122-135.
21. **Samanta, A. K.** and Panda, S. 2016. Study of Angiospermic flora of coastal belt of Digha, West Bengal, India. ***Int. Res. Journ. of Basic. & Appl. Sciences*** 1(2):8-20 & : **ISSN: 2455-6718 [Online]**.

22. **Samanta, A. K.** and Panda, S. 2014. Smilacaceae in Darjeeling and Sikkim Himalayas. *J. Bombay Nat. Hist. Soc.*, 111 (2), May-August, pp 149-153. **ISSN: 0006-6982[Print] & ISSN: 2454-1095 [Online].**
23. **Samanta, A. K.** and Panda, S. 2014. The Convolvulaceae of Darjeeling and Sikkim Himalayas, India. *J. Econ. Taxon. Bot.* 38 (3-4): 662-667. **ISSN: 2050-9768.**
24. **Samanta, A. K.** 2014. An account of the family Vitaceae in Darjeeling and Sikkim Himalayas, India. *J. Econ. Taxon. Bot.* 38 (1): 90-97. **ISSN: 2050-9768.**
25. Panda, S. and **Samanta A. K.** 2014. Hosts of *Cuscuta reflexa* Roxb. in Midnapore Districts, West Bengal. *J. Econ. Taxon. Bot.* 38 (1): 130-135. **ISSN: 2050-9768.**
26. Panda, S., **Samanta A. K.** and Sur, P.R. (Jan.-Mar., 2014). Herbal aid in women's health. *I.J.A.P.B.C.* 3 (1), Jan.-Mar : 221-224. **ISSN: 2277-4688.**
27. **Samanta, A. K.** and Panda, S. 2012. Mangroves of Andaman Islands: a systematic approach. *Some Aspects of Coastal Vegetation in India including Andamans and Sunderbans* (Edited by A. K. Samanta & Sauris Panda), **Pub. by Ramnagar College**, Depal-721-453, East Midnapore, W.B., India. 172-188. **ISBN: 978-93-5087-512-4.**
28. Panda, S. and **Samanta, A. K.** and 2012. *Ipomoea pes-caprae* ssp. *Pes-caprae*- a prolific soil-binder along coastal India. *Some Aspects of Coastal Vegetation in India including Andamans and Sunderbans* (Edited by A. K. Samanta & Sauris Panda)), **Pub. by Ramnagar College**, Depal-721-453, East Midnapore, W.B., India. 189-191. **ISBN: 978-93-5087-512-4.**
29. **Samanta, A. K.** and Panda, Sauris 2012. Diversity in angiospermic climbers in Midnapore districts, West Bengal. *J. Econ. Taxon. Bot.* 35 (4): 715-726. **ISSN: 2050-9768.**
30. **Samanta, A. K.** and Panda, Sauris 2012. Some Medicinally valuable weeds in Midnapore districts, West Bengal. *Proceedings of International Seminar on Systematics of Flowering Plants* [edited by G.G., Maity & Sovan Kumar Mukherjee & **Pub. by Kalyani University**, West Bengal]. 262-267. **ISBN: 978-93-5067-867-1.**
31. Das, A. P., **Samanta, A. K.** and Ghosh, Chandra, 2010 A checklist of Angiospermic Climbers of Darjeeling and Sikkim parts of Eastern Himalaya including Terai and Duars. *Pleione* 4 (2) : 185-206. **ISSN: 0973--9467.**
32. Das, A. P., **Samanta, A. K.**, and Biswas, Kishore 2010. The genus *Piper* L. (Piperaceae) from Darjeeling and Sikkim Himalayas. *Pleione* 4(1) : 33-41. **ISSN: 0973--9467.**
33. **Samanta, A. K.** & Das, A. P. 2009. Climbing plants with special reference to their medicinal importance from Midnapore Town and its adjoining areas. *J. Econ. Taxon. Bot.* 33 (Suppl.) : 180-188. **ISSN: 2050-9768.**
34. **Samanta, A. K.** & Das, A. P. 2009. *Aspidopterys wallichii* Hook. f. (Malpighiaceae) : a new record for Eastern Himalaya. *Pleione* 3(1) : 110-111. **ISSN: 0973--9467.**
35. Das, D. DC. & **Samanta, A. K.** 2006. Phytosociological status of *Typha elephantina* Roxb. (Typhaceae) in Midnapore District of West Bengal. *J. Econ. Taxon. Bot.* 33(1): 91-96. **ISSN: 2050-9768.**
36. **Samanta, A. K.** 2006. The genus *Dioscorea* L. In Darjeeling and Sikkim Himalayas- a census. *J. Econ. Taxon. Bot.* 30(3): 555-563. **ISSN: 2050-9768.**
37. **Samanta, A. K.** 2006. Flowering and fruiting calendar of some angiospermic climbers of Darjeeling and Sikkim Himalayas. *J. Econ. Taxon. Bot.* 30(3): 681-693. **ISSN: 2050-9768.**
38. **Samanta, A. K.** & Das, D. C. 2003. Ethnobotanical studies of *Typha elephantina* Roxb. (Typhaceae) Southern parts of West Bengal. *J. Econ. Taxon. Bot.* 27(3): 576-579. **ISSN: 2050-9768.**

39. **Samanta, A. K.** and Das, A. P. 2002. Pollen diversity among the angiospermic climbers in flora of Darjeeling and Sikkim Himalayas. *Perspectives of Biodiversity* (Edited by A. P. Das), **Pub. By Bishen Singh Mahendra Pal Singh**. Dehradun. 355-376.
40. **Samanta, A. K.,** A. F. M. Manzur Kadir and Das, A. P. 1999. *Aristolochia* L. In Darjeeling and Sikkim Himalayas. *Rheedea* 9 (1):23-30. **ISSN: 0971--2313**.
41. **Samanta, A. K.** and Das, A. P. 1996. Variation, Distribution and Phytosociology of *Holboellia latifolia* Wall. (Lardizabalaceae) in Darjeeling Himalaya. *J. Swamy Bot. Club*. 13:45-50.
42. **Samanta, A. K.** and Das, A. P. 1995. Angiospermic of Darjeeling Hills. *Taxonomy and Biodiversity* (Edited by A. K. Pandey), **CBS Publishers & Distributors**, Delhi, 139-147.

B. Abstracts:

1. **Samanta, A.K., 2023.** Bio-diversity Vis-a-Vis Bio-prospecting. *Abs, in One Day Nat. Sem.* On: Biodiversity Conservation and Sustainable Urban Development : Org. by Deptt. Of Geography, Zoology and Botany, Ramnagar College, in association with IIC, Ramnagar College Cell, 26th April, 2023, pp 42.
2. **Maity, D and Samanta, A.K., 2023.** *Aloe barbadensis* Miller, A Herbal Plant used for the treatments of Multidisciplinary diseases and problems. *Abs, in One Day Nat. Sem.* On: Biodiversity Conservation and Sustainable Urban Development: Org. by Deptt. Of Geography, Zoology and Botany, Ramnagar College, in association with IIC, Ramnagar College Cell, 26th April, 2023, pp 31.
3. **Samanta, S. Bera, A. and Samanta, A.K., 2023.** Trees of Fabaceae from Purba Medinipur district of West Bengal, India with reference to their uses. *Abs, in One Day Nat. Sem.* On: Biodiversity Conservation and Sustainable Urban Development : Org. by Deptt. Of Geography, Zoology and Botany, Ramnagar College, in association with IIC, Ramnagar College Cell, 26th April, 2023, pp 19.
4. **Samanta, A.K., 2023.** Survey of angiospermic climbers in the Digha-Sankarpur coastal belts of Purba Medinipur district of West Bengal with reference to their uses. *Abs, in One Day Nat. Sem.* On: Biodiversity Conservation and sustainable Urban Development : Org. by Deptt. Of Geography, Zoology and Botany, Ramnagar College, in association with IIC, Ramnagar College Cell, 26th April, 2023, pp 17.
5. **Samanta, A.K., 2023.** Survey of angiospermic climbers in the Digha-Sankarpur coastal belts of Purba Medinipur district of West Bengal with reference to their uses. *Abs, in One Day Nat. Sem.* On: Biodiversity Conservation and sustainable Urban Development : Org. by Deptt. Of Geography, Zoology and Botany, Ramnagar College, in association with IIC, Ramnagar College Cell, 26th April, 2023, pp 17.
6. Bera, A. and **Samanta, A.K., 2023.** Depletion of the medicinal plant *Smilax zeylanica* L. [Smilacaceae] with reference to climate change in the southern parts of West Bengal. *Abs, in One Day Nat. Sem.* On: Present scenario and prospects of aquaculture in West Bengal : Org. by Deptt. Of Fisheries Science (PG) , in collaboration with department of aquaculture management, Industrial fisheries & Fishery & Farm management, in association with IIC, Ramnagar College Cell, Vidyasagar University, 28th March, 2023, pp 12.
7. Bera, J., Bera, A, Samanta, S and **Samanta, A.K., 2023.** Ethno-medicinal climbers used in skin ailments by tribal peoples of Digha and adjoining areas of Purba Medinipur District, West Bengal, India. *Abs, in One Day International Conference* On: Life and Environment: Issues and Concern: Org. by Deptt. of Botany, in collaboration with Internal Quality

Assurance Cell, Vivekananda Mahavidyalaya, Burdwan-713 103, Purba Bardhaman, W.B., India, 9th March, 2023, pp 75.

8. Samanta, S., Bera, A., Ghanti, S. and **Samanta, A.K., 2022.** Survey of medicinal plants and their uses of the family Apocynaceae from the southern part of West Bengal, India. *Abs, in One Day Nat. Sem.* On: Progress of plant science in Post-Independence Era : Org. by Deptt. Of Botany & Forestry, Vidyasagar University, 4th August, 2022, pp 38.
9. Samanta, A.K. 2020. Survey of ornamental plants in the flora of Purba Medinipur district, West Bengal. *Abs, in Nat. Sem.* : Org. By Deptt. Of NSS & NSS Units, Raja N.L.Khan Women's (Autonomous) College College, Paschim Medinipur, West Bengal, in collaboration with Ramnagar College, Purba Medinipur and Nehru Yuva Kendra, Paschim Medinipur, West Bengal, 15th February May, 2020, pp. 20.
10. Samanta, A.K. 2019. Investigation of exotics in the flora of Digha-Sankarpur coastal belts of Purba Medinipur district, West Bengal and their control. *Abs, in Nat. Sem.* : Org. by Deptt. Of Botany, Egra, S.S. B. College, Purba Medinipur, West Bengal, 21st May, 2019, pp. 17.
11. Samanta, A.K. 2019. Present status of *Typha elephantina* Roxb. (Typhaceae) in West Bengal and uses. *Abs, in Nat. Sem.* : Org. bb Deptt. of Aquaculture Management & Technology, Vidyasagar University, Midnapore-72 102 & in collaboration with Alumni Association of the department, 31st January-1st February, 2019, pp.32.
12. Samanta, A. K. 2018. Study of Asteraceae from the coastal regions of Purba Medinipur district with reference to their economic importance and conservation.. *Abs, in Sat. Sem.* : Org. by Deptt. of Botany& Forestry, Vidyasagar University March 29-30, 2018.
13. Samanta, A. K. 2018. Depletion of medicinal plant *Gymnema sylvestre* (Retz.) R.Br.(Asclepiadaceae with reference to climate change in the southern parts of Purba Medinipur district, West Bengal. *Abs, in Sat. Sem.* : Org. by Deptt. of Botany, Ramnagar College & in collaboration with the K.D. College of Commerce & General studies, March 06, 2018, pp.41.
14. Samanta, A. K. 2018. Study of Leguminosae from the coastal regions of Purba Medinipur district with reference to their economic importance and conservation. *Abs, in Nat. Sem.* : Org. by Deptt. of Botany & in collaboration with, Radhanagar Pally Samiti, Hooghly, January 30, 2018, pp.59.
15. Samanta, A. K. 2017. *Curcuma longa* L. (Zingiberaceae): its medico-cosmetic uses and conservation. *Abs, in Nat. Sem.* : Org. by the K.D. College of Commerce & general studies & in collaboration with Deptt. of Zoology, SSM College, Keshpur, December 22, 2017, pp.42.
16. Samanta, A. K. & Das, D. C. 2017. Effect of Vermicompost and chemical fertilizer on the growth and development of *Cucumis sativus* L. : A Comperative study. *Abs, in Nat. Sem.* : Org. by the K.D. College of Commerce & general studies & in collaboration with Deptt. of Botany, Midnapore College (Autonomous), March 6-7, 2017, pp.54.
17. Samanta, A. K., S. Panda, 2017. Survey of exotic weeds in Digha-Sankarpur Coastal Belt of West Bengal: their medico-economics and the need of weedomics.], . *Abs. in Nat. Sem. on "Plant and Microbes in Human Welfare and Sustainability"*, at Deptt. Of Botany, Midnapore College (Autonomous) in collaboration with Narajole Raj College, February 24, 2017Pp-8.
18. Samanta, A. K. 2017. Study of common ethno-medicinal plants in the Digha –coastal belt of Purba Medinipur district, West Bengal and their conservation with reference to bio-technological Approaches. *Abs, in Nat. Sem.* : Org. by at Deptt of Zoology, Raja, N.L.Khan

Women's College and in Collaboration with SBSS Mahavidyalaya, Goaltore, Paschim Medinipur, January, 18-19, 2017, Pp-74.

19. Samanta, A. K. 2016. Study of tendrils-climbers from Purba & Paschim medinipur districts for treating some common diseases. *Abs, in Nat. Sem. : Org. by at Deptt Human Physiology with community Health, Vidyasagar University March 30-31, 2016.*
20. Samanta, A. K. 2016. Survey of medicinal plants in the flora Digha Coastal West Bengal, for diabetic patients. *Abs, in Nat. Sem. : Org. by Deptt of Botany & Forestry, Vidyasagar University February 16-17, 2016.*
21. Samanta, A. K. 2015. *Survey of Angiospermic Flora of Digha CoastalPerennial sandunes.* *Abs, in Nat. Sem. : Org. By Deptt of Geography, Ramnagar College in collaboration with Khejuri College 9th&10th October, 2015.*
22. Samanta, A. K. 2015. *Opuntia dillenii* (Kar-Garler) [Cactaceae], a neglected medicinal weed plant.. *Abs, in Nat. Sem. : at Deptt Human Physiology with community Health,Vidyasagar University 27th March, 2015.*
23. Samanta, A. K. 2015. Study of potential sand binding plants & their medicinal uses in the coastal communities of Digha Areas.. *Abs, in Nat. Sem. : at Deptt of Botany,Org. by Egra S.S.B. College & Belda College. 9th March, 2015.*
24. Samanta, A. K., S. Panda, 2012. **Some common poisonous plants around us: an appraisal** *Abs[no.], in Nat. Sem. on "Modern Trends In research On Medicinal Plants And Phytochemicals", at Deptt. Of Botany, Egra S.S. B. College .*
25. Samanta, A. K., S. Panda, 2012. Plants commonly used in various ailments in our daily life. *Abs[no.], in Nat. Sem. on "Modern Trends In research On medicinal Plants And Phytochemicals", at Deptt. Of Botany, Egra S.S. B. College,*
26. Samanta, A. K., S. Panda, 2012. Plants useful in curing ailments of liver and anaemia. *Abs., in State Level Sem. on Green Medicine; its concepts and relevance to modern medicine at Chandrokon Vidyasagar Mahavidyalaya, 35.*
27. Samanta, A. K. 2011. Diversity of climbers in the historic city of Bardhaman, West Bengal with their medicinal uses and conservation. *Abs [no.24], in UGC sponsored National Seminar on "Modern Ethnobotany: Its Concepts and Relevances", at Department of Botany, Garbeta College, 47.*
28. Samanta, A. K., S. Panda, 2011. *Solanum trilobatum* L. : notes on distribution in West Bengal. *Abs [no.], Abs, in Nat. Semi. at Department of Botany, Pingla Thana Mahavidyalaya, 52.*
29. Samanta, A. K., S. Panda, 2011. A checklist of angiosperms in Ramnagar College Campus, East Midnapore district, West Bengal. *Abs[no.38], in Nat. Sem. Plant Diversity: Aspects and Prospects, at Deptt. Of Botany, VidyasagarUniversity, 30.*
30. Samanta, A. K., S. Panda, and A. P. Das 2011. Rare and threatened climbers of Darjeeling and Sikkim Himalayas and their conservation. *Abs, in Nat. Sem. : at Deptt of Botany, Gourbanga Mahavidyalaya, Malda .[Not yet received]*
31. Samanta, A. K. and A. P. Das 2010. Survey of potentially useful climbers from Darjeeling and Sikkim Himalayas and their conservation. *Abs., in Nat. Sem. Diversity conservation and sustainable utilization of plants and traditional knowledge in Eastern Himalaya, at North Bengal University, 31.*
32. Samanta, A. K., S. Panda, and A. P. Das 2010. Climbers of Midnapore district, West Bengal: a systematic account. *Abs, in Nat. Sem. Diversity conservation and sustainable utilization of plants and traditional knowledge in Eastern Himalaya, at North Bengal University, 22.*

33. Samnata, A. K. and Das, A. P. 2010. Ethnobotanical studies on the angiospermic climbers of Darjeeling and Sikkim Himalayas. *Abs., in Nat. Sem. on plant sciences*, at Burdwan University.[Not yet received]
34. Giri, D. K., A. K. Samanta and C. K. Jana, 2010. Floral and Faunal biodiversity of Digha-Sankarpur area- a preliminary report. *Abs, in Nat. Sem. On the structure and function of coastal vegetation and its relevance to the society*, at Ramnagar College, 46.
35. Panda, S., A. K. Samanta and A. P. Das 2010. *Ipomoea pes-caprae* : A prolific soil-binder in coastal West Bengal. *Abs, in Nat. Sem. On the structure and function of coastal vegetation and its relevance to the society*, at Ramnagar College, 44.
36. Samanta, A. K. and Banerjee, L. K. 2010. An overview of the Mangroves of Andaman Islands- their utilities and conservations. *Abs, in Nat. Sem. On the structure and function of coastal vegetation and its relevance to the society*, at Ramnagar College, 33.
37. Samanta, A. K. 2010. Coastal vegetation with special reference to Mangroves: A profile. *Abs, in Nat. Sem. On the structure and function of coastal vegetation and its relevance to the society*, at Ramnagar College, 26-27.
38. Sasmal, Babulal *et al.*, 2010. Investigation on the aquatic flora of Purba Medinipur. *Int. Sem. at NBRI*, Lucknow ?.
39. Samanta, AK. and Das, D. C. 2010. Investigation of climbers from Paschim Medinipur district and its ethnomedicinal uses. *Int. Sem. at NBRI*, Lucknow, ?
40. Samanta, A. K. 2007. Diversity of *Dioscorea* (Dioscoreaceae) in Darjeeling and Sikkim Himalayas and its medicinal importance. *Abs. In Nat. Sem. on medicinal plants*, at Midnapore College, ?.
41. Samanta, A. K. 2004. Diversity of Angiospermic climbers in Darjeeling and Sikkim Himalayas. *Abs. In Nat. Sem. on Rec. Adv. in Pl. Sc.*, Vidyasagar University, 26.
42. Samanta, AK. 2003. Piper in Darjeeling and Sikkim Himalayas, *Abs. In IAAT Conference* at T. M. Bhagalpur University.
43. Samanta, A. K. 2001. Survey of Tree Flora of Midnapore Town, *IAAT Conference* at FRI, Dehradun, 70.
44. Samanta, A. K. and Das, A. P. 1999. Angiospermic Climber flora of Darjeeling and Sikkim Himalayas, *Conference* at Calcutta University, 68.
45. Samanta, A. K. and Das, D. C. 1999. Ethnobotanical studies on the *Typha elephantina* Roxb. In the southern parts of West Bengal, India, *IAAT Conference* at North Bengal University, Siliguri, 70.
46. Samanta, A. K. and Das, A. P. 1999. Pollen diversity of the angiospermic climbers of Darjeeling and Sikkim Himalayas. *IAAT Conference* at North Bengal University, Siliguri, 43.
47. Samanta, A. K. and Biswas, K. K. 1999. Range of host specificity of *Cuscuta reflexa* Roxb. In the district of Midnapore. *Abs. In Rec. Tren. Res. In Env. Bot.*, Vidyasagar University, 9.
48. Das, A. P. And Samanta, A. K. 1998. The present status of angiospermic climbers of Darjeeling and Sikkim Himalayas. *Abs. in 8th IAAT Ann. Con. And Nat. Sem. On Biod. Con. Used Taxo. Trop. Plants*. Calicut, 6,
49. Samanta, A. K. and Das, A. P. 1998. Notes on the distribution and conservation angiospermic climbers in Sikkim Himalaya. *Abs. In 5th West Bengal State Science Congress*, North Bengal University.
50. Miah, Abdul Gafur, Samanta, A. K. And A. P. Das, 1999. Survey of trees of North Bengal University Campus. *Abs. Rel. Taxo. Cons. Biod.*, Aurangabad, 46-47.
51. Samanta, A. K. Kadir, A.F. M. And Das, A. P. 1997. *Aristolochia* L. In Darjeeling Sikkim Himalayas. *Abs. Rel. Taxo. Cons. Biod.*, Aurangabad, 45-46.

52. Das, A. P. And Samanta, A. K. 1996. Phenology of some angiospermic climbers of foot-hill regions of Darjeeling Himalaya. *Abs. Rel. Taxo. Cons. Biod.*, Sagar, 30.
53. Samanta, A. K. and Das, A.P. 1995. Variation, distribution and phytosociology of *Holboellia latifolia* Wall. (Lardizabalaceae) in Darjeeling Himalayas. *Abs. Nat. Sym. New Dir. Pl. Biod. Res.*, Tiruchirapalli, 31.
54. Samanta, A. K. and Das, A.P. 1994. Angiospermic Climbers of Darjeeling Hills- A preliminary report. *Abs. Nat. Sym. Rel. Taxo. Cons.*, Bhagulpur, 23.

17. SEMINARS ATTENDED:

A. NATIONAL LEVEL/STATE LEVEL:

1. Survey of ornamental plants in the flora of Purba Medinipur district, West Bengal. Nat. Sem on "Ecology , Bio-diversity and Health" , 15th February, 2020, at Deptt. of NSS & NSS Units, Raja N.L.Khan Women's (Autonomous) College College, Paschim Medinipur, West Bengal, in collaboration with Ramnagar College, Purba Medinipur and Nehru Yuva Kendra, Paschim Medinipur, West Bengal.
2. Investigation of exotics in the flora of Digha-Sankarpur coastal belts of Purba Medinipur district, West Bengal and their control. Nat. Sem. On "Diversity of coastal flora in India-Threats, Challenge & Restoration", 21st May, 2019.
3. Investigation of exotics in the flora of Digha-Sankarpur coastal belts of Purba Medinipur district, West Bengal and their control. Nat. Sem. On "Diversity of coastal flora in India-Threats, Challenge & Restoration", 21st May, 2019, at Department of Botany, Egra S.S.B. College, Purba Medinipur, West Bengal.
4. Present status *Typha elephantine* Roxb. (Typhaceae) in West Bengal and uses.. Naqt. Sem. On "Frontiers of Fisheries Research: Problems & Prospect" 31st January-1st February, 2019, at Department of aquaculture Management & Technology, V.U. in collaboration with Alumni Association of Aquaculture Deaptt, V.U. Midnapore-721 102, West Bengal.
5. Hazards of Fast Food On Human Health. Nat. Sem.On "Health Risk of Processed Food", 9th March, 2018, At Deptt. of Chemistry at Ramnagar College, Raja Purba Medinipur, West Bengal.
6. Global Warming: A Warning Signal of Climate Change-A Profile. State Lev. Sem. On "Climate Change":its Consequences, 6th March, 2018, At Deptt. of Botany, Ramnagar College, Purba Medinipur, West Bengal.
7. Consequences of climate change on Phenology & Crop yield. State Lev. Sem. On "Climate Change": its Consequences, 6th March, 2018, At Deptt. of Botany, Ramnagar College, Purba Medinipur.
8. Depletion of the Medicinal Plant *Gymnema sylvestre* (Retz.) R.Br.[Asclepiadaceae] in the Southern parts of Purba Medinipur district, West Bengal with reference to climate change.
9. Study of Asteraceae in the Coastal Belts of Purba Medinipur District, West Bengal with special reference to their economic uses and conservation. Nat. Sem. On "Trends in contemporary research in plant science"29-30th March, 2018, At Department of Botany & Forestry", Vidyasagar University, 721 102, West Bengal.
10. *Gloriosa superba* L. (Liliaceae) : An endangered medicinal plant in West Bengal. Nat. Sem.On "Forests: Our Legacy, Diversity, utilisation and Conservation", 30th July,2018, At Deptt. of NSS & NSS Units, Raja N.L.Khan Women's College, Paschim Medinipur, West Bengal.

11. Study of Leguminosae from the coastal regions of Purba Medinipur district with reference to their economic importance and conservation. *Abs, in Nat. Sem. : Org. by Deptt. of Botany & in collaboration with, Radhanagar Pally Samiti, Hooghly, January 30, 2018, pp.59.*
12. *Curcuma longa* L. [Zingiberaceae]: its Medico-Cosmetic Uses and conservation. Nat. Sem on "Cons. of Biod. Through habitat Restoration", 22th December, 2017, at the K.D. College, Paschim Medinipur, West Bengal.
13. UGC Sponsored State Level Seminar on "Green Medicine; Its Concepts and Relevance to Modern Medicine", Chandrokona Vidyasagar Mahavidyalaya, 9th February, 2012.
14. UGC Sponsored National Seminar On "Modern Ethnobotany : Its Concepts and Relevances ", Department of Botany, Garbeta College, 8th & 9th November 2011.
15. UGC Sponsored National Seminar On "Plant Diversity: Aspects and Prospects", Department of Botany, Vidyasagar University, 9th & 10th March, 2011.
16. UGC Sponsored National Seminar On "Diversity Conservation and Sustainable Utilisation Of Plants and Traditional Knowledge in Eastern Himalaya", Department of Botany, North Bengal University & East Himalayan Society for Spermatophyte Taxonomy, December 14-16, 2010.
17. UGC Sponsored State Level Seminar on the "The Role of Sanskrit Language in protecting Modern Indian Culture" Department of Sanskrit, Ramnagar College, February 5-6, 2010.
18. UGC Sponsored National Seminar On "The Structure & Function Of Coastal Vegetation and its Rellevance to the Society", Department of Botany, Ramnagar College, March 17-18, 2010.
19. UGC Sponsored One –Day national Seminar on Teaching Methodology in Higher Education, Kharagpur College, February 18, 2010.
20. Workshop on Proposal For the Structure of U. G. Courses and Evalaution System Reforms, Vidyasagar University & in Collaboration with VUTA & WBCUTA, Paschim Medinipur District Committee, March 20, 2009.
21. Workshop on Bioinformatics Infrastructure facility (BIF) Centre: Sponsored by Department of Biotechnology, Govt. Of India, Department of Microbiology, Vidyasagar University, September 2-4, 2009.
22. Two-Day NAAC Sponsored National Seminar on Role of IQAC quality Enhancement & Quality Sustenance in Higher Education, Midnapore College, March 7-8, 2009.
23. National Medicinal Plants Board Sponsored Two-Day National Seminar on medicinal plants: Theme-Indian Medicinal Plants to marketable Drugs, Midnapore College, March, 8-9, 2007.
24. National Seminar on Recent Advances in Plant sciences, Department of Botany & Forestry, Vidyasagar University, March 30-31, 2004.
25. 5th National seminar on recent Trends of Research in Environmental Botany, Vidyasagar University, March, 27, 1999.
26. 5th West Bengal State Science Congress, in North Bengal University, March, 21-23, 1998
27. National Conference on flowering plants: Systematics & Diversity, Br. B. A. Marathwada University, October, 16-18, 1997.
28. New direction in Plant Biodiversity Research, Bharathidasan University, Tiruchirapalii, September, 27-29, 1995.
29. Relevance of Taxonomy in conservation of Biodiversity, Bhargalpur, October. 28-29. 1994.

B. INTER NATIONAL LEVEL:

1. International Seminar on "Higher Education and Employability" Org. By Vidyasagar University Res. Scholars' Association, Vidyasagar University, February, 27, 2009.

2. Indian Association for Angiosperms Taxonomy and International Symposium on Angiosperm Systematics & Phylogeny: Prospects & Retrospects, Org. By NBRI, Lucknow, November 12-14, 2010.

18. TEACHING EXPERIENCES:

Sl. No.	Institution	Position
1.	Ramnagar College, Purba Medinipur	At present As Permanent Associate Professor in Botany [Stage-IV] & Head since 16.12.2008
2.	Charuchandra College, Kolkata-29	Formerly As Part-time Lecturer
3.	Vidyanagar College, 24 Pgs (S)	Formerly As Part-time Lecturer

19. Publication OF Book (Two edited Volumes):

Name of the Book	Edited by	ISBN Numbers	Year of Publication
Some Aspects of Coastal Vegetation In India including Sunderbans	Dr. A.K.Samanta & Dr. Sauris Panda	978-93-5087-512-4	November 13, 2012 Copy Right: Ramnagar College, Depal-721 453, Purba Medinipur, West Bengal
Forestry in India: An Overview	Dr. J. Laha, Dr. P. Chakraborty, Mrs. D. Mukherjee, Mr. N.K. Sinha, Dr. R. Mukherjee and Dr. A. K. Samanta	978-93-91208-32-5	Published by Innovative Publication Books, New Delhi, 2021, Pages: 01-242 .

20. One UGC-sponsored MRP Project Completed

Title of the project	Sponsored by	Duration of the projects
Selection & propagation of shrubby members of the Coastal Belt of Digha	UGC	01.04.2014 to 01.04.2016

21. Organisation of Seminars:

Title of the seminars	Organisational Level	Sponsored by	Venue	Acts as
The structure & Function coastal vegetation of India, 2010	National Level	UGC	At Ramnagar College	Organising Secretary
Medicinal Plant Biodiversity in West Bengal, 2012	Departmental	Self funding	At Ramnagar College	Organising Secretary
Global Warming & its consequences, 2016	State Level	Self funding	At Ramnagar College	Seminar Co-ordinator
Local Biodiversity: Documentation & Conservation, 2019	National Level	West Bengal Biodiversity Board	At Ramnagar College	Seminar Co-ordinator
"Ecology, Biodiversity and Health: Application & Strategy", 2020	National Level	West Bengal Biodiversity Board	Raja N.L.Khan Women's College in collaboration with Ramnagar College, Purba Medinipur and Nehru Yuva Kendra, Paschim Medinipur.	Joint Organising Secretary
"Biodiversity Conservation and Sustainable Urban Development", 2023	National Level	Self funding	Organised by the department of Geography, Zoology and Botany, Ramnagar College	Joint Convener
"Science & technology in 21 st Century: Issues & Concerns"	Three days Faculty Development	Self funding	Organised by IQAC, Ramnagar College	Programme Co-ordinator

	Programme [FDP] 26.6.2023 to 28.06.2023			
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22. COMPUTER KNOWLEDGE: WINDOWS, MS-excel, MS-Word, Power-Point, Internet & Browsing, etc.

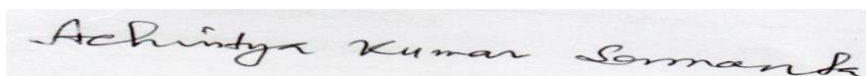
23. APTITUDE: Fond of music and interests on cricket foot-ball and reading of novels with special emphasis on ENVIRONMENT.

24. OTHERS:

(a) **Acts as an Evaluator**(State Level): on National Children's Science Congress,(a) At Loreto day School, Kolkata, 21-22, November, 2009 & (b) Act as District level Science Model Evaluator [both level-12 & college students] since 2011.

(b) **Acts as Chairperson** [National Level]: on National Level Seminar on Biodiversity Conservation and Sustainable Urban Development: At the time of paper presenters, 26th April, 2023, at Ramnagar College.

I do hereby declare that the information given in curriculum vitae is true and complete to the best of my knowledge & belief.



[DR. ACHINTYA KUMAR SAMANTA]