

## Personal Profile / Curriculum Vitae

**Dr. Ananya Nayak**  
Assistant Professor

### Address

**i) Address for Communication:**

Department of Zoology, Bankura Sammilani College,  
Kenduadihi, Bankura, PIN- 722102

**ii) Permanent Address:**

Vil+Po: Gangajalghati, Dist-Bankura, PIN-722133



### Personal Details

**Contact Number:** 9733089124

**Email Id:** [ananya0001@gmail.com](mailto:ananya0001@gmail.com)

**Date of Birth:** 06.01.1983

**Date of Joining:**

01.04.2010 to 07.02.2017 at Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly

08.02.2017 to present at Bankura Sammilani College, Kenduadihi, Bankura

**Web Page Link (if any):**

**Vidwan URL:** <https://vidwan.inflibnet.ac.in/profile/237467>

**Google Scholar Id:** <https://scholar.google.co.in/citations?user=IYw8FD8AAAAJ>

**ORCID Id:** <https://orcid.org/0000-0003-2828-946X>

**Researchgate:** <https://www.researchgate.net/profile/Ananya-Navak>

### Educational Qualification

**M.A / MSc. /M.Com: (Institute and Passing year)** MSc. In Zoology from BHU

**PhD: (Institute and Passing year)** Visva-Bharati University, Santiniketan 2014

**Post-Doctorate Experience (if any):** Nil

**Area of Teaching:**

Genetics, Molecular Biology, Biochemistry, Immunology, Cell Biology, Ecology, Animal Diversity, Non-Chordata, Animal Physiology, Developmental Biology, Evolution.

**Research Interest:** Molecular Parasitology, Biodiversity studies.

**Awards and Fellowships:**

**Awards:**

1. Outstanding paper award at 1<sup>st</sup> Regional Science and Technology Congress 2016, Bardhaman Division, West Bengal, held at Bankura Christian College, from 07.11.2016 to 08.11.2016.
2. Outstanding paper award at The 24th West Bengal State Science and Technology Congress, 2017, held at Science City, Kolkata from 28.02.2017 to 01.03.2017.

**Fellowships:**

CSIR (NET)-JRF 2007

CSIR (NET)-JRF 2009

SET (West Bengal State Eligibility Test) 2008

**Research Project:** Nil

**Ph.D. / M. Phil. Thesis Guidance:** Nil

Student's Name	Thesis Title	Registration Year	Institution / University
N.A	N.A	N.A	N.A

**Member of Personal Body / Editorial Board:**

1. Life Member of The Indian Science Congress Association (ISCA). Membership No: L26897 since 2015.
2. Life Member of The Association of Microbiologists of India (AMI). Membership No: 4105-2015 since 2015.

**Faculty Development Courses / Programs attended:**

Name of the Course / Program	Venue	Duration
1. <b>Orientation Programme (94<sup>th</sup>)</b>	Academic Staff College, Burdwan University	28 Days (from 24.01.2014 to 20.02.2014)
2. <b>Refresher Course in Biological Sciences</b>	Human Resource Development Centre (HRDC), Burdwan University	21 Days (from 23.09.2015 to 13.10.2015)
3. <b>Refresher Course in Life Sciences</b>	Human Resource Development Centre (HRDC), Ranchi University	14 Days (from 05.07.2019 to 18.07.2019)
4. <b>Refresher Course in Biological Sciences</b>	Human Resource Development Centre (HRDC), University of Calcutta	14 Days (from 25.02.2021 to 10.03.2021)

<b>5. Orientation Programme in NSS</b>	Human Resource Development Centre (HRDC), Burdwan University	7 Days (from 30.08.2015 to 05.09.2015)
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**National / International Publications (if any):**

**1. Albendazole induces apoptosis in adults and microfilariae of *Setaria cervi*. Ananya Nayak, Prajna Gayen, Prasanta Saini, Sudipta Maitra , Santi P Sinha Babu. Experimental Parasitology 2011; 128(3):236-42.**

**2. Molecular evidence of curcumin-induced apoptosis in the filarial worm *Setaria cervi*. Ananya Nayak, Prajna Gayen, Prasanta Saini, Niladri Mukherjee, Santi P Sinha Babu. Parasitology Research 2012; 111(3):1173-86.**

**3. Effect of ferulic acid from *Hibiscus mutabilis* on filarial parasite *Setaria cervi*: molecular and biochemical approaches. Prasanta Saini, Prajna Gayen, Ananya Nayak, Deepak Kumar, Niladri Mukherjee, Bikas C. Pal, Santi P. Sinha Babu. Parasitology International 2012; 61(4):520-31.**

**4. A double-blind controlled field trial of doxycycline and albendazole in combination for the treatment of bancroftian filariasis in India. Prajna Gayen, Ananya Nayak, Prasanta Saini, Niladri Mukherjee, Sudipta Maitra, Prasanta Sarkar, Santi P. Sinha Babu. Acta Tropica 2013; 125:150-156.**

**5. Antifilarial effect of ursolic acid from *Nyctanthes arbortristis*: Molecular and biochemical evidences. Prasanta Saini, Prajna Gayen ,Deepak Kumar, Ananya Nayak, Niladri Mukherjee, Suprabhat Mukherjee, Bikas C. Pal, Santi P. Sinha Babu. Parasitology International 2014; 63:717–728.**

**6. Bar-headed Goose: first record of migratory *Anser indicus* in Gangdua Dam of Bankura District, West Bengal, India. Ananya Nayak. Bird-o-soar #27. In: Zoo's Print 2019; 34(3): 28-31.**

**7. Avian fauna of Gangdua dam (Sali Reservoir), Bankura district, West Bengal, India. Ananya Nayak. Wesleyan Journal of Research 13(June 2020): 102-108.**

**8. Blue Rock-thrush *Monticola solitarius pandoo* : First record from the southern West Bengal, India. Ananya Nayak.** Ela Journal of Forestry and Wildlife (EJFW) 2020; 9(2): 657-661.

**9. A checklist of butterfly fauna of Bankura Town, West Bengal, India. Ananya Nayak.** Journal of Threatened Taxa 2020; 12(13): 16868–16878.  
<https://doi.org/10.11609/jott.4882.12.13.16868-16878>

**10. Moth diversity (Lepidoptera: Heterocera) of Banaras Hindu University, Varanasi, India: a preliminary checklist. Ananya Nayak, Sohini Ghosh.** Notulae Scientia Biologicae 2020; 12(3):592-607. DOI:10.15835/nsb12310749.

**11. Monsoon moths (Lepidoptera: Heterocera) of Midnapore town, West Bengal, India: a preliminary checklist with a note on their diversity. Ananya Nayak, Sunanda Sasmal.** Environmental and Experimental Biology 2020; 18(4):271–282. DOI:10.22364/eeb.18.26.

**12. Nesting tree selection by scattered heronry birds of drought prone Northern Bankura, West Bengal, India: preference of *Phoenix sylvestris* near wetland-associated habitats. Ananya Nayak.** Notulae Scientia Biologicae 2021; 13(1):10871.  
DOI:10.15835/nsb13110871

**13. Capture of *Papilio polytes* Linnaeus, (Lepidoptera:Papilionidae) by orb-weaving spider *Parawixia dehaani* Doleschall, 1859 (Araneae: Araneidae): A new record from Gangajalghati, Bankura, West Bengal, India. Ananya Nayak.** Ela Journal of Forestry and Wildlife (EJFW) 2021; 10(2): 887-893.

**14. A preliminary checklist of moths (Lepidoptera: Heterocera) from Gangajalghati, Bankura, West Bengal, India. Ananya Nayak.** Journal of Threatened Taxa 2021; 13(9):19310-19323. DOI:10.11609/jott.6037.13.9.19310-19323.

**15. Post-monsoon bird assemblages in rural and riverine environments of Northern Howrah, West Bengal, India: A spatio-temporal approach. Ananya Nayak, Sunanda Sasmal.** Notulae Scientia Biologicae 2022; 14(1):1-18. DOI:10.15835/nsb14111078.

**16. Wintering of Leaf Warblers (*Phylloscopus Boie*, 1826) in Gangajalghati: First photographic evidence of four species from Northern Bankura. Ananya Nayak. Journal of Tropical Life Science 2022; 12(12):123-129.DOI:10.11594/jtls.12.01.12.**

**List of Books / Book Chapters Published: Nil**

**National / International seminars / conferences / workshop attended/ Paper presented:**

Sl No	Name of Seminar / Workshop / Symposium	Venue	Duration	State / National / International	Nature of Participation
1.	International Seminar on "Pollution and Biosafety: Issues and Concern"	Raja Rammohan Roy Mahavidyalaya, Radhanagar, Hooghly	One day on 03/08/2022	International	Paper Presentation
2.	WB Biodiversity Board-Sponsored National Seminar on Local Biodiversity, 2018	Department of Botany, Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly	30.01.2018	National	Paper Presentation
3.	One Day National Seminar on Biodiversity Conservation and Bio Resource Management: Benefitting Man and Nature. 2018	Department of Zoology and Botany, Bankura Sammilani College, Kenduadihi, Bankura.	11.12.2018	National	Paper Presentation
4.	Biotechnology: a remedy for ecorestoration, 2017	Department of Zoology, Raja N.L Khan Woman's College, WB	18.01.2017 to 19.01.2017	National	Paper Presentation
5.	UGC-Sponsored National Seminar on Recent Advances in Biological Sciences, 2017	Department of Microbiology, Gurudas College, Kolkata, WB	17.02.2017 to 18.02.2017	National	Paper Presentation
6.	UGC-Sponsored National Seminar on Role of Microbes for Sustainable Agriculture and Environment, 2017	Department of Microbiology, Midnapore College (Autonomous), Midnapore, WB	28.01.2017	National	Paper Presentation
7.	UGC-Sponsored Two Days National Seminar on National Integrity and its Crisis: the Role and Responsibilities of NSS, 2017	NSS, Raniganj Girls College, Raniganj, WB	09.03.2017 to 10.03.2017	National	Paper Presentation
8.	UGC-Sponsored National Seminar on Spare the nature, make the earth green, 2017	Department of Zoology, Sonamukhi College, Sonamukhi, Bankura, WB	05.01.2017 to 06.01.2017	National	Paper Presentation
9.	24 <sup>th</sup> West Bengal State Science & Technology	Department of Higher Education,			

	Congress, 2017	Science and Technology and Biotechnology Govt. Of West Bengal at Science City Kolkata, Bankura	28.02.2017 to 01.03.2017	State	Paper Presentation
10.	The Green Planet: Past, Present and Future, 2016	Department of Botany, University of Calcutta	21.12.2016 to 23.12.2016	International	Paper Presentation
11.	First Regional Science and Technology Congress (Bardhaman Division), 2016	Department of Science and Technology, Govt. Of West Bengal at Bankura Christian College, Bankura	07.11.2016 to 08.11.2016	State	Paper Presentation
12.	National conference on Emerging trends in natural product research, 2011	School of Natural Product Studies, Jadavpur University, WB	12.02.2011 to 13.02.2011	National	Paper Presentation
13.	22 <sup>nd</sup> National Congress of Parasitology, 2010	Department of Zoology, University of Kalyani, WB	30.10.2010 to 01.11.2010	National	Paper Presentation
14.	21 <sup>st</sup> National Congress of Parasitology, 2009	Department of Zoology, Punjab University, Chandigarh	14.11.2009 to 16.11.2009	National	Paper Presentation
15.	One Day Awareness Programme on Intellectual Property Right. 2019	Internal Quality Assurance Cell (IQAC), Bankura Sammilani College, Kenduadihi, Bankura.	07.09.2019	State	Attended
16.	Author Workshop conducted by Elsevier in association with Dept. of Science and Technology, Govt. of West Bengal	The Sonnet Hotel, Salt Lake, Kolkata	02.12.2016	International	Attended
17.	NSS Organized One Day Seminar On Swami Vivekananda: Looking Into His Philosophy Of Sevadharm	NSS Department, Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly	12.03.2013	National	Attended
18.	UGC-Sponsored National Level Symposium on Pollution: Disbalancing the Global Environment, Threats and Prevention. 2011	Faculty of Science, Bolpur College, Birbhum, WB	05.03.2011 to 06.03.2011	National	Attended
19.	UGC-Sponsored National Level Conference on Climate Change: a dagger in disguise Affecting Biodiversity. 2011	Department of Zoology, TDB College, Raniganj, Bardhaman, WB	27.01.2011 to 28.01.2011	National	Attended
20.	State Level Conference on Life and Works of Acharya Prafulla Chandra Roy, a Pioneer in The Field of Chemistry and Role of Bengal Chemical in Socio-Economic Development of Rural Bengal. 2011	Department of Chemistry, Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly	25.01.2011	State	Attended

21.	National Seminar on Science and Nature: Tagore's Vision and Its Relevance. 2011	Siksha Bhavan, Visva-Bharati, Santiniketan, WB	12.03.2011 to 13.03.2011	National	Attended
22.	UGC-Sponsored National Seminar on Astronomy and Astrophysics: Birth Centenary Tribute to Subrahmanyan Chandrasekhar. 2011	Department of Physics, Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly	24.11.2011 to 25.11.2011	National	Attended
23.	UGC-Sponsored National Seminar on Revisiting Rabindranath: A Search for Understanding of His Philosophy and Work In The Present Context. 2011	Department of Bengali and English, Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly	18.08.2011 to 19.08.2011	National	Attended
24.	UGC-Sponsored National Seminar on Environmental Pollution and Its Impact On Human Health. 2011	Department of Zoology, Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly	22.12.2011 to 23.12.2011	National	Attended
25.	National Workshop on Interaction of Ionizing Radiation With Biological Systems. 2010	Department of Zoology, Visva-Bharati, Santiniketan, WB	29.03.2010 to 30.03.2010	National	Attended
26.	31 <sup>st</sup> All India Cell Biology Conference and Symposium on Stem Cells: Applications and Prospects. 2007	Department of Zoology, BHU, UP	14.12.2007 to 16.12.2007	National	Attended

### **Other Notable Activities:**

- 1. Teachers' Council Secretary (TCS)** at Raja Rammohan Roy Mahavidyalaya, Radhanagar Hooghly, West Bengal in 2015-2016 academic session.
- 2. National Service Scheme (NSS) Programme Officer** at Raja Rammohan Roy Mahavidyalaya, Radhanagar Hooghly, West Bengal from 01.07.2015 to 07.02.2017.