

GANJAM COLLEGE, GANJAM

Faculty Profile



1. **Name:** Smt. Chirasmitha Mishra
2. **Designation:** Lecturer
3. **Present Address:** Lecturer,
Department of Zoology
Ganjam College,
Ganjam-761026
Odisha
4. **Residential Address:** C/o- Uma Charan Das
Plot No. 270
Alakapuri-7th Line
Near Engineering School
Berhampur-760010
Ganjam, Odisha
5. **Mobile No. and Email:** 8895957063;
mishra.chirasmitha111@gmail.com
6. **Date of Birth:** 30.06.1989
7. **Gender:** Female
8. **Marital Status:** Married
9. **Nationality:** Indian
10. **Teaching experience:**
 - i. Worked as a guest lecturer in the Department of Zoology, SBR.Govt. (Autonomous) Women's College, Berhampur from 24th September 2011 to 29th February 2012.
 - ii. Worked as a guest lecturer in the P.G. Department of Zoology, Khallikote (Autonomous) College, Berhampur from 13th July 2012 to 14th March 2013.
 - iii. Worked as a guest lecturer in the P.G. Department of Zoology, Khallikote (Autonomous) College, Berhampur from 11th July 2013 to 15th March 2014.
 - iv. Worked as a guest lecturer in the P.G. Department of Zoology, Khallikote (Autonomous) College, Berhampur from 1st August 2014 to 28th February 2015.
 - v. Worked as a guest lecturer in Khallikote Junior College, Berhampur from 13th August 2014 to 28th February 2015.
 - vi. Worked as a guest lecturer in the P.G. Department of Zoology, Khallikote University, Berhampur from 20th July 2015 to 30th April 2016.
 - vii. Worked as a guest lecturer in the P.G. Department of Zoology, Khallikote University, Berhampur from 1st August 2016 to 30th April 2017.
 - viii. Working as a Lecturer in the Department of Zoology, Ganjam College, Ganjam, from 24th July 2017 to till now.

11. Academic Profile:

Name of Exam	Board/ University	Year of Passing	Division	Total Marks	Marks Secured	% of Marks	Subjects Taken
HSC	BSE, Orissa	2004	1 st	750	648	86.4%	Eng, M.I.L(O), Sanskrit, MTA & MTG, SCP & SCL, SSH & SSG
+2 Sc.	CHSE, Orissa	2006	1 st	900	574	63.77%	Eng, M.I.L(O), Physics, Chemistry, Biology, Math (4 th opt).
+3 Sc.	Berhampur University	2009	1 st (Hons.) with Distin.	800 (Hons) 1800 (Agg.)	647 (Hons) 1415 (Agg.)	80.87% (Hons) 78.61% (Agg.)	Eng, M.I.L(O), ISC, Env. Study, Minor Elc.:- Math, Major Elc.:- Biotech., Pass:- Chem, Hons.:- Zoology
M.Sc.	Berhampur University	2011	1 st Class 1 st	1200	1020	85%	Zoology (Spl. Paper:- Cell Physiology & Biochemistry)
M.Phil.	Berhampur University	2012	Pass	300	248	82.67%	Zoology (Dissertation:- Effect Of Gamma Radiation On Field Collected Culex Mosquitoes)
Ph.D.	North Orissa University	2017	Continue				Zoology (Effect of heavy metals on biochemical, cytological and histological parameters of <i>Channa punctatus</i> available in Tampora Lake, Ganjam, Odisha)

12. Research Activities:

- i. One year research experience on dissertation entitled “Effect Of Gamma Radiation On Field Collected Culex Mosquitoes” submitted for M.Phil degree to Berhampur University, Odisha.
- ii. One year research experience on project entitled “Community Perception Regarding Mosquito-Borne Diseases In Puri District Of Odisha State, India.” In P.G. Department of Zoology Berhampur University, Berhampur sponsored by Department of Science & Technology, New Delhi.

- iii. Continuing research on “Effect of heavy metals on biochemical, cytological and histological parameters of *Channa punctatus* available in Tampora Lake, Ganjam, Odisha” in the P.G. Department of Zoology, North Orissa University, Baripada, Odisha.

13. Area of Specialization: Cell Physiology and Biochemistry

14. Participation in Seminars/Conference/Workshops:

A. Seminars:

a. Paper Presented:

- i. Presented a paper entitled “**Assessment of Radio-Sensitivity of Field Collected *Culex quinquefasciatus* To Gamma Radiation**” in the Regional Science Congress on “Innovation in Science & Technology for Inclusive Development” under the aegis of ISCA, Bhubaneswar Chapter, organized by KIIT University & Kalinga Institute of Social Sciences on 27th & 28th January, 2014.
- ii. Presented a paper entitled “**ASSESSMENT OF HISTOLOGICAL AND CYTOGENETICAL IMPACT OF THORIUM ON *CHANNA PUNCTATUS* LINNAEUS**” (EBP-P-40) in the section of Animal, Veterinary and Fishery Sciences during the 103rd Indian Science Congress on “Science and Technology for Indigenous Development in India” held at University of Mysore, Mysuru from 3rd to 7th January, 2016.
- iii. Presented a paper entitled “**Biochemical Alteration in Liver and Muscle Tissue of *Channa punctatus* Linnaeus Exposed To Zirconium**” in the National Seminar on “Animal Science Research for Mankind: Perspective & Prospects” held at P.G. Department of Zoology, North Orissa University, Baripada on 24th & 25th March, 2017.
- iv. Presented a paper entitled “**Integrated Mosquito Management**” in the National Seminar on “Reaching the Unreached through Science & Technology” jointly Organised by Indian Science Congress Association (ISCA) Bhubaneswar Chapter & Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar on 17th & 18th December, 2017.
- v. Presented a paper entitled “**Thorium induced biochemical alterations in liver and muscle tissues of *Channa punctatus* Linnaeus**” in the National Seminar on “Advances and Challenges in Biological Sciences” sponsored by World Bank Group under OHEPEE and organised by P.G. Department of Zoology, Berhampur University, Bhanja Bihar, Berhampur, Odisha on 12th & 13th February, 2020.

b. Participated:

- i. Participated in the district level Children Science Congress, Ganjam, Odisha 2002 on the theme “**FOOD SYSTEMS TOWARDS NUTRITION FOR ALL**”.
- ii. Participated in the National Seminar on the topic “**Ecotoxicology And Human Health**” organised by P.G. Department of Zoology in collaboration with P.G. Department of Botany, Berhampur University, Berhampur, Odisha on 8th & 9th January, 2012.
- iii. Participated in the National Seminar on the topic “**Man And Environment**” organised by P.G. Department of Zoology, Berhampur University, Berhampur, Odisha on 10th & 11th June, 2012.

- iv. Participated in the U.G.C. sponsored National Seminar on the topic “**Modern Chemical Approaches on Organic Synthesis, Drug Design & Development**” organised by P.G. Department of Chemistry, Khallikote (Autonomous) College in collaboration with VITAM, Berhampur, Odisha on 8th & 9th November, 2014.
- v. Participated in the National Symposium on “**Recent Advances in Neuroscience and its application in Medical Sciences**”, organized by the Department of Zoology, School of Life Sciences, Ravenshaw University, Cuttack, Odisha, India from 13th to 14th November, 2015.
- vi. Participated in the U.G.C. sponsored Departmental seminar “**Current Trends in Zoology**”, organized by P.G. Department of Zoology, Khallikote University, Berhampur, Odisha on 24th February, 2016.
- vii. Participated in the U.G.C. sponsored National Seminar on “**Environmental Protection: Concerns and Avenues**” organized by the Stream of Science, Aska Science College, Aska (Ganjam), Odisha on 28th February, 2017.
- viii. Participated in the National Seminar on “**Environmental Sustainability & Industrial Growth**” organized by P.G. Department of Zoology, Gangadhar Meher University, Sambalpur, Odisha on 3rd & 4th March, 2017.

B. Workshops Attended:

- i. Participated in the workshop-cum-training programme on “**Biotechnology And Bioinformatics Tools And Techniques**”, sponsored by the Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi and organised by Bioinformatics infrastructure Facility Centre, Berhampur University, Berhampur, Odisha on 21st & 22nd March, 2012.
- ii. Participated in the National Workshop on “**Application Of Bioinformatics Tools & Techniques In Modern Biological Research**”, sponsored by the Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi and organised by BIF-Centre, Department of Bioinformatics, Orissa University Of Agriculture And Technology, Bhubaneswar on 22nd & 23rd March, 2013.
- iii. Participated in the National Workshop on “**Bioinformatics and Biodiversity Conservation**”, sponsored by the Department of Biotechnology, Government of India, New Delhi and organized by Ganapati Sabata Foundation at Gopalpur on Sea on 1st February, 2014.
- iv. Participated in the 95th DAE BRNS-IANCAS National Workshop on “**Nuclear Sciences and Applications of Radioisotopes**” jointly conducted by Department of Atomic Energy (DAE)- Board of Research in Nuclear Sciences (BRNS), Indian Association of Nuclear Chemists and Allied Scientists (IANCAS) & Department of Chemistry, KIIT University, Bhubaneswar, Odisha held from 15th – 20th May, 2017.
- v. Participated in the Pedagogy workshop for undergraduate Science teachers organized by Centre of Excellence in Science and Mathematics Education (COESME), IISER Pune jointly with NISER, Jatni, Odisha, Department of Biotechnology (DBT) Government of India from 27th to 29th October, 2017.

15. Research Publications in Journals:

a. Full Papers

- i. Chirasmitha Mishra, 2014. Culex mosquito borne disease lymphatic Filariasis- vector, mode of transmission, diagnosis and treatment, *Journal of Entomological Research*, 38 (3), Print ISSN: 0378-9519, Online ISSN: 0974-4576, pp. 239-244.
- ii. Chirasmitha Mishra, 2014. Culex Mosquito: Vector of Filariasis, *Odisha Review*, Vol. LXXI, No. 2-3, ISSN NO. 0970-8669, pp. 95-98.
- iii. Geetanjali Padhy, Chirasmitha Mishra, Bibhuti P. Barik, 2018. Histological Alterations In Gill Tissues Of *Anabas testiduneus* On Exposure To Heavy Metal CdCl₂, *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences*, 4 (6), DOI: 10.26479/2018.0406.25, pp. 328-334.

b. Paper In Edited Book

- i. "Lac Culture", *Application of Biology For Self Employment*, ISBN No. (81-932445-3-2) Pub. Nanda Kishore Publications, Bhubaneswar, (1st Ed.) 2nd print, 2017, pp. 95-128. (In collaboration with Dr. T.K. Barik and K.B. Bhuyan).

c. Abstracts

- i. Community perception regarding mosquito borne diseases in Gajapati district of Odisha, India, K. Bhuyan, B. Sahu, **C. Mishra** and T.K.Barik. In: National seminar on "*Man and Environment*", P.G. Department of Zoology, Berhampur University, Berhampur, Odisha, India. June 10th & 11th, 2012.
- ii. Epidemiology of malaria in Odisha state, India, B. Sahu, **C. Mishra**, K. Bhuyan, and T.K.Barik. In: National seminar on "*Man and Environment*", P.G. Department of Zoology, Berhampur University, Berhampur, Odisha, India. June 10th & 11th, 2012.
- iii. Influence of environmental temperature on adult emergence of field collected Culex mosquitoes, **C. Mishra**, K. Bhuyan, B. Sahu, and T.K.Barik. In: National seminar on "*Man and Environment*", P.G. Department of Zoology, Berhampur University, Berhampur, Odisha, India. June 10th & 11th, 2012.
- iv. Bioinformatics & Modern Biological Research, **Chirasmitha Mishra**. In: proceeding of the National Workshop "*Application Of Bioinformatics Tools & Techniques In Modern Biological Research*" sponsored by the Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi and organised by BIF-Centre, Department of Bioinformatics, Orissa University Of Agriculture And Technology, Bhubaneswar, Odisha, India. March 22nd & 23rd, 2013.
- v. Effect of Gamma Radiation at Higher Doses on Field Collected *Aedes* Mosquitoes, K. B. Bhuyan, **C. Mishra**, B. Sahu, and T.K. Barik. In: the Regional Science Congress on "*Innovation in Science & Technology for Inclusive Development*" under the aegis of ISCA, Bhubaneswar Chapter, organized by KIIT University & Kalinga Institute of Social Sciences. 27th & 28th January, 2014.
- vi. Assessment of Radio-Sensitivity of Field Collected *Culex quinquefasciatus* To Gamma Radiation, **C. Mishra**, K. B. Bhuyan, B. Sahu, and T.K. Barik. In: the Regional Science Congress on "*Innovation in Science & Technology for Inclusive Development*" under the

aegis of ISCA, Bhubaneswar Chapter, organized by KIIT University & Kalinga Institute of Social Sciences. 27th & 28th January, 2014.

- vii. ASSESSMENT OF HISTOLOGICAL AND CYTOGENETICAL IMPACT OF THORIUM ON *CHANNA PUNCTATUS* LINNAEUS, **Chirasmitha Mishra**, Cuckoo Mahapatra, Manorama Samanta. In: the section of Animal, Veterinary and Fishery Sciences during the 103rd Indian Science Congress on “Science and Technology for Indigenous Development in India” held at University of Mysore, Mysuru from 3rd to 7th January, 2016.
- viii. Evaluation of Changes in Different Climatic Factors and Their Impact on Human Communicable Diseases, **Chirasmitha Mishra**, Manorama Samanta. In: U.G.C. sponsored National Seminar on “Environmental Protection: Concerns and Avenues” organized by the Stream of Science, Aska Science College, Aska (Ganjam), Odisha on 28th February, 2017.
- ix. Screening of Traditional and Therapeutic Uses of *Ocimum tenuiflorum*, **Chirasmitha Mishra**, Cuckoo Mahapatra. In: National Seminar on “Environmental Sustainability & Industrial Growth” organized by P.G. Department of Zoology, Gangadhar Meher University, Sambalpur, Odisha on 3rd & 4th March, 2017.
- x. Biochemical alterations in liver and muscle tissues of *Channa punctatus* Linnaeus exposed to zirconium, **Chirasmitha Mishra**, Manorama Samanta, Cuckoo Mahapatra. In: National Seminar on “Animal Science Research for Mankind: Perspective & Prospects” held at P.G. Department of Zoology, North Orissa University, Baripada on 24th & 25th March, 2017.
- xi. Integrated Mosquito Management, **Chirasmitha Mishra**. In: National Seminar on “Reaching the Unreached through Science & Technology” jointly Organised by Indian Science Congress Association (ISCA) Bhubaneswar Chapter & Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar on 17th & 18th December, 2017.
- xii. Thorium induced biochemical alterations in liver and muscle tissues of *Channa punctatus* Linnaeus In: National Seminar on “Advances and Challenges in Biological Sciences” sponsored by World Bank Group under OHEPEE and organised by P.G. Department of Zoology, Berhampur University, Bhanja Bihar, Berhampur, Odisha on 12th & 13th February, 2020.

16. Extracurricular Activities Assigned:

YRC Lady Counsellor, +3 Science Tabulator

17. Key positions/ Additional responsibilities held in the college:

YRC Lady Counsellor, +3 Science Tabulator

18. Member of various bodies:

- i. Life member of Indian Science Congress Association. Membership No.: L27349.
- ii. Alumini member of P.G. Department of Zoology, Khallikote University.
- iii. Alumini member of P.G. Department of Zoology, Berhampur University.