



1.Name: Dr. Soumya Nayak

2.Qualification: M.Sc , M.Phil, Ph.D

3.Designation: Assistant Professor of Zoology

4.Email Id: soumyanayakemailid@gmail.com

5.Area of interest:

Environmental Biology, Cytogenetics, Molecular Biology, Evolutionary Biology

6. Area of research: Environmental Biology

7.Teaching Area:

- UG: Invertebrate, Vertebrate, Comparative Anatomy, Cytology, Genetics, Molecular Biology, Animal Behaviour, Immunology, Environmental Biology.
- PG: Invertebrate, Cytology, Genetics, Cytology, Economic Zoology, Immunology, Environmental Biology.

8.Total No. of Teaching Experience (Yrs):

- UG: 9 Years 3 months
- PG: 1 month

9. Research Supervision

- Completed (M.Phil./Ph.D./D.Sc./D.Litt.)

| Srl. No. | Name of the Student | Degree | University | Title of the Thesis | Date of Registration | Date of Submission | Date of Award of Degree |
|----------|---------------------|--------|------------------|--|----------------------|--------------------|-------------------------|
| 1. | | Ph.D | Utkal University | Environmental impact and management of industrial waste of a major Phosphate | 17.04.2007 | | 2012 (October) |

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|----|--|-------|------------------|--|--|--|------|
| 2. | | MPhil | Utkal University | Fertilizer Plant at Paradeep Port area in Odisha. The Diagnostic value of intraoral cytology. | | | 2003 |
|----|--|-------|------------------|--|--|--|------|

- Ongoing (M.Phil./Ph.D./D.Sc./D.Litt.)

| Srl No. | Name of the Student | Degree | University | Title of the Thesis | Date of Registration |
|---------|---------------------|--------|------------|---------------------|----------------------|
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10. Publication Profile

a) Research Articles Published:

- ❖ “Historical anomalies and altercations in enzyme activities of the earthworm *Glyphidrilus tuberosus* exposed to g concentrations of phosphogypsum” (Springer, 18 August 2018)
- ❖ “Environmental impact and management of wastes from phosphate fertilizer plants” [Journal of Industrial Pollution Control 26(1) (2010)pp 57-60]
- ❖ “Effect of phosphogypsum amendment of soil physico –chemical properties , microbial load and enzyme activities” (Journal of Environmental Biology, 2011 , 32. 613-617)
- ❖ “ Management options for utilisation of phosphogypsum” (National Conference on environmental perspectives and Challenges for 21st century, AU, Vishakapatnam, June 28-29, 2011)
- ❖ “Application of phosphogypsum in Agricultural Soil” (The Journal of solid waste Technology and Management, 2015)

b) Books Chapters Published:

c) Books Published:

d) Articles Published in Newspapers/Magazine

11. Research Projects

| Name | Department | Type (major /minor) | Name of the funding agency | Funds provided (in Rs. in lakhs) | Title of the project | Month and year of receiving grant | Duration of the project | Completed/ ongoing (Date of Completion/ expecting completion) |
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11. Paper presented in Conferences/Seminars

- National Seminar on ‘Forestry and Agriculture for Sustainable future’ (Date - 3rd – 4th December ,2016)
- National Seminar on” Sustainable Agriculture and Food security; Challenges and opportunities” (Date 29th -30th November, 2010)
- National Conference on “ Conquering impact of Climate Change On Agriculture Through Organic Farming – A global Perspective” (20th February,2011)
- International Webinar on” Porosome :The secretory Nanomachine in Cells” (Date -7th November ,2020) • National Webinar on “Vaccines for Covid-19 and ahead” (Date – 27th August, 2020)
- Faculty Development Program on “Effective Stress Management For Maximising Human Productivity”” (Date – 9th -13th June ,2021)
- Workshop on RT-PCR by MITS School of Biotechnology (Date- 16th February,2023)

12. Invited Lectures/Special Lectures/Resource persons or presentation at Conferences/Workshops

13. Awards and Distinctions

14. Association with Professional Bodies