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**VI. Academic Qualifications:** [M.Sc, B.Ed, Ph.D]→ M.Sc in Zoology (Special Paper- Entomology), The University of Burdwan, Purba Bardhaman, West Bengal, India., B.Ed in Life Science (Institute of Science Education, The University of Burdwan, Purba Bardhaman)., B.Sc (Hons) in Zoology)., Krishna Chandra College, Hetampur, Birbhum (The University of Burdwan).

Ph.D awarded from Parasitology Research Unit, Dept. of Zoology, The University of Burdwan.

**Title of the Thesis:** “STUDIES ON NEMATODE PARASITES OF SOME AMPHIBIANS AND SEMIAQUATIC REPTILES OF THE NORTHERN PLAIN OF THE AJAY RIVER IN BIRBHUM DISTRICT, WEST BENGAL”

**VII. Position Held:** Associate Professor & Head, Department of Zoology, Kulti College, Post- Kulti, Pin- 713343, District- Paschim Bardhaman, West Bengal, India.

**VIII. Professional Association:** Life Member of “The Indian Society for Parasitology”  
Life Member of “Zoological Association of Burdwan”  
Life Member of “Wesleyan Journal of Research” (ISSN: 0975-1386)

**IX. Area of Research Interest:** Biodiversity, Systematic and Molecular Helminthology.

**X. Reviewer:** i. International Research Journal “Zootaxa” (Magnolia Press, New Zealand).

ii. Journal of Helminthology, (International Research Journal) Cambridge University Press (Discipline: Helminthology).

iii. International Research Journal “Species Diversity” which is an official Journal of ‘Japanese Society of Systematic Zoology’ (the official web site linked from <http://jssz.sakura.ne.jp/index-e.html>).

iv. “Journal of Scientific Research”, Banaras Hindu University (BHU), Varanasi-221005, India.

v. “Revista Brasileira de Parasitologia Veterinária” (Brazilian Journal of Veterinary Parasitology).

**XI. Research Projects:** 1. Title of the Project: “A Survey of Frogs of Asansol Division with Special Emphasis on Nematode Parasites Harboured by Them” [UGC- Minor Research Project (Sanction No. F.PSW-033/09-10 (ERO) Date: Oct., 08, 2009]. Present Status: Completed.

2. Title of the Project: “Studies on Nematode Parasites of Some Fresh Water Fishes and Semiaquatic Vertebrates in Burdwan District of West Bengal, India” [UGC- Minor Research Project (Sanction No. F. PSW-033/15-16 (ERO) Date: 25.01.2017]. Present Status: Completed.

## XII. Published Papers in Journals:

Total number of citations: 128

h-index: 07

i-10 index: 07

- Sou, S.K. and Banerjee, S. (2021).** Scanning Electron Microscopic Study of *Aplectana duttaphryni* Sou, Sow and Nandi, 2014 from A New Frog Host, *Fejervarya limnocharis* in West Bengal. ***Bioscience Biotechnology Research Asia***, 18 (3):
- Sou, S.K. and Banerjee, S. (2021).** SEM study of cephalic region of *Tanqua tiara* and *Tanqua anomala* (Nematoda: Gnathostomatidae) from Asansol coal-field area (W.B.) India. ***Flora and Fauna***, 27 (1): 149-152. DOI: 10.33451/florafauna.v27i1pp149-152.
- Sou, S.K. and Banerjee, S. (2020).** Description of a new species of *Cosmocerca* (Nematoda: Cosmocercidae) in *Hoplobatrachus crassus* (Jerdon, 1853) (Anura, Dicroglossidae) from Asansol coal-field area, West Bengal, India. ***Zootaxa***, 4859 (2): 293–299. DOI: <https://doi.org/10.11646/zootaxa.4859.2.8>. **(Impact Factor: 0.990)** (Zoo-Bank: <http://zoobank.org/urn:lsid:zoobank.org:pub:96639E33-FAFB-4450-8565-5C9EFA452D42>).
- Sou, S.K. (2020).** Redescription of *Tanqua tiara* (von Linstow, 1879) Blanchard, 1904 (Nematoda: Gnathostomatidae) from *Varanus flavescens* (Hardwicke and Gray, 1827) (Reptilia: Varanidae) from Birbhum district, West Bengal, India. ***Journal of Parasitic Diseases***, 44 (2): 381-387. DOI: <https://doi.org/10.1007/s12639-020-01197-6>. **(Impact Factor: 0.670)**
- Sou, S.K. and Banerjee, S. (2020).** Description of *Aplectana sriniketanensis* sp. nov. (Nematoda: Cosmocercidae) from *Hoplobatrachus crassus* (Jerdon, 1853) (Anura: Dicroglossidae) from Birbhum district, West Bengal, India. ***Flora and Fauna***, 26 (1): 134-140. DOI : 10.33451/florafauna.v26i1pp134-140. (Zoo-Bank: [zoobank.org: pub:E5420435-50D1-43D1-B638-C8A4B60DEE7A](http://zoobank.org/pub:E5420435-50D1-43D1-B638-C8A4B60DEE7A)).
- Sou, S.K. and Banerjee, S. (2020).** Redescription of *Tanqua anomala* (von Linstow, 1904) Baylis, 1916 (Nematoda, Gnathostomidae) recovered in the Alimentary canal of *Xenchropis piscator* (Schneider, 1799) from West Bengal. ***Journal of Xidian University***, 14 (5): 5717-5726. DOI: <https://doi.org/10.37896/jxu14.5/618>.
- Sou, S.K. (2019).** *Meteterakis asansolensis* sp. nov. (Nematoda: Heterakidae) in *Duttaphrynus melanostictus* (Schneider, 1899) (Amphibia: Anura: Bufonidae) from Asansol Coal-field area, Paschim Bardhaman, West Bengal, India. ***Journal of Parasitic Diseases*** (Springer), 43 (2): 229-233. DOI: <https://doi.org/10.1007/s12639-018-01079-y>. **(Impact Factor: 0.670)**. (Zoo-Bank: [zoobank.org: pub:A880BA88-B08A-450C-A1C9-3B67F1602D34](http://zoobank.org/pub:A880BA88-B08A-450C-A1C9-3B67F1602D34)).
- Sou, S.K. and Banerjee, S. (2019).** Redescription of *Kalicephalus (Kalicephalus) costatus indicus* (Ortlepp, 1923) Schad, 1962 (Nematoda, Diaphanocephalidae) recovered in *Xenochropis piscator* (Schneider, 1799) (Reptilia, Squamata, Colubridae) from West Bengal, India. ***International Journal of Emerging Technologies and Innovative Research***, 6 (4): 1079-1087.
- Sou, S.K., Sow, K.K. and Nandi, A.P. (2019).** Description of a new species of *Rhabdias* Stiles and Hassall, 1905 (Nematoda, Rhabdiasidae) in *Duttaphrynus melanostictus* (Schneider, 1899) from West Bengal, India. ***Acta Parasitologica*** (Springer), 64 (1): 171-175. DOI: <https://doi.org/10.2478/s11686-018-00018-4>. **(Impact Factor: 0.968)** (Zoo-Bank: [zoobank.org: pub:3E0F0509-D448-4F5F-8742-24B17567ACDE](http://zoobank.org/pub:3E0F0509-D448-4F5F-8742-24B17567ACDE)).
- Sou, S.K. (2019).** Morphology of *Aplectana macintoshii* (Stewart, 1914) Travassos, 1931 (Nematoda: Cosmocercidae) from *Hoplobatrachus crassus* (Jerdon, 1853) and *Hoplobatrachus tigerinus* (Daudin, 1803) in Birbhum district, West Bengal. ***Wesleyan Journal of Research***, 11 (1): 9-19.
- Sou, S.K. and Sow, K.K. (2019).** Occurrence of *Aplectana macintoshii* (Stewart, 1914) Travassos, 1931 (Nematoda: Cosmocercidae) in Indian skipper frog, *Euphlyctis cyanophlyctis* (Anura: Dicroglossidae) at Raniganj

town, Asansol, Paschim Bardhaman, West Bengal. *Proceedings of the Zoological Society* (Springer). 72 (3): 313–317. DOI: <https://doi.org/10.1007/s12595-018-0275-x>.

12. **Sou, S.K.**, Sow, K.K. and Nandi, A.P. (2019). Redescription of *Cosmocerca ornata* (Dujardin, 1845) Diesing, 1861 (Nematoda: Cosmocercidae) from frogs of West Bengal, India. *Proceedings of the Zoological Society* (Springer). 72 (4): 372–379. DOI: <https://doi.org/10.1007/s12595-018-0279-6>.

13. **Sou, S.K.**, Sow, K.K. and Nandi, A.P. (2018). *Camallanides prashadi* Baylis and Daubney, 1922 (Nematoda, Camallanidae) in *Xenchropis piscator* (Schneider, 1799) (Reptilia, Squamata) and discussion on the synonymy of *Camallanides piscatori* Khera, 1954 from West Bengal, India. *Journal of Parasitic Diseases* (Springer), 42 (3): 365–371. DOI: <https://doi.org/10.1007/s12639-018-9>. (Impact Factor: 0.670)

14. **Sou, S.K.**, Sow, K.K. and Nandi, A.P. (2018). *Aplectana hoplobatrachus* sp. nov. (Nematoda: Cosmocercidae) in *Hoplobatrachus crassus* (Jerdon, 1853) (Anura: Dicroglossidae) from Birbhum District, West Bengal, India. *Zootaxa*, 4472 (1): 194–200. DOI: <https://doi.org/10.11646/zootaxa.4472.1.12>. (Impact Factor: 0.990) (Zoo-Bank: <http://zoobank.org/urn:lsid:zoobank.org:pub:86BCC751-C689-4E19-8F9C-52FD884CB2C7>).

15. **Sou, S.K.**, Sow, K.K. and Nandi, A.P. (2018). *Cosmocerca bengalensis* sp. nov. (Nematoda: Cosmocercidae) from *Hoplobatrachus tigerinus* (Daudin, 1803) (Amphibia, Anura, Dicroglossidae) from West Bengal, India. *Acta Parasitologica (De Gruyter)*, 63 (4), 715–720. DOI: <https://doi.org/10.1515/ap-2018-0084>. (Impact Factor: 0.968) (Zoo-Bank: <urn:lsid:zoobank.org:pub:EBEBCF7B-770F-4F5A-8614-D855DFBAD077>).

16. **Sou, S.K.** and Bursey, C.R. (2017). First report of *Seuratascaaris numidica* Seurat, 1917 (Nematoda: Ascarididae) and other helminths from amphibians of West Bengal, India. *Journal of Parasitic Diseases* (Springer), 41 (1): 292–294. DOI: <https://doi.org/10.1007/s12639-016-0751-z>. (Impact Factor: 0.356)

17. **Sou, S.K.** and Nandi, A.P. (2015). *Aplectana dubrajpur* sp. nov. (Nematoda: Cosmocercidae) in *Hoplobatrachus tigerinus* (Anura: Dicroglossidae) from Dubrajpur, Birbhum, West Bengal, India. *Acta Parasitologica, (De Gruyter)*, 60 (3): 75–79. DOI: <https://doi.org/10.1515/ap-2015-0059>. (Impact Factor= 0.965) (Zoo-Bank: <urn:lsid:zoobank.org:pub:770948D8-59BB-4263-A415-B48921180E30>).

18. **Sou, S.K.** and Nandi, A.P. (2015). On a new species of *Cosmocerca* (Nematoda: Cosmocercidae) from *Microhyla rubra* (Anura: Microhylidae) from West Bengal, India. *Acta Parasitologica, (De Gruyter)*, 60 (2): 261–265. DOI: <https://doi.org/10.1515/ap-2015-0037>. (Impact Factor= 0.965) (Zoo-Bank: <urn:lsid:zoobank.org:act:A7D498A5-0CF5-47A9-824F-C16FAD2B1956>).

19. **Sou, S.K.** (2015). Parasitic Nematode Communities in the Anuran Amphibians from Birbhum District of West Bengal. *Wesleyan Journal of Research*, 8 (1): 19–23.

20. **Sou, S.K.**, Sow, K.K. and Nandi, A.P. (2014). On a new species of *Aplectana* (Nematoda, Cosmocercidae) from Kulti, Burdwan, West Bengal, India. *Acta Parasitologica, (Versita)*, 59 (4): 694–697. DOI: <https://doi.org/10.2478/s11686-014-0295-2>. (Impact Factor= 0.951) (Zoo-Bank: <urn:lsid:zoobank.org:act:8E69C351-BFC4-4C46-A7C3-784052EEB1EA>).

21. Mondal, R.P., Dutta, T.K. and **Sou, S.K.** (2014). Current Status and Possible Causes of Reptile's Decline. *International Research Journal of Environmental Sciences*, 3 (9): 75–79.

22. **Sou, S.K.**, Chakraborty, S. and Neogi, L.N. (2013). Role of Pheromone in Agricultural Pest Management. *Journal of Panchakot Essays*, 4 (1): 11–16.

23. **Sou, S.K.** and Nandi, A.P. (2011). Occurrence of Some Amphibian and Reptilian Nematode Parasites from Birbhum District, West Bengal, India. *Wesleyan Journal of Research*, 4 (1): 69–76.

24. Gorai, D. and **Sou, S.K.** (2011). Antibacterial Activity of Some Medicinal Plants Available in Panchet & Panchakot Hills, Purulia, West Bengal. *Journal of Panchakot Essays*, 2 (1): 282–286.

25. **Sou, S.K.** and Nandi, A.P. (2011). Frog Diversity in Asansol Division, West Bengal and its Possible Causes of Decline. *Journal of Environment & Sociobiology*, 8 (1): 157-159.

**XIII. Book Edited as an Editor:** “Recent Trends in Zoology with Special Emphasis on Animal Diversity, Fisheries & Genetics” (Reference Book), ISBN: 978-93-80663-52-4 (National Level).

**XIV. Book Written as Author:** Self Learning Material (HZO: ZOOLOGY) (Developmental Biology) (CC-Zoo-10) as per CBCS Syllabus (Netaji Subhas Open University): Undergraduate Degree Programme (August, 2022). Printed in accordance with the regulations of the Distance Education Bureau of the University Grants Commission (UGC).

**XV. Presentations in Seminars/Workshops:** 1. West Bengal Biodiversity Board Sponsored **National Level Seminar** on “**Biodiversity Conservation and Bio-Resource Management: Benefitting Man and Nature**” organized by Dept. of Zoology and Dept. of Botany held on 11<sup>th</sup> December, 2018.

2. “2<sup>nd</sup> **Regional Science & Technology Congress**” organized by The University of Burdwan and Department of Higher Education, Govt. of West Bengal held on 16<sup>th</sup> & 17<sup>th</sup> November, 2017. **Oral presentation-** “On a new species of *Aplectana* (Nematoda: Cosmocercidae) in *Euphlyctis cyanophlyctis* (Amphibia: Anura) from Asansol, Paschim Bardhaman, West Bengal, India”.

3. UGC Sponsored **National Level Seminar** on “Spare the Nature; Make the Earth Green” organized by Dept. of Zoology, Sonamukhi College, Sonamukhi, Bankura held on 5<sup>th</sup> & 6<sup>th</sup> January, 2017. **Oral Presentation-** “Amphibian Diversity in West Bengal”.

4. West Bengal Biodiversity Board Sponsored **National Seminar** on “Exploring The Modern Approach in Biological Science: From Genome to Organism (Chapter- II)” organized by Dept. of Zoology, Sidho-Kanho-Birsa University, Purulia held on 21<sup>st</sup> & 22<sup>nd</sup> February, 2017. **Oral Presentation-** Redescription of *Aplectana macintoshii* (Stewart, 1914) Travassos, 1931 (Nematoda: Cosmocercidae) from amphibian of West Bengal”.

5. UGC Sponsored **State Level Seminar** on “Challenges of Higher Education: Role of the IQAC” organized by IQAC, Asansol Girl’s College, Asansol held on 19<sup>th</sup> April, 2017. **Oral Presentation-** “Departmental Role during NAAC visit”.

6. “1<sup>st</sup> **Regional Science & Technology Congress**” organized by Bankura Christian College, Bankura and Department of Higher Education, Govt. of West Bengal held on 7<sup>th</sup> & 8<sup>th</sup> November, 2016. **Oral Presentation-** “First Report of *Seuratascaris numidica* Seurat, 1917 (Nematoda: Ascarididae) and other helminths from amphibians at Kulti, West Bengal”.

7. UGC Sponsored **State Level Seminar** on “Effective College Administration “(Good Governance for Principals and Enhancement of Initiative for Competence Building in Office, Library and Other Departments” organised by Kulti College, Kulti held on 10<sup>th</sup> & 11<sup>th</sup> December, 2016. **Oral Presentation-** “Role of IQAC during NAAC visit”.

8. DST Sponsored **International Seminar** on “Exploring The Modern Approach in Biological Science: From Genome to Organism” organized by Dept. of Zoology, Sidho-Kanho-Birsa University, Purulia held on 25<sup>th</sup> & 27<sup>th</sup> November, 2015. **Oral Presentation-** A revision of the Genus- *Cosmocerca* (Diesing, 1861) (Nematoda: Cosmocercidae) from India”.

9. **21<sup>st</sup> West Bengal State & Technology Congress- 2014** organized by The University of Burdwan on 20<sup>th</sup> & 21<sup>st</sup> February, 2014. **Oral Presentation-** “A New species of the Genus *Aplectana* from Kulti, Burdwan, West Bengal”.

10. DST Sponsored **State Level Seminar** on “Impact of Pollution: Assessment and Awareness” organized by Dept. of Zoology, Hooghly Women’s College, Hooghly, Chinsurah, West Bengal held on 14<sup>th</sup> & 15<sup>th</sup> February, 2014. **Oral Presentation-** “Amphibians as Bioindicators: A Report”.

11. UGC-DRS sponsored **National Seminar** on “Bioprospecting of Natural Products” organized by Dept. of Zoology, Burdwan University held on 5<sup>th</sup> & 6<sup>th</sup> December, 2013. **Oral Presentation-** “Studies on some Amphibian Nematodes”.

12. UGC Sponsored **National Level Seminar** on “Promoting Bio-control Agents for Human Well-Being” organized by Dept. of Zoology, Bankura Christian College, Bankura held on 11<sup>th</sup> & 12<sup>th</sup> January, 2012. **Oral Presentation-** “Role of Pheromone in Agricultural Pest Management”.

13. UGC Sponsored **National Level Seminar** on “Climate Change: A Dagger in Disguise Affecting Biodiversity” organized by Dept. of Zoology, TDB College, Raniganj held on 27<sup>th</sup> & 28<sup>th</sup> January, 2011. **Oral Presentation-** “Diversity of Butterfly in Panchakot Hill, Purulia”.

14. UGC Sponsored **National Level Seminar** on “Recent Trends in Zoology with Special Emphasis on Animal Diversity, Fisheries and Genetics” organized by Dept. of Zoology, Kulti College, Kulti held on 28<sup>th</sup> & 29<sup>th</sup> November, 2011. **Oral Presentation-** “Nematode Parasites of Asiatic Water Snake, *Xenochropis piscator* (Schneider, 1799) from Birbhum District, West Bengal, India”.

15. UGC Sponsored **National Level Seminar** on “Biodiversity Conservation Scenario in India” organized by Dept. of Zoology, Bankura Christian College, Bankura held on 24<sup>th</sup> & 25<sup>th</sup> September, 2010. **Oral Presentation-** “Biodiversity of Some Frogs in Asansol Division and their Possible Causes of Decline”.

16. Golden Jubilee **International Seminar** on “Researches in Zoology- Basic and Applied” organized by Dept. of Zoology, Burdwan University held on 17<sup>th</sup> & 9<sup>th</sup> March, 2010. **Oral Presentation-** “Nematode Parasites of Bullfrog, *Hoplobatrachus crassus* from Kulti- Barakar Region”

17. UGC Sponsored **National Level Seminar** on “Global warming & Climate Change: Issues and Challenges” organized by IQAC, Suri Vidyasagar College, Suri, Birbhum held on 20<sup>th</sup> & 21<sup>st</sup> November, 2010. **Oral Presentation-** “The Climate Change: A Biggest Threat to Amphibian Decline”

18. UGC Sponsored **State Level Seminar** on “Sustainable Development and Biodiversity Conservation” organized by Dept. of Zoology, Sonamukhi College, Bankura held on 17<sup>th</sup> & 18<sup>th</sup> March, 2009. **Oral Presentation-** “Pheromone: A Potential Pesticide for Sustainable Development of Agriculture”

19. UGC Sponsored **National Level Seminar** on “Ethnozoology and Human Welfare” organized by Dept. of Zoology, Bankura Christian College held on 26<sup>th</sup> & 27<sup>th</sup> September, 2008. **Oral Presentation-** “Mollusca and its importance on Human Society”.

**XVI. Participations in Seminars/Workshops:** 1. Participated in “**Yuva Divas**” on the occasion of **150<sup>th</sup> Birth Ceremony of Swami Vivekananda** organized by the NSS department of the University of Burdwan held on 26<sup>th</sup> February, 2012.

2. Participated in a crash course of **Post Accidental Precautions “First-Aid”** held at Kulti College, Kulti organized by NSS units of Kulti College, Kulti held on 29<sup>th</sup> November, 2011.

3. Participated in **National Seminar cum Exposition** on Modern Microscope and Their Applications organized by USIC, Burdwan University held on 8<sup>th</sup> & 9<sup>th</sup> April, 2010.

4. Participated in one day University **Workshop** on “**Gender Inequality in Education and the Role of NSS**” at Kulti College, Kulti held on 27<sup>th</sup> January, 2010.

5. Participated in one day University **Seminar** on the occasion of 150<sup>th</sup> Birth ceremony of “**Acharya Prafulla Chandra Roy**” organized by NSS department of the University of Burdwan held on 24<sup>th</sup> December, 2010.

6. Participated in one day University **Workshop** on “**Human Rights**” organized by the NSS unit of the University of Burdwan, on the Human Rights day held on 10<sup>th</sup> December, 2009.

7. Participated in **Two- Day Workshop** on “Role of Mollusca on Human Welfare” organized by **Zoological Survey of India**, Headquarters, Kolkata held on 21<sup>st</sup> & 22<sup>nd</sup> May, 2007 under **All India Co-ordinated Project on Taxonomy (AICOPTAX): Mollusca**.

8. Participated in **National Seminar** on “Molecules to Man” organized by Dept. of Zoology, Burdwan University held on 24<sup>th</sup> & 25<sup>th</sup> February, 2005.

9. Participated in a “**Training Course on Crop & Vegetable Pests & Integrated Pest Management**” organized by The Zoological Society, Calcutta and Ramkrishna Ashram Krishi Vigyan Kendra, Nimpith (**Recognized by the Indian Council of Agricultural Research, New Delhi**) held on 20<sup>th</sup> & 23<sup>rd</sup>, March, 2002.

**XVII. Participation in Orientation/Refresher/Winter or Summer School/STC etc. courses:**

Sl. No.	Name of the Course	Organized by	Duration
1	73 <sup>rd</sup> Orientation Programme	UGC-ASC, The University of Burdwan	04.12.2009 to 31.12.2009
2	21 <sup>st</sup> Refresher course in Environmental Sciences	UGC-ASC, The University of Burdwan	22.09.2012 to 12.10.2012
3	Winter School in Environmental Science and Earth	UGC-HRDC, The	30.01.2018 to

	Sciences	University of Burdwan	19.02.2018
4	<b>Workshop on “Remote Sensing and GIS”</b>	UGC-HRDC, The University of Burdwan	12.03.2019 to 19.03.2019
5	<b>STC on “Health and Stress: Problem &amp; Remedies”</b>	UGC-HRDC, The University of Burdwan	18.02.2020 to 24.02.2020

**XVIII. Any other information:** First Class 3<sup>rd</sup> rank in **M.Sc.**, (2000-2002); Post Graduate Department of Zoology, The University of Burdwan, West Bengal, India. Qualified **UGC- SLET** Examination (WBCSC).

**(Updated: 28<sup>th</sup> May, 2024)**