



**I. Name:** DR. SUJAN KUMAR SOU

**II. Designation:** Assistant Professor in Zoology

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**IV. Academic Qualifications:** M.Sc, B.Ed, Ph.D

**M.Sc in Zoology** (Special Paper- Entomology)

Burdwan University, Purba Bardhaman, West Bengal, India

**B.Ed in Life Science**

Institute of Science Education, Burdwan University, Purba Bardhaman, West Bengal

**B.Sc (Hons) in Zoology**

Krishna Chandra College, Hetampur, Birbhum

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

**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"

**V. Position Held:** Assistant Professor (Stage- III) & Head

Department of Zoology

Kulti College, Post- Kulti, Pin- 713343

District- Paschim Bardhaman, West Bengal, India

**VI. 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)

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

#### **VIII. 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: On-going.**

## IX. Published Papers in Journals:

Total no. of citations: 30

h-index: 03

i-10 index: 01

1. 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 10.1007/s12639-018-01079-y (Impact Factor: 0.58).**
2. 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: 10.2478/s11686-018-00018-4 (Impact Factor: 1.121).**
3. 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.**
4. Sou,S.K. and Sow,K.K. (2018). 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)*. DOI: 10.1007/s12595-018-0275-x**
5. Sou,S.K., Sow,K.K. and Nandi,A.P. (2018). Redescription of *Cosmocerca ornata* (Dujardin, 1845) Diesing, 1861 (Nematoda: Cosmocercidae) from frogs of West Bengal, India. ***Proceedings of the Zoological Society (Springer)*. DOI: 10.1007/s12595-018-0279-6**
6. Sou,S.K., Sow,K.K. and Nandi,A.P. (2018). *Camallanides prashadi* Baylis and Daubney, 1922 (Nematoda, Camallanidae) in *Xenochopis 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: 10.1007/s12639-018-9 (Impact Factor: 0.58).**
7. 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: 10.11646/zootaxa.4472.1.12 (Impact Factor: 0.931).**
8. 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: 10.1515/ap-2018-0084 (Impact Factor: 1.121).**
9. Sou,S.K. and Bursey,C.R. (2017). First report of *Seuratascaris numidica* Seurat, 1917 (Nematoda: Ascarididae) and other helminths from amphibians of West Bengal, India. ***Journal of Parasitic Diseases (Springer)*, 41 (1): 292-294. DOI: 10.1007/s12639-016-0751-z (Impact Factor: 0.58).**
10. Sou,S.K. and Nandi,A.P. (2015). *Aplectana dubrajpuri* sp. nov. (Nematoda: Cosmocercidae) in *Hoplobatrachus tigerinus* (Anura: Dicroglossidae) from Dubrajpur, Birbhum, West Bengal, India. ***Acta Parasitologica, (De Gruyter)*, 60 (3): 75-79. DOI: 10.1515/ap-2015-0059 (Impact Factor= 1.121)**
11. 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: 10.1515/ap-2015-0037 (Impact Factor= 1.121)**
12. 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.**

13. **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: 10.2478/s11686-014-0295-2 (Impact Factor= 1.121).
14. 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.
15. **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.
16. **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.
17. 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.
18. **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.

#### X. Book Edited as an Editor:

Sl. No.	Title of the book	Type of Book & Authorship	Publisher ISSN/ISBN No.
1	"Recent Trends in Zoology with Special Emphasis on Animal Diversity, Fisheries & Genetics"	<b>Reference Book</b>  <b>As an Editor</b>	ISBN: 978-93-80663-52-4  <b>National</b>

#### XI. 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 Bioindicator: 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”.

## **XII. 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.

**XIII. 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> <b>Orientation Programme</b>	UGC-ASC, Burdwan University	04.12.2009 to 31.12.2009
2	21 <sup>st</sup> <b>Refresher course</b> in Environmental Sciences	UGC-ASC, Burdwan University	22.09.2012 to 12.10.2012
3	<b>Winter School</b> in Environmental Science and Earth Sciences	UGC-HRDC, Burdwan University	30.01.2018 to 19.02.2018

**XIV. Special Training Courses/Camp Attended as NSS Programme Officer:**

Sl. No.	Name of the Course	Organized by	Duration
1	9 <sup>th</sup> <b>Orientation Course</b>	Empanelled Training Institution, Ramkrishna Mission Ashrama, Narendrapur, Kolkata- 700103	17.09.2017 to 23.09.2017 (at Raniganj Girl's College, Raniganj)
2	<b>Orientation/Refresher Course</b>	Training Orientation & Research Centre, Ramkrishna Mission Ashrama, Narendrapur, Kolkata- 700103	01.03.2012 to 06.03.2012 (at Burdwan University)
3	<b>Inter College NSS Camp (7 days)</b>	The University of Burdwan & Raniganj Girl's College, Raniganj	14.03.2013 to 20.03.2013
4	<b>Inter College NSS Camp (7 days)</b>	The University of Burdwan & Asansol Girl's College, Raniganj	26.11.2010 to 01.12.2010

**XV. Any other information:** First Class 3<sup>rd</sup> rank in **M.Sc** in the University of Burdwan (2000-2002).

Qualified **UGC- SLET** Examination (WBCSC).

**(Updated: July, 2019)**