

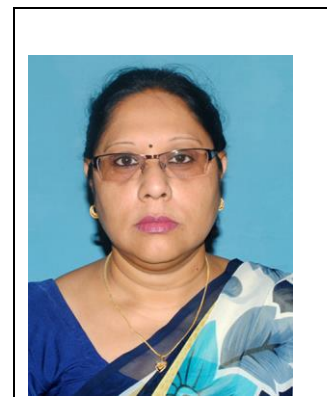
## Faculty Profile (Template for BGC WEBSITE)

**Name :** Dr. Sumana Saha

**Email :** sahasumana2010@gmail.com

**Designation :** Associate Professor & Head

**Department:** Post Graduate Department of Zoology  
Barasat Government College



**Education Qualification: (Institutional Details) :** M.Sc., B.Ed., Ph.D.

PhD.: 1996 : University of Calcutta

B.Ed. : 1991 : University of Calcutta [Acharya Jagadish Chandra Bose College]

M.Sc./M.A.: 1989 : University of Calcutta

B.Sc./ B.A.: 1987 : University of Calcutta [Presidency College]

**Teaching Experience: 20 years**

College	Post	Department	from	to	Teaching Experience
Lady Brabourne College, Govt. of West Bengal, P1/2, Suhrawardy Avenue, Kolkata – 700017.	Permanent post (Full time) Lecturer (W.B.E.S.) (1997-2000) Senior Lecturer (2000-2005) Reader/Associate Professor (2005-2012)	Department of Zoology	23.08.1997	31.01.2012	U.G Hons. and General classes in Zoology
Darjeeling Govt. College, Lebong Cart Road, Darjeeling- 734101. West Bengal	Permanent post (Full time) Associate Professor (W.B.E.S)	P.G. Department of Zoology	02.02.2012	01.02.2016	U.G Hons. and General classes in Zoology and P.G (M.Sc.) classes in Zoology
Barasat Govt. College, 10, K.N.C.Road, Barasat, Kolkata-700124	Permanent post, (Full time) Assistant Professor (W.B.E.S)	P.G. Department of Zoology	04.02.2016	Till date	U.G Hons. and General classes in Zoology and P.G (M.Sc.) classes in Zoology

**Specialization:** Zoology : Entomology

**Research Experience: 26 years**

1. Junior Research Fellow –CSIR (1990-1992) at Entomology Laboratory, Department of Zoology, University of Calcutta
2. Senior Research Fellow – CSIR (1992-1995) at Entomology Laboratory, Department of Zoology, University of Calcutta
3. Post Doctoral Research (1995-2015) : at Entomology Laboratory, Department of Zoology, University of Calcutta
4. Post Doctoral Research (2016-till date) : at IRDM Faculty Centre, Department of Agricultural Biotechnology, Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata

**Research Interests :** Taxonomy, Biodiversity, Ecology & Biology of insects & spiders of agricultural crops / forest trees.

**Grants received :**

**As Principal Investigator**

Title of the Project	Funding agency	Duration	Total outlay (Rs.)
1. Diversity Assessment of Round Headed Borers (Cerambycidae : Coleoptera) of Dooars, West Bengal	UGC (Regional Office, Kolkata)	2 years (2008-2010)	Rs. 86,500/-
2. Spiders (Araneae : Arachnida) of Tea Ecosystem of Assam	UGC (Regional Office, Kolkata)	2 years (2012-2014)	Rs. 1,70,000/-

**As Co-Investigator/Technical Supervisor**

Title of the Project	Funding Agency	Duration	Collaboration if any	Total outlay (Rs.)
1. Insect Faunal Diversity of Jaldapara Wildlife Sanctuary	UGC, New Delhi	3 years (2001-2004)	With Prof. D. Raychaudhuri, Entomology	3,32,560/-

			Laboratory, Dept. of Zoology, University of Calcutta	
2. Insect Faunal Diversity of Buxa Tiger Reserve, Jalpaiguri, West Bengal.	MOEF, GOI, New Delhi	3 years (2001-2004)	Do	11,64,674/-
3. Studies on the Borers Attacking Shade Trees of Tea Plantations.	NTRF, C/o Tea Board, Kolkata	3 years (2002-2005)	Do	11,14,840/-
4. Inventorising the Spiders as Bioresource of Dooars & Darjeeling District of West Bengal.	DBT, GOI, New Delhi	3 years 6 months (2006-2010)	Do	14,33,000/-
5. Assessment of Spiders as Second Order of Bio-control Agents in Tea Ecosystem with special reference to Assam and Dooars of West Bengal.	NTRF, C/o Tea Board, Kolkata	3 years (2008-2011)	Do	13,21,640/-
6. Assessment & Documentation of Faunal Diversity of Buxa Tiger Reserve : Insects & Spiders.	West Bengal Biodiversity Board, GOWB	2 years (2009-2011)	Do	6,42,000/-
7. Survey on the incidence of insect pests and predators including spiders in Tea Plantations.	Tea Board, Ministry of Commerce & Industry, Dept. of Commerce, GOI	XIth – XIIth plan period	With Prof. D. Raychaudhuri, Entomology Laboratory, Dept. of Zoology, University of Calcutta & Dr. A. Basu Majumder, Research Officer, Tea Board	2,00,000/- for every 6 months

8. Exploration of spiders (Arachnida : Araneae) of eastern Himalaya  under All India Coordinated Project on Capacity Building in Taxonomy (AICOPTAX)	MOEF, GOI, New Delhi	3years (2014-2017)	With Prof. D. Raychaudhuri,  (Ex Professor, Dept. of Zoology, University of Calcutta, Kolkata) Honorary Professor, Dept. of Agricultural Biotechnology, IRDM Faculty Centre, Ramakrishna Mission Vivekananda University, Narendrapur, Kolkata.	55,41,260/-
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**No. of Publications :** 141 (**Annexure : I**)

**Books with ISBN No. :** 9 (International : 4; National : 5]

**No. of Research Papers :** 122 (International :46; National :76)

**General Articles :** 10

**Awards & Achievements:**

\***Invertebrate Specialist** – ‘ZOO Outreach Organisation’, Coimbatore/CBSG, India & South Asia (2001).

\***Spider Specialist** – ‘International Society of Arachnology (ISA), Paris, France (2003).

\***Taxon Editor** – ‘National Chemical Laboratory for Biodiversity Informatics, Pune (2004).

\***Book Reviewer** – West Bengal Council of Higher Secondary Education (2005).

\***Advisor** of the Interview Board in Staff Selection Commission, GOI (Eastern Region) (2010 & 2011).

\***Technical Supervisor**, All India Coordinated Project On Taxonomy (AICOPTAX), Mins. Env.& Forests, GOI.

\***Participated in 11<sup>th</sup> Conference of the Parties to the Convention on Biological Diversity (COP 11)** held at Hyderabad from Oct.1-19, 2012.

\*Received prestigious “**Science Excellence Award 2015**” of Foundation for Science and Environment for contribution in the field of **Science Education and Research**.

\*Received prestigious “**J. L. Bhaduri Memorial Medal for Excellence in Research 2015-16**” from Zoological Society, Kolkata.

\*Received prestigious “**National Teaching Excellence Award 2016**” from International Benevolent Research Foundation, Kolkata in association with Confederation of Indian Universities, New Delhi.

\*Received prestigious “**Pearl Foundation Best Women Associate Professor Award 2016**” from Pearl – A Foundation For Educational Excellence, Madurai, Tamil Nadu, India in recognition of outstanding contributions in the field of Zoology in India

**No. of Conferences/seminars attended: (Last 5 years) :**

<b>Sl. No.</b>	<b>Title of the Paper Presented</b>	<b>Title of Conference/ Seminar</b>	<b>Organized by</b>	<b>Whether International/ National/State/ Regional/ College/or University Level</b>	
1.	Translating Taxonomic Database into Practice : Spider As a Model	Second Indian Biodiversity Congress (IBC 2012)	Indian Institute of Science, Bangalore, December, 9-11, 2012	National	
2.	Diversity spectrum of litter and ground dwelling spiders of reserve forests of Dooars, West Bengal.	Biodiversity and Livelihood	West Bengal Biodiversity Board, January, 16-18, 2014	National Conference	
3.	Spider faunal diversity of tea ecosystem of Dooars, West Bengal. Biodiversity and Livelihood	Biodiversity and Livelihood	West Bengal Biodiversity Board, Kolkata. January, 16-18, 2014	National Conference	
4.	Diversity spectrum of scarab beetles	Biodiversity and Livelihood	West Bengal Biodiversity	National Conference	

	(Scarabaeidae : Coleoptera) of Buxa Tiger Reserve		Board, Kolkata. January, 16- 18, 2014		
5.	Biodiversity of longicorn beetles (Coleoptera : Cerambycidae) of Dooars, West Bengal	Biodiversity and Livelihood	West Bengal Biodiversity Board, Kolkata. January, 16- 18, 2014	National Conference	
6.	Diversity Study on Ruteline Beetles (Scarabaeidae : Coleoptera of Buxa Tiger Reserve (BTR), Dooars, West Bengal, India	Environment and Ecology (ICEE)	Foundation for Science and Environment, Kolkata, Scientific and Environmental Research Institute, Kolkata & Indian Institute of Ecology and Environment, New Delhi In association with Confederation of Indian Universities, Indira Gandhi Technological and Medical Sciences University & The Global Open University, Nagaland, March 2-4, 2015, Kolkata	International Conference	

7.	Dung beetles of Dooars : A subservient to humankind	Natural Resources, Diversity and Sustainable Development	Dept. of Zoology, University of North Bengal in Association with Foundation for Science and Environment, Kolkata in Collaboration with West Bengal Biodiversity Board, December 11-12, 2015	National Conference	
8.	On the diversity of flower beetles (Scarabaeidae : Coleoptera) of Buxa Tiger Reserve (BTR), West Bengal, Dooars, India.	Environment and Ecology	Bharathiar University, Coimbatore  March 7-9, 2016	2 <sup>nd</sup> International Conference	
9.	Spider fauna of Meghalaya, India.	Biodiversity : Exploration, Exploitation, Conservation and Management – Vision and Mission	Barasat Govt. College in collaboration with The Zoological Society, Kolkata & West Bengal Biodiversity Board, November 19-20, 2016	National	

10.	A study on the visiting profile of Lycaenids to their common host plants as potential pollinators	Biodiversity Exploration, Exploitation, Conservation and Management Vision and Mission	:	Barasat Govt. College in collaboration with The Zoological Society, Kolkata & West Bengal Biodiversity Board, November 19-20, 2016	National	
11.	Affirming length of body or part/s thereof as a determinant of capture area of spider web	Biodiversity Exploration, Exploitation, Conservation and Management Vision and Mission	:	Barasat Govt. College in collaboration with The Zoological Society, Kolkata & West Bengal Biodiversity Board, November 19-20, 2016	National	
12.	Faunistic records of click beetles (Elateridae : Coleoptera) from tea gardens of Darjeeling, West Bengal, India	Biodiversity Exploration, Exploitation, Conservation and Management Vision and Mission	:	Barasat Govt. College in collaboration with The Zoological Society, Kolkata & West Bengal Biodiversity Board, November 19-20, 2016	National	



## Annexure – I

### List of Publications

#### A. Books

1. Lamiids of Laos : A translated version of ‘Lamiines due Laos’ by J.A. Rondon and S. von Breuning (from French). **2002**. Publ. Zool. Soc., Calcutta, pp. 238 (with D. Raychaudhuri).
2. Insects attacking shade trees of Tea Plantations in the Dooars & Darjeeling **2008**. Publ. National Tea Research Foundation, C/o Tea Board, Kolkata, pp. 60. (with D. Raychaudhuri).
3. Report on the visit to the State Poultry Farm, Govt. of West Bengal, Tollygunge, Kolkata. **2011** : Under the “Centre with Potential of Excellence” Scheme (XIth Plan), sponsored by UGC, New Delhi, pp 14.
4. Spiders-A Potential Component In Tea Pest Management. **2012**. Publ. National Tea Research Foundation, C/o Tea Board, Kolkata, pp. 93 (with D. Raychaudhuri, T. K. Roy & D.C. Dhali).
5. Atlas of Insects and Spiders of Buxa Tiger Reserve. **2014**. Publ. West Bengal Biodiversity Board and Nature Books India, Kolkata: 357pp. [ISBN : 9382258124] (with D. Raychaudhuri).
6. Spiders (Araneae : Arachnida) of Tea Ecosystem of Assam. **2015**. Publ. LAP Lambert Academic Publishing, Germany, 192pp. [ISBN : 978-3-659-49985-2] (with D. Raychaudhuri).
7. Spiders (Araneae: Arachnida) of Reserve Forests of Dooars: Gorumara National Park, Chapramari Wildlife Sanctuary and Mahananda Wildlife Sanctuary. **2015**. Publ. World Scientific News, Poland, 20 : 339pp [EISSN : 2392-2192] (with D. Raychaudhuri, S. Sen and D. C. Dhali).
8. Spiders : A Proficient Candidate in Practicing IPM for Darjeeling Tea. **2016**. Publ. World Scientific News, Poland, 38 : 62pp [EISSN : 2392-2192] (with D. Raychaudhuri and T.K. Roy).
9. Litter and ground dwelling spiders (Araneae: Arachnida) of reserve forests of Dooars, West Bengal. **2017**. Publ. World Scientific News, Poland, 63 : 242pp [EISSN : 2392-2192] (with D. Raychaudhuri and D.C. Dhali).

#### B. Papers :

##### 1992

1. Dynamics of *Aphis gossypii* Glover infesting chilli and sunflower in West Bengal. *Proc. Zool. Soc. Calcutta*, 45 (Suppl.A) : 411-419 (with S. Dasgupta and D. Raychaudhuri). [ISSN : 0373-5893]

##### 1994

2. Heteropodidae and Lycosidae of Buxa Tiger Reserve, West Bengal. *Acta arachnol.*, 43(1) : 43-48 (with V. Biswas and D. Raychaudhuri). [ISSN : 0005-202]

3. Spider fauna of Buxa Tiger Reserve. *Proc. Ninth Nat. Zool. Conf. Bangladesh*, pp. 93-102 (with V. Biswas and D. Raychaudhuri).

### 1995

4. Araneidae of Buxa Tiger Reserve, West Bengal, *Acta arachnol.*, 44(1) : 11-14 (with V. Biswas, S.C. Majumder and D. Raychaudhuri). [ISSN : 0005-202]
5. A new name for *Heteropoda acuta* Saha, Biswas et Raychaudhuri, 1994 (Araneae : Heteropodidae). *Acta arachnol.*, 44(1) : 15-16 (with V. Biswas and D. Raychaudhuri). [ISSN : 0005-202]
6. Insect-plant interactions with cotton aphid, *Aphis gossypii* Glover and chilli, *Capsicum annuum* L. as a model. *Ann. Entomol.*, 13(2) : 71-86 (with D. Raychaudhuri). [ISSN : 0013-8746]

### 1996

7. Spiders of the Genus *Oxyopes* Latreille (Araneae : Oxyopidae) of Buxa Tiger Reserve, West Bengal, *Acta arachnol.*, 45(1) : 53-61 (with V. Biswas, B. Kundu, M. Kundu and D. Raychaudhuri). [ISSN : 0005-202]
8. Tiger beetles of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 2(3) : 68-69 (with D. Raychaudhuri). [ISSN : 0975-1963]
9. Temperature specific responses of *Aphis gossypii* Glover (Homoptera : Aphididae) on *Capsicum annuum* L. *Res. Bull. (Sci.) Panjab University, Chandigarh*, 46 : 107-137 (with D. Raychaudhuri). [ISSN : 0555-7631]

### 1997

10. Tortoise beetles (Cassidinae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 2(4) : 129-130 (with D. Raychaudhuri). [ISSN : 0975-1963]
11. Araneidae and Theridiidae of Buxa Tiger Reserve, West Bengal : Genera *Leucage* White, *Cyrtophora* Stoliczka and *Theridula* Emerton. *Entomon*, 22(3&4) : 229-233 (with V. Biswas and D. Raychaudhuri). [ISSN : 0377-9335]
12. Factors affecting *Aphis gossypii* Glover population on chilli, *Capsicum annuum* L. *Res. Bull. (Sci.) Panjab University, Chandigarh*, 47(1-4) : 171-197 (with D. Raychaudhuri). [ISSN : 0555-7631]
13. Cicadas (Cicadidae : Homoptera) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 3(1) : 23 (with D. Raychaudhuri). [ISSN : 0975-1963]
14. Tortoise beetles (Cassidinae : Chrysomelidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Flora and Fauna*, 3(2) : 71-86 (with D. Raychaudhuri). [ISSN : 1028-0863]

## 1998

15. Moths of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Zoo's Print*, 13(5) : 24 (with D. Raychaudhuri). [ISSN : 0971-6378]
16. Butterflies of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 3(4) : 114-115 (with D. Raychaudhuri). [ISSN : 0975-1963]
17. Short-snouted weevils (Coleoptera : Curculionidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal, *Insect Environment*, 4(1) : 23 (with D. Raychaudhuri). [ISSN : 0975-1963]
18. Scarab beetles (Scarabaeidae : Cetoniinae, Dynastinae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 4(1) : 23-24 (with D. Raychaudhuri). [ISSN : 0975-1963]
19. Leaf chafer beetles (Scarabaeidae : Rutelinae : Anomalini) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 4(1) : 24 (with D. Raychaudhuri). [ISSN : 0975-1963]
20. Leaf chafer beetles (Scarabaeidae : Rutelinae : Adoretini, Parastasiini) of Buxa Tiger Reserve, Jalpaiguri, West Bengal, India. *Insect Environment*, 4(2) : 59 (with D. Raychaudhuri). [ISSN : 0975-1963]
21. Interacting ants in the cotton aphid (*Aphis gossypii* Gl.) / Chilli (*Capsicum annum* L.) ecosystem. *Zoos' Print*, 13(11) : 31-32 (with D. Raychaudhuri). [ISSN : 0975-1963]
22. Fungus beetles (Coleoptera) of Buxa Tiger Reserve, Jalpaiguri, West Bengal : Endomychidae & Erotylidae. *Insect Environment*, 4(3) : 92 (with D. Raychaudhuri). [ISSN : 0975-1963]
23. Beetles (Brenthidae, Helotidae and Meloidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 4(3) : 99 (with D. Raychaudhuri). [ISSN : 0975-1963]
24. Aphids and their associated insects of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *J. Aphidology*, 12(1&2) : 9-20 (with B. Kundu and D. Raychaudhuri). [ISSN : 0970-3810]

## 1999

25. Vibgyor in the Nymphalid (Lepidoptera, Excluding Danainae) Butterflies of Buxa Tiger Reserve (B.T.R.), Jalpaiguri, West Bengal. *Proc. Nat. Sem. Insect and Environment*, Sept. 18-20, 1997, Panjab University, Chandigarh, pp. 41-50 (with D. Raychaudhuri).

26. Stag Beetles (Lucanidae) and Bess Beetles (Passalidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*. 4(4) : 125 (with D. Raychaudhuri). [ISSN : 0975-1963]
27. Addition to the Lepidopteran Fauna of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 4(4) : 132 (with D. Raychaudhuri). [ISSN : 0975-1963]
28. Natural enemies of chilli ecosystem in West Bengal. *Insect Environment*, 4(4) : 137 (with D. Raychaudhuri). [ISSN : 0975-1963]
29. Swallowtailed Butterflies (Papilionidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Res. Bull. (Sci.) Panjab University, Chandigarh*, 49(I-IV) : 67-85 (with D. Raychaudhuri). [ISSN : 0555-7631]
30. Notes on five other nymphalid butterflies recorded from Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Res. Bull. (Sci.) Panjab University, Chandigarh*, 49(I-IV) : 93-95 (with D. Raychaudhuri). [ISSN : 0555-7631]

## **2000**

31. Longicorn beetles (Cerambycinae, Prioninae : Cerambycidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *J. Bomaby nat. Hist. Soc.*, 97(1) : 74-91 (with D. Raychaudhuri). [ISSN : 0006-6982]
32. Lamiids (Cerambycidae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect. Environment*, 5(4) : 185 (with D. Raychaudhuri). [ISSN : 0975-1963]
33. Scavenger beetles (Scarabaeidae : Coprinae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 6(1) : 43-44 (with D. Raychaudhuri). [ISSN : 0975-1963]

## **2001**

34. Bugs (Heteroptera) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 7(2) : 96 (with D. Raychaudhuri). [ISSN : 0975-1963]
35. Danaid butterflies (Nymphalidae : Danainae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Res. Bull. (Sci.) Panjab University, Chandigarh*, 51(1-4) : 61-69 (with D. Raychaudhuri). [ISSN : 0555-7631]

## **2002**

36. Leaf beetles (Chrysomelidae : Coleoptera) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 7(4) : 189-190 (with D. Raychaudhuri). [ISSN : 0975-1963]
37. Report on the chrysomelid beetles (Galerucinae, Halticinae and Cassidinae) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 8(1) : 21 (with D. Raychaudhuri). [ISSN : 0975-1963]

38. Further addition to the butterflies of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 8(2) : 89 (with D. Raychaudhuri). [ISSN : 0975-1963]
39. Wasps and ants (Vespoidea : Hymenoptera) of Jaldapara Wildlife Sanctuary. *Insect Environment*, 8(1) : 34-35 (with S. Bhattacharjee and D. Raychaudhuri). [ISSN : 0975-1963]
40. Chrysomelid beetles, bugs and butterflies of Jaldapara Wildlife Sanctuary, Jaldapara, West Bengal. *Insect Environment*, 8(2) : 86-87 (with D. Raychaudhuri). [ISSN : 0975-1963]
41. Grasshoppers, Crickets, Mantids (Orthoptera) of Jaldapara Wildlife Sanctuary. *Insect Environemnt*, 8(3) : 118 (with S. Bhattacharjee and D. Raychaudhuri). [ISSN : 0975-1963]
42. Studies on the Borers attacking shade trees of tea plantations. In Tea Research : New Trend Proc. 3rd Workshop. N.T.R.F., April 26, Kolkata : 55-56 (with T. Dalui, C. Ray and D. Raychaudhuri).
43. Pierid butterflies (Lepidoptera) of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Res. Bull. (Sci.), Panjab University, Chandigarh*, 52 : 37-42 (with D. Raychaudhuri). [ISSN : 0555-7631]

## 2003

44. Ants of Jaldapara Wildlife Sanctuary, West Bengal (Hymenoptera : Formicidae). *Bionotes*, 5(1) : 19 (with S. Bhattacharjee and D. Raychaudhuri). [ISSN : 0972-1800]
45. Addition to the Cicada (Cicadidae : Homoptera) fauna of Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Insect Environment*, 9(1) : 17 (with D. Dutta and D. Raychaudhuri). [ISSN : 0975-1963]
46. New lynx spiders, *Oxyopes* Latreille (Oxyopidae) from Buxa Tiger Reserve, Jalpaiguri, West Bengal. *Entomon.* 28(4) : 321-327 (with D. Raychaudhuri). [ISSN : 0377-9335]

## 2004

47. A new species of spider of the genus *Peucetia* Thorell (Oxyopidae : Araneae) from Digha, Midnapore, West Bengal, India. *J. Bombay nat. Hist. Soc.*, 101(2) : 288-290 (with D. Raychaudhuri). [ISSN : 0006-6982]
48. A survey of spiders (Araneae : Araneidae) of Jaldapara Wildlife Sanctuary, West Bengal with description of a new *Zilla* species. *Entomon*, 29(3) : 245-252 (with D. Raychaudhuri). [ISSN : 0377-9335]

49. Hitherto unknown genera of spiders, *Ordgarius* Keyserling, *Pasilobus* Simon (Araneidae) and *Strigoplus* Simon (Thomisidae) from Eastern India. *J. Bombay nat. Hist. Soc.*, 101(3) : 425-428 (with D. Raychaudhuri). [ISSN : 0006-6982]

## 2006

50. Heteropodine spiders (Sparassidae : Araneae) from Jaldapara Wildlife Sanctuary, Jalpaiguri, West Bengal. *J. Bombay Nat. Hist. Soc.*, 103(1) : 82-86 (with D. Raychaudhuri). [ISSN : 0006-6982]
51. Lynx spiders (Oxyopidae : Araneae) from Betla Forest, Jharkhand, India. *J. Bombay Nat. Hist. Soc.*, 103(1) : 87-89 (with D. Raychaudhuri). [ISSN : 0006-6982]

## 2007

52. New crab spider of the genus *Thomisus* Walckenaer from Kolkata, West Bengal. *Munis Entomology & Zoology*, 2(2) : 439-442 (with D. Raychaudhuri). [ISSN : 1306-3022]
53. Crab spiders (Araneae : Thomosidae) of Jaldapara Wildlife Sanctuary, Jalpaiguri, West Bengal-I. *J. Bombay Nat. Hist. Soc.*, 104(1) : 58-63 (with D. Raychaudhuri). [ISSN : 0006-6982]

## 2009

54. Typical orb weavers (Araneidae : Araneae) of Mahananda Wildlife Sanctuary, West Bengal, *Insect Environment*, 15(1) : 30-31 (with S. Sen & D. Raychaudhuri). [ISSN : 0975-1963]
55. Crab spiders (Thomisidae : Araneae) of the reserve forests of Dooars, West Bengal. *Insect Environment*, 15(1) : 32-33 (with S. Sen & D. Raychaudhuri). [ISSN : 0975-1963]
56. Typical orb weaving spiders (Araneidae : Araneae) of Tea Ecosystem of Dooars, West Bengal. *Insect Environment*, 15(3) : 116-117 (with T.K. Roy, D.C. Dhali and D. Raychaudhuri). [ISSN : 0975-1963]
57. Long jawed orb weaving spiders (Tetragnathidae : Araneae) of Dooars, West Bengal. *Insect Environment* 15(3) : 118 (with S. Sen and D. Raychaudhuri). [ISSN : 0975-1963]

## 2010

58. New and hitherto unknown nursery web spider species (Araneae: Pisauridae) from the Reserve Forests of Dooars, West Bengal, India. *Mun. Ent. Zool.* **5(1)**: 225-231 (with S. Sen and D. Raychaudhuri). [ISSN : 1306-3022]
59. Jumping spiders (Araneae: Salticidae) of four reserve forests of Duars, West Bengal. *Bionotes*, **12(1)**: 24-25 (with D. C. Dhali, S. Sen and D. Raychaudhuri). [ISSN : 0972-1800]
60. A new spider genus of the tribe Smodicinini (Araneae: Thomisidae) from India. *Munis Entomology & Zoology*, **5(2)**: 344-349 (with S. Sen and D. Raychaudhuri). [ISSN : 1306-3022]

61. Resurrection of the endemic bird dung crab spiders, *Phrynarachne* Thorell (Araneae: Thomisidae) of 19th century India. *Munis Entomology & Zoology*, **5(2)**: 343-550 (with T.K. Roy, D.C. Dhali and D. Raychaudhuri). [ISSN ; 1306-3022]
  
62. Scoliid wasps (Hymenoptera: Vespoidea) of Jaldapara Wildlife Sanctuary, West Bengal, India. *Munis Entomology & Zoology*, **5(2)**: 661-669 (with S. Bhattacharjee and D. Raychaudhuri). [ISSN ; 1306-3022]
  
63. Spiders of Senchal Wildlife Sanctuary and Neora Valley National Park, Darjeeling, West Bengal. *Insect Environment*, **15(4)**: 178-180. (with S. Sen and D. Raychaudhuri). [ISSN : 0975-1963]
  
64. Estimation of capture area and mesh height of the webs of two orb weaving spider species (Arachnida: Araneae). *Bionotes*, 12(3): 84-85. (with S. Sen and D. Raychaudhuri). [ISSN : 0972-1800]
  
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