

CURRICULUM VITAE

Name : Dr. DIPAK KUMAR SOM

Post Held : Associate Professor of Zoology, W.B.E.S., Govt. of West Bengal

Qualification : M.Sc., Ph.D.

Present Affiliation : Post Graduate Department of Zoology
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Data of Birth : 20.02.1963

Sex : Male

Academics

Sl. No.	Institution & Place	Degree Awarded	Year	Field of Study
1.	Jhargram Raj College, Govt. Of West Bengal, Jhargram	B.Sc. Hons. in Zoology	1984	-
2.	Ballygunge Science College, Calcutta University, Kolkata	M.Sc. in Zoology	1986	Entomology as Special Paper
3.	CSIR-UGC , New Delhi	NET	1987	Life Sciences
4.	The University of Burdwan, Burdwan	Ph.D. (Science)	1997	Entomology (Chironomid Bio-systematics of Darjeeling and adjoining areas)

Experience :

Post Graduate Teaching : 21 years

Under Graduate Teaching : 30 years

Administration : 4 years

Research : 20 years

Position and Employment

Sl. No.	Organization	Position	From(Date)	To (date)
1.	Maulana Azad College, Govt. of W. Bengal, Kolkata	Associate Professor of Zoology	01.10.2015	Till date
2.	The University of Burdwan	Controller of Examinations	16.10.2014	30.09.2015
3.	Maulana Azad College, Govt. of W. Bengal, Kolkata	Associate Professor of Zoology	04.05.2010	15.10.2014

4.	Jhargram Raj College, Govt. of W. Bengal, Jhargram	Reader in Zoology	12.08.2005	03.05.2010
5.	Hooghly Mohsin College, Govt. Of W. Bengal, Chinsurah	Assistant Professor of Zoology	17.05.1996	11.08.2005
6.	Darjeeling Govt. College, Govt. Of W. Bengal, Darjeeling	Lecturer in Zoology	23.08.1989	16.05.1996
7.	Calcutta School of Tropical Medicine, Kolkata	JRF	01.03.1988	20.08.1989

Administrative positions held:

1. **Co-Ordinator, NAAC Steering Committee**, Maulana Azad College, Govt. of West Bengal, Kolkata, **2015-2016** and helped the college to earn NAAC accredited 'A' Grade
2. **Controller of Examinations, The University of Burdwan, 2014-2015**
3. **Head, Post Graduate Department of Zoology**, Jhargram Raj College, **2008-2010**
4. **Member, P.G. Board of Studies, Vidyasagar University, 2008-2010**
5. **Head Examiner - University of Vidyasagar, University of Calcutta**

Awards :

1. **'Professor D.N. Roychowdhury Memorial' Gold Medal 1986.**
2. **NET Junior Research Fellowship (U.G.C. Govt. of India) 1987.**
3. **Teacher Fellowship (University Grants Commission, Govt. of India) 1993-1994.**
4. **National Scholarship (Government of West Bengal), 1981-1983**

Reviewer :

The Journal of Threatened Taxa (JoTT): An international monthly online open access journal on taxonomy and conservation published from India (96 Kumudham Nagar, Vilankurichi Road, Coimbatore 641035, Tamil Nadu, India) <www.threatenedtaxa.org>. Dr. Sanjay Molur (Founder & Chief Editor).

International Conference Attended and presented paper

1. **Golden Jubilee International Conference on Trends in Zoology :** Department of Zoology, The **University of Burdwan**, Burdwan, Burdwan 713 104, **India. 03-04 January, 2019.**
2. **International Conference on Entomology:** Department of Entomology and Environmental Sciences, **Punjabi University, Patiala, Punjab, India. 21-23 February, 2014.**

Member of Scientific Organization

1. **Southwest Association of Fresh water Invertebrate Taxonomists (SAFIT), USA.**
2. **Zoological Society, Kolkata, India**

Training

Under ICAR Supported Niche Area of Excellence for Capacity Building in **Taxonomy of Insects and Mites**, at Department of Entomology, **University of Agricultural Sciences, Bangalore, Karnataka, India, 25th July, 2012 -14th August, 2012.**

Publications

I	International Indexed Journal	04
II	National Indexed Journal	04
III	National Proceedings	01
IV	Book/Chapter Written or Compiled	11
V	Abstract in International Seminar/Symposium/Conference	03
VI	Abstract in National/ State Level Seminars/Symposium/Conference	07
VII	Popular Articles	04
	Total	34

Details of Research Publication:

1. A preliminary study on the biology and systematics of *Hemipyrellia ligurriens* (Wiedemann) (Diptera, Calliphoridae, Luciliinae), a forensically important green bottle fly reared on rat carcass from Hooghly, West Bengal, India. **Dipak K Som** and Dibyendu Metay. *Mac J. Basic and Applied Sciences*. 3(1): 159-167. (2016).
2. A report on mites (Acari) as Parasites of domesticated birds in South Bengal, India with their importance. S. Sarkar, **Dipak K Som** and S.K. Gupta. *Proc. Nat. Conf. on Biodiversity*. ISBN 978-93-92258-17-9. (2014).
3. Systematics and biology of *Metriocnemus clarivirgulus* sp. n. (Diptera: Chironomidae) from Darjeeling, India with revised keys to male and female adults of *Metriocnemus* van der Wulp. **Dipak K. Som**, N. Das and N. Hazra. *Deutsch Entomologische Zeitschrift* 60 (1):111-121. (2013). [ISSN 1435-1951; ONLINE ISSN:1860-1324]
4. *Paracricotopus missilus* sp. n., a new orthoclad species from Darjeeling Himalayas of India (Diptera: Chironomidae). P.K. Chaudhuri and **Dipak K. Som**. *Russian Entomol. J.* 7 (1-2): 51-56. (1998).[ISSN 0132-8069]
5. Immature of *Rheocricotopus (Psilocricotopus) valgus* Chaudhuri and Sinharay of Darjeeling Himalaya with notes on ecology (Diptera: Chironomidae). N. Hazra, **D. K. Som** and P. K. Chaudhuri. *Annals Limnol.* 34(1): 75-82. (1998). [ISSN 0003-4088; eISSN 2100-000X]
6. *Limnophyes* Eaton: new record and immature of Indian species from Darjeeling Himalayas (Diptera: Chironomidae). N. Hazra, **Dipak K. Som** and P.K.Chaudhuri. *Studia dipterologica* 5 Heft 1: 33-46. (1998). [ISSN 0945-3954]
7. Immature stages of two Orthoclads (Diptera: Chironomidae) of Darjeeling Himalayas. **Dipak K. Som**, S.K. Pradhan and P.K. Chaudhuri. *Entomon* 23(4): 279-289. (1998). [ISSN 0377-9335; NAAS Rating 4.12]
8. Evaluation of Direct Agglutination Test (DAT) in the Diagnosis and Screening of Kala-azar. M. Addy, **D. K. Som**, R.C. Das, A. Bhattacharyya, S. Bhowmik, T. Rakshit, P.Patra, A.Nandy and A.B. Chaudhuri. *Ind. Med. Gazette*. 123(6): 184-187. (1989). [pISSN 0019- 5863]
9. Diversity of Orthoclad fauna (Diptera: Chironomidae) of Darjeeling Himalayan region of West Bengal, India. **D.K. Som** and P.K. Chaudhuri. *J Indian Geog Foundation* 2-3: 80-86. (1996). [ISSN 0975-3850]
10. A study on the Biology of *Metriocnemus albopictus* (Meigen) from Darjeeling Himalayan Region of India (Diptera, Chironomidae). **Dipak K. Som** and P.K. Chaudhuri. *Journal of Science*. 1: 98-105. (2005).
11. Larvicidal effect of *Camellia sinensis* (L.) Kuntz, *Coffea arabica* L. And *Punica granatum* L. on the Dengue vector *Aedes albopictus*. Pallabi Laha, Supriya Mondal and **Dipak Kumar Som**. Golden Jubilee International Conference on “ Trends in Zoology”. Burdwan University. 03-04 January, 2019. **Abstracted.**
12. Artificial late brushing of Mulberry Silkworm (*Bombyx mori* L.) eggs proved adequate adaptability for larval development and cocoon yield. Somdip Majumdar, Salil Raha and **Dipak Kumar Som**. Golden Jubilee International Conference on “ Trends in Zoology”. Burdwan University. 03-04 January, 2019. **Abstracted.**
13. A preliminary study on the Necrophagous Dipteran insect fauna (Insecta : Diptera) on rat carrion at Chandernagore, Hooghly- first study on Forensic entomology in West Bengal, India. P. Ghosh, A. Banerjee, D. Metay, A. Mazumdar, A. Roy and **Dipak K. Som** . International Conference on Entomology, Patiala University, Punjab. 21-23 February, 2014. **Abstracted.**
14. Acute toxicity of 2,4,6-trichlorophenol to the benthic oligochate worm *Brachiura sowerbyi* Beddard, 1882. N.C.Saha, D. Mukherjee and **Dipak K. Som**. UGC Sponsored State Level Seminar on Society

Biodiversity interactions: Exploitation and Ethics. Sripat Singh College, Jiagunge, West Bengal. 01-02 August, 2011. **Abstracted. (2011).**

15. Chironomids (Diptera: Chironomidae) of Sikkim-Darjeeling region: A brief Review. **Dipak K. Som.** National Symposium on 'Emerging Perspectives – Zoological Research'. Department of Zoology, Vidyasagar University, Midnapore, West Bengal. 16-17 February, **2010. Abstracted.**
16. A study on the Orthoclad Biodiversity of Sikkim-Darjeeling Himalayas in the perspective of Biodiversity Hotspots. **Dipak K Som,** U. Mondal and P.K. Chaudhuri. UGC sponsored National level Seminar on Disaster and its Management. Krishnagar Govt. College, Krishnagar, West Bengal. 16-17 April, **2004. Abstracted.**
17. Education, health and Society of Oraon Tribe: A sample Survey. **Dipak K Som,** U. Mondal and Debika Som Mukhopadhyay. Second West Bengal Social Science Congress, Hooghly Mohsin College, Chinsurah, West Bengal. 15-17 November, **2002. Abstracted.**
18. Nuptial flight of Chironomid midges (Diptera: Chironomidae)- A case Study. **Dipak K. Som,** A. Mazumdar and P.K. Chaudhuri. Third West Bengal State Science Congress. University of Burdwan, Burdwan, West Bengal. **1996. Abstracted.**
19. Faunal make up and habitat diversity of Orthoclad midges (Diptera : Chironomidae) of Darjeeling Himalayan Region of West Bengal. UGC Sponsored National Level Symposium on 'Perspective in Biodiversity'. University of Calcutta. **1995. Abstracted.**
20. Immunological Spectrum in Post Kala Azar Dermal Leishmaniasis (PKDL). M. Auddy, A. Nandy and **D.K. Som.** XXXVII th Annual Conference of Indian Association of Pathologists and Microbiologists. **1988. Abstracted.**

Books/Book Chapters (Edited/written)/Popular Articles

1. A **Text Book** of Class IX-X of West Bengal Board of Secondary Education: "Madhyamik Jiban Bignan Parichaya" on Life Science (No. Syll/TB/LSO/ B / IX-X /2004/05)/R00067T). (2005) (Writer).
2. A **Text Book** of Class VI of West Bengal Board of Secondary Education: An Introductory Approach to General Science (No. Syll/TB/G.Sc/VI/Eng/2004/01). 2004. (Writer)
3. **Structure of Chromosome.** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO- 02. (2000) (Writer)
4. **Inheritance of autosomal and Sex-linked genes in human).** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO -02, (2000), (Editor)
5. **Linkage and Crossing over.** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO -02, (2000) (Editor)
6. **Sex determination in Drosophila.** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO-02, (2000) (Editor)
7. **Measures of Central Tendency.** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO- 09, (2001) (Writer)
8. **Dispersion and Standard Error,** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO- 09,. (2001) (Writer)
9. **Probability,** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO- 09, (2001) (Writer)
10. **Skeletal System,** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO- 05, (2006) (Writer)
11. **Protein metabolism and Urea Cycle,** Netaji Subhas Open University, U.G. Theory Honours Course, Paper EZO- 13, (2006) (Writer)
12. **Dengue: present, past and future:** Published in the Magazine "Ekhon Sanskriti" (1997).
13. **Impact of Yoga on Human Physiology.** UGC sponsored State Level Seminar on "Therapeutic Dimension of Yogic Practices and Physical Education activities to combat Life Style Diseases of Sedentary people". Govt. College of Physical Education, Chinsurah, West Bengal. **2008.** Guest Speaker.
14. **Dengue: a recent update:** Published in the local Magazine "Aalokjatri". (2013)

Research Projects

Area of interest

1. Systematics and biology of Chironomids (Diptera; Chironomidae)
2. Biology and ecology of insects and mites having Forensic importance
3. Nutrition biology and immunology of Silk worm *Bombyx mori* L
4. Transmission dynamics and control of Dengue vectors.
5. Animal visitation on *Rhododendron* spp. Of Himalayan West Bengal

ONGOING PROJECTS

Sl. No.	Title of Project	Name of Funding Agency	Amount(Rs.)	Date of Initiation & Duration
1.	Studies on the silkworm (<i>Bombyx mori</i>) nourishment levels at larval periods and the growth there after with immune power	DHESTBT, Govt. of West Bengal(vide No. 204(sanc.)/ST/P/S&T/1G-45/2017 dt. 21.3.2018)	7,98,000/-	26.07.2018; Duration: Two years Dipak Kumar Som -PI
2.	Phenological Diversity, Altitudinal Variation, Quantitative Ethnobotany and Pollinators of the genus <i>Rhododendron</i> L. (Ericaceae) in West Bengal	Department of Science & Technology and Biotechnology, Govt. of West Bengal (vide No. 325(Sanc)/ST/P/S&T/5G-5/2018 dt. 06.03.2019)	11,37,000/-	16.05.2019; Duration Three years Subhasis Panda - PI Dipak Kumar Som -Co-PI

RESEARCH PROPOSALS UNDER SCREENING PROCESS

Sl. No.	Project title	Funding Agency	Project cost	Position
1.	Phenological Variation, Quantitative Ethnobotany and Documentation of Flower visitors including pollinators in the tribe Vaccinieae Rchb (Ericaceae) in Easter Himalaya and North -Eastern States of India	Botanical Survey of India, Govt. of India [Memo No. 649/T-3 Dt. 31.01.2019)	39, 28,930/-	Subhasis Panda PI Co-PI Dipak Kumar Som
2.	A field survey of biodiversity of Silk moths (Lepidoptera: Bombycidae; Saturniidae) for commercial exploitation and an extensive socio-analytical study towards Women empowerment in rural areas of West Bengal)	West Bengal Biodiversity Board	11,29,000/-	DR. Sujata Banerjee, Principal, Berhampore K.N. College - PI Dr. Dipak Kumar Som-CoPI
3.	Demonstrating Innovative Prototypes for Start-Ups Awards - 2019 (NRDC National Meritorious Invention Awards, 2019)	National Research Development Corporation Ministry of Science & Technology, Govt. of India Application ID : NRDCHQ/2019/D0024	Research Grant and Award for students	Dr. Dipak Kumar Som-Faculty Advisor of Jasmine Murshed and Supradipta Dutta M.Sc Sem IV Zoology students
4.	Industrial products and process and secondary agriculture	BIRAC (Ref. No. BT/TEMP 6899/BIG/14/19	45,80,000/-	Dr. Dipak Kumar Som - Scientific Advisor

RESEARCH PROJECT (COMPLETED)

Sl. No	Project title	Start date	Completion date	Project cost	Sponsoring organization
1.	Morphology and Biology of some major Orthoclad (Diptera: Chironomidae) of Himalayas of West Bengal, India	13 th April, 1994	12 th April, 1995	17,000/-	UGC-FIP Ref. No. F-23-4/91 (D – II) dt. 01.02.1994 Duration: One year
2.	Faunistic diversity and ecology of Chironomid midges along the course of the river Ganges in the district of Hooghly, West Bengal	01.11.2002	31.10.2004	50,000/-	UGC(Minor) Ref. No. PSW 031/00-01 dt. 22.09.2002 Duration: Two years