

FACULTY ACADEMIC PROFILE/CV



- Full name of the faculty member
--- DR. SALIL KUMAR RAHA
- Designation - GUEST FACULTY, DEPT. OF SERICULTURE
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Res. Address- 10A/13A, Centre Sinthee Road, Kolkata-700050,
W.B.

- Academic qualifications.

College/university from which the degree Obtained	Abbreviations of degree
1. Bangabasi College, University of Calcutta	B.Sc. Hons in zoology
2. Ballygaunge Science College, University of Calcutta	M.Sc in zoology,
3. University of Calcutta	Spl. Paper- Entomology Ph.D in zoology

- 4. Positions held/holding

1. UG and PG Teaching and Research activities since 17 Nov., 1978 in a degree SC. Colleg and retired on 28th February, 2011
 - Associate Prof. in zoology and Co-ordinator in sericulture Major, Ramakrishna Mission Vivekananda Centenary college, Rahara, North 24 Pgs, W.B.
 - P.G. Teaching since 2006 in the Vidyasagar college, Kolkata and R.B.C College, Naihati, 24 Pgs.
 - Research involvement on Aphidological Studies since 1975 and on sericulture since 2011.

2. After retirement, I worked in the Charnock Institute of Hospital and Management, Kolkata(2012)and after that I joined in the Krishnath College, Berhampore(2014)and still continuing there as a guest Faculty and Research worker in the PG Dept. Of Sericulture.
3. Involvement in the DHEST & BT Research Project, Govt. Of West Bengal as a Co-investigator in the Collaborative research works since 2018 conducted at two colleges---K.N. College, Berhampore W.B. and Maulana Azad College, Kolkata, W.B. Attended International conference on 3 – 4th January 2019, held at Burdwan university and state science congress since,2018.
4. At present also working as a Guest faculty in the Dept. Of Sericulture, Murshidabad University, Berhampore.(Introduced in the year 2021).
 - Research interests- on Entomology and sericulture related to products development
 - Research Guidance- Guiding students for their project works and Ph-d works (to support in their respective fields and students are carrying their research works in the different universities of W.B and Assam in the both subjects as mentioned in the both subjects Sericulture.
 - Projects
Collaborative research works for DST and BT projects, West Bengal completed in the year 2022, sanctioned in favour of K.N. College, Berhampore and Moulana Azad College, Kolkata.
 - Select list of publications (only number)
 - a) Journals 20
 - b) Books/Book Chapters Books written at the graduate level.(2)
 - c) Conference/Seminar volumes-1 edited
 - Membership of Learned societies
Maintained zoological society of Kolkata and abroad.

- Invited lectures delivered- During WBSSCT 2023,
- Awards-Science Model presented service period and awarded excellence of certificate.”
- Other notable activities Awareness programme on Human health and disease since service period.
- List of Journal publications/Conference papers (last ten years)

A.-

LIST OF PUBLICATIONS

A. ON APHIDOLOGICAL STUDIES-(Till 2010 not included here)

B. ON SERICULTURE (Since 2014)

1. Gastroprotective effect of crude sericin powder against Aspirin induced gastric mucosal injuries in rats (with su nuri Somdip Majumder gastric injuries in rats (with su nuri Somdip majumder Humayun kabir, Susanta Chatterjee Chatopadhyay (Gopinath bauri), int. J. Adv. Res. 10(09),965-972,2022.
2. Studies on some Haematological parameters including cellular phagocytosis interaction occurring in larvl stages as well as in image of Bombyx mori L.(Lepidoptera : Bombycidae)breeds. (with Dipak Kumar Som, Somdip Majumder, Jesmine Murshed and Manuika das) Indian J. Applied and Pure Bio. Vol. 37(2)488-498,2022.
3. A study on assessments of the variants of Mulberry Silkworm(Bombyx mori L.)breeds “Nistan”, using biochemical and molecular markers. (With Pratik majumder, Swapna Ghosh and Sayani Chakraborty)J. Bio Sc & Res 1(1)2020.
4. Agro-based Sericulture wastes for the development of Rural Base Industry in India.

(|with SK. Nuri and Somdip Majumder Journal of Bio Research, published in July 2023)

- Communicated papers (2022)
 1. Investigations on Quantitative features related to larval growth and development as well as good health of a commercial breed of silkworm, *Bombyx mori* L. (with Somdip Mazumder and others)

--- DST (WB)project work

2. Artificial late brushing of mulberry silkworm (*Bombyx mori* L.)eggs proved adequate adaptability for larval development and cocoon yield. (with Somdip Mazumder and Dipak Kumar som)
- Abstract, Int. Symposium BurdwaUniv.,W.B|(2019)
 1. Cell types study on Fat bodies of popular silkworm breed of *Bombyx mori* L. For better understanding of their attribute and to correlate the changes in biochemical make up.
 2. Pure line strain of Eri silkworm and Castor host plant together make out a gifted “Bio-economic Model” on the side of Silk Industry in India.
 3. Endorsing bio-nutrients enriched waste silk reeling water as periodical irrigation water source and added health food for plants in different agriculture fields and mulberry garden.
 - Participation at the National Seminar,2023 held at Kalibar College,Assam and the paper is under progress.
1. Persistence of gut biota in digestive canal of *Philosomia ricini* Hutt. (Eri Silkworm)and *Antheraea assama* Westwood (Muga Silkworm), the valued insect in sericulture in dustries. (with Priyanka Saika, Meghna Mech, Manasi Bortamuly and Somdip Majumder)

- Participation at the 6th Regional science and Technology Congree 2023-2024, held at Berhampore, Murshidabad and papers are under progress.
1. Exploiting the vast opportunities for seri-Eco-Tourism in West Bengal and Boosting up the Silk industry to a new dimension for a sustainable socio-economic development through S-E-T. (with Somdip Majumder, Susanta Chattopadhyay, Gopinath Baur and Priyadarshika Handique)
 2. Preparation of exploitable silk serious obtained from non-mulberry silkwaste (order : Lepidoptera : Family : satunidae) for generating extra spinners cum weavers. (with Somdip Majumder, Susanta Chattopadhyay Gopinath Baur and SK. Nuri)
- Full papers are under progress

