



PERSONAL INFORMATION

- Name - **MAHASANKAR MAJUMDAR**
- Designation: Scientist- C
- Present Office Address: Central Silk Board, Muga Eri Silkworm Seed Organization, P-4 Seed Station, Mendipathar , Ministry of Textiles: Govt. of India, Po-Mendipathar, Dist.- North Garo Hills, Meghalay-794112, India,
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▪ **EDUCATION & ACADEMIC ACHIEVEMENTS**

Sl no.	Qualification	Institution	Subjects/Specialization	Pass Year	Class/%
1	B.SC (Hons.)	UNIVERSITY OF KALYANI	SERICULTURE	2006	I (67.6%)
2	M.Sc.	UNIVERSITY OF KALYANI	SERICULTURE. Specialization- SERICULTURE EXTENSION RURAL SOCIOLOGY AND RURAL DEVELOPMENT	2008	I (68.8%)

Area of research interest/working area: SERICULTURE EXTENSION RURAL SOCIOLOGY AND RURAL DEVELOPMENT now working at P-4 seed station for maintaining basic stock of Muga Silk Worm (*Antheraea assamensis* H)

Awards/honour/Fellowship (if any):

- *National Award Received from IJRULA for best paper_“Critical Analysis on Role of Women In Sericulture Industry” [63(1):209-221]*
- *Dr. Vikram Sarabhai National Award” from IRDP Group of Journals in Chennai on 24th August-2019.*
- *Appreciation received from Scientist D & Head, MESSO, & Directorate of Sericulture different State Sericulture departments.*

PROFESSIONAL SEMINARS, WORKSHOP, ACTIVITIES & RESPONSIBILITIES

Training Undergone:

- Training on system controller for ISO Audit
- Hands on training on 'GAGAN' based Geo Tagging through SILKS mobile application at NESAC, Umiam, Meghalaya
- Training on PVE for implementation 'SAMARTH' scheme under MoT,GoI

Seminars:

- 1) Attend National Level Seminar on “Intellectual Property Rights & Related Issues” sponsored by Ministry of H.R.D Govt. of India. Organized by Krishnath College ,Berhampore -in 2007
- 2) Attend National Level Seminar on “Mango Production ,Post Harvest Management & Export” organized by National Horticulture Board , New Delhi-in 2009
- 3) Attend National Level Seminar on “Socio Economic Impact of Integrated Disease Management in Sericulture in the Tribal Villages of West Bengal” “ at Chandraketurgh Sahidullah Smriti Mahavidyalaya,Debalaya,North 24 -Paraganas,West Bengal in 2016 [A UGC SPONSORED NATIONAL LEVEL SEMINAR] - A Paper presented at this seminar: Title- “Comparative Study on Income Generation Through Horticulture Crops like Mango and Litchi with Sericulture at Farmers’ Level in Murshidabad District”

AT CENTRAL SILK BOARD:

- 4) Webinar on “Silk Heritage and Entrepreneurship Development in Sericulture” by USTM ,Meghalaya.
- 5) Webinar on “Importance of Honey Bee in agriculture and their Pest Management” by MIT College of Agriculture & Tech, Tamilnadu.

- 6) National Seminar on "Conservation of Biodiversity & Microbial Diversity with potential for application in Agriculture and Sericulture in North East India" Organized by Department of Botany ,USTM,

Workshops:

- 1) Participated in State Level Workshop on Innovative Scientific Approaches from 29/04/2007 to 01/05/2007
- 2) Participated in Training on Horticulture Extension by K.V.K , Murshidabad ,Under Directorate of Research and Extension & Farms,W.B during 10-12th February-2010.

Present Workshops under *National Children's Science Congress* (Under Department of Science & Technology ,Govt. of India) and *Guided Sericulture and Science related Projects-* details given below and Certificate enclosed with this annexure.

- 3) Project titled "*Silk Worm Rearing-Key Behind Success of Silk Worm Rearing*" at 14th National Children's Science Congress in 2006
- 4) Project titled "*Use of Two Types of Earth Worm in Vermi-compost Preparation and its Advantages* " at 14th National Children's Science Congress in 2006. It was selected for National level Congress. Published in Compendium of NCSC-2006
- 5) Project titled "*Various Compost Preparation by Using Earth Worms* " at 15th National Children's Science Congress in 2007. It was selected for National level Congress. Published in Compendium of NCSC-2007
- 6) "*Effect of Temperature and Humidity on Sericulture in Murshidabad District* " at 22nd National Children's Science Congress in 2014. It was selected for National level Congress.- Published in Compendium of NCSC-2014
- 7) Project titled "*Effect of Climate on Silk Production in Different Seasons* " at 23rd National Children's Science Congress in 2015. It was selected for State level Congress. Published in Compendium of NCSC-2015
- 8) Present National Level Workshop as a Escort Teacher Under 23rd *National Children's Science Congress-2015* at Chandigarh University, Chandigarh (Focal Theme- UNDERSTANDING WEATHER AND CLIMATE)

AT CENTRAL SILK BOARD:

- 9) Attend workshop on "Application of Remote Sensing &GIS and Geo Tagging in Sericulture Development in BTC ,Kokrajhar organized by Directorate of Sericulture BTC and NESAC

• EMPLOYMENT HISTORY

Sl no.	Post Held	Employer	Job Description	Remarks
1	Field Consultant (NHM)	District Horticulture Officer, Under Directorate of Horticulture , Govt. of West Bengal	Work as an Extension Personnel for implementing various project under NHM,RKVY,NBM,ATMA,& State Projects .Office works	From 01 /10/2007 to 30/06/2010
2	Assistant Teacher	Chairman ,M.D.P.S.C, School Education Department, Govt. of West Bengal	Teaching	From 01/07/2010 to 25/10/2018

• PROFESSIONAL ACHIEVEMENTS & PROJECT HANDLE

- Awarded first prize from Horticulture department for best performance at Raghunathganj-II Block as an Extension personnel in 2009
- Work as a Master trainer at Sericulture training programme at Raghunathganj -II Block for making SHGs and erased trafficking system at border area Block-2008-2010
- At horticulture department working with various project like ,NHM,MIDH,NBM.RKVY,ATMA etc.2007-2010

AT CENTRAL SILK BOARD:

- Working as CO-investigator on “Diapause induction Mechanism in Muga Silkworm (Antheraea assamensis Helfer)” project (APS 09002MI).

• RESEARCH APAER PUBLICATIONS

- MSc Thesis-"A COMPARATIVE STUDY ON SERICULTURE & HORTICULTURE AT FARMERS LEVEL IN MURSHIDABAD DISTRICT."

<i>PUBLICATIONS: Total Publications:-24 nos.</i>
<i>"INTERNATIONAL JOURNAL OF ECONOMIC AFFAIRS"</i>
<i>1) Sarkar, K., *Majumdar, M. and Goswami, A. (2017) "Critical Analysis On Role of Women In Sericulture Industry " [63(1):209-221]</i>

"INTERNATIONAL JOURNAL OF SOCIAL SCIENCE"
2) Majumdar, M., Sarkar, K. and Goswami, A.(2017) "A Critical Analysis On Major Problems Faced by Reelers and Weavers Of Silk Industry at Field Level in Murshidabad District of West Bengal " [10 (5):539-551]
"INTERNATIONAL JOURNAL OF AGRICULTURE ENVIRONMENT AND BIOTECHNOLOGY"
3) Bhattacharyya, B., Bhattacharyya, A., Majumdar, M.and Sarkar, K.(2017) "Survey on flora and fauna of Bishnupur Bill (Horse Shoe Lake) and it's surrounded area at Berhampore in Murshidabad District of West Bengal"[10 (5):539-551]
"SOCIAL SCIENCE AND HUMANITIES INTERNATIONAL"
4) Sarkar,S, Majumdar, M. Sarkar, K., Goswami, A and (2019) " Comaparative Study on income generation through Agricultural Crops and Sericultural Crop at farmers level.
"AN INTERNATIONAL JOURNAL OF EDUCATION AND SOCIAL DEVELOPMENT"
5) Goswami, A*. Majumdar, M. Sarkar, K., and (2019) "Critical analysis on Historical background of Baluchari saree and its Past & Present status." Accepted.
NATIONAL PUBLICATION AT: "UTTAR PRADESH JOURNAL OF ZOOLOGY"
6) Sarkar, K and Majumdar, M., (2016)"A Critical Analysis on Silkworm Rearing in April Crop at West Bengal" [36(1) :01-07]
7) Majumdar, M.,and Sarkar, K.(2016) "Studies on Intercropping of Mulberry with Litchi chinesis" [36(1) :57-66]
:"SOCIAL ENVIRONMENT AND BIOLOGICAL ASSOCIATION"(SEBA)
8) Majumdar, M.,and Sarkar, K. and Ray, S.K.(2016) "Comparative Study on Income Generation Through Horticulture Crops like Mango and Litchi with Sericulture at Farmers' Level in Murshidabad District" [13(2) :223-231]
9) Bhattacharya, H., Majumdar, M., Sarkar, K and Modak, B.K.(2016) "Incidence of Silkworm Diseases in Baishakhi (APRIL)Crop of Murshidabad District ,West Bengal, India" [13(2) :187-190]
"JOURNAL OF INTERACADEMICIA"
10) Majumdar, M., Sarkar, K.(2017) " Vermicompost- an effective source of organic farming in sericulture industry" [21(1) :24-31]
11) Sarkar, K and Majumdar, M.(2017)"A Critical Analysis on Status of Rearing of Different Silkworm Breeds at Farmers Level of Nabagram Block in Murshidabad District West Bengal"- [21(1) :32-36]
12) Sarkar, K and Majumdar, M.(2017) 'Why Silk Industry is Showing Declining Trend in Murshidabad District and How They Should Work to Regain The Market Share?' [21(3) :257-268]
13) Majumdar, M., Sarkar, K. and Mukherjee, A .(2017) "Studies on Performance of Multivoltine and their Hybrid on S1 and S1635 variety of Mulberry during April Crop in West Bengal" [21(4) :404-412]
14) Majumdar, M., Sarkar, K. and Sen, S .(2017) "Studies on performances of Different Crossbreeds of Mulberry Silkworm (Bombyx mori) in April Crop at field level in Murshidabad district of West Bengal" [21(4) :393-403]
15) Majumdar, M., Sarkar, K. and Das, N .(2017) "Critical Analysis on a Comparative study on individual leaf feeding and Shoot feeding in case of Late Age Rearing" [21(4) :383-392]

From 2019 onwards-

16. "A study on Historical Analysis of Murshidabad Silk Industry at Nawab's Reign (1717-1757) A Goswami, **Mahasankar Majumdar**, Susovan Sarkar, Dr Kunal Sarkar, International Journal of Social Science: 8 (1) :01-08,-2019. **NAAS Rating -4.38**
17. "Income generation through Agricultural and Sericulture crops at farmers level in two major district of West Bengal: A comparative study. Susovan Sarkar, **Mahasankar Majumdar**, Dr Kunal Sarkar, Rosni Roy & Anindita Goswami, Social Science & Humanities International Journal,1(2),1-13,2019. **NAAS Rating -3.65**
18. " Comparative studies on various Men led Self Help Groups in traditional cultivation of Sericulture : Report from West Bengal, Susovan Sarkar,Rosni Roy, **Mahasankar Majumdar**, Dr Kunal Sarkar, Social Science & Humanities International Journal, 1(3) : 1-10,2019. **NAAS Rating -3.65**
19. "Studies on performance of Bivoltine hybrids SK6 x SK7 and its Reciprocal crosses during April crop in West Bengal, Akash Chakraborty, Dr Kunal Sarkar **Mahasankar Majumdar**, Vikram Kumar ,International Journal of Advance Research in Biological Sciences : 7(6) :134-140,-2020. **NAAS Rating -3.33**
20. " Study on Efficiency of Different Types of mountages in Silkworm (*Bombyx mori* L) Rearing. Susovan Sarkar, Rosni Roy, **Mahasankar Majumdar**, Vikram Kumar , Abhishek Sing ,International Journal of Research and Analytical Reviews(IJRAR), 7(2) :553-568,-2020
21. " Cost effective management of Summer grainage (May-August), of Muga Silkworm (*Antheraea assamensis* Helfer)for better performance in Garo Hills ,Meghalaya , **Mahasankar Majumdar**, Vikram Kumar, Prabhar Borpuzari, Abhishek Singh, International Journal of Advance Research in Biological Sciences : 7(10) :11-23,-2020. **NAAS Rating -3.33**
22. " Significance of vermicompost on crop and soil productivity: A review, Abhishek Sing, Vikram Kumar,Sudhanshu Verma, **Mahasankar Majumdar**,and Susovan Sarkar ,International Journal of Chemical Studies 8(5) :1529-1534,-2020. **NAAS Rating -5.31**
23. "Ichneumon wasp *Xanthopimpla pedator*-a pupal parasitoid of Muga silkworm (*Antheraea assamensis* Helfer), **Mahasankar Majumdar**, Lopamudra Guha,Vikram Kumar, Bitopan Das,Prabhat Borpuzari ,International Journal of Advance Research in Biological Sciences : **8(7) :152-156,-2021.**
24. "Probing the potentiality of the defoliator *Cricula trifenestrata* Helfer silk :a revisit" Hemchandra Hridya, Lopamudra Guha,**Mahasankar Majumdar**, B.N Sarkar, Soni Vijayakumar and P. Borpuzari ,Bulletin of the National Research Center (Springer Open), 45:215,(2021): 1-8

Technology Booklet:

2019- " **Improved methods of Muga Silkworm Rearing and Seed Production**"- in english.

2020- " **ADVANCED METHODOLOGY FOR QUALITY SEED PRODUCTION OF MUGA SILKWORM**" on February 2020, in English and Garo language.

2021 1) " INTENSIVE PACKAGE AND PRACTICES OF MUGA SILKWORM REARING & GRAINAGE" on February 2021, in English and Garo language.

2) " INTEGRATED METHOD OF MUGA SILKWORM REARING & ITS PRACTICAL APPLICATION" on December 2021, in English

B) Book Chapter on:

"RECENT ADVANCES IN MUGA SILKWORM (*Antheraea assamensis*) REARING" at Agro-Technological Options For Resource Conservation And Management (Biotech Books Publications) PP:61-69 in 2021

Conference Proceeding:

a) " AREA DISTRIBUTION OF LITSEA MONOPETALA (ROXB) AND ITS MEDICINAL USES" ORGANIZED BY KVK, ANTABARAN, DIRECTOR OF EXTENSION EDUCATION ,AGRICULTURE UNIVERSITY ,KOTA, RAJASTHAN ON 3-4 MARCH ,2020.

b) A REVIEW ON SUSTAINABLE EMPLOYMENT GENERATION THROUGH MUGA SILKWORM REARING IN PRESENT SCENERIO OF COVID-19 PANDEMIC IN MEGHALAYA STATE. Mahasankar Majumdar¹, Vikram Kumar, Abhishek Singh, Prabhat Borpuzari at National Seminar on "Conservation of Biodiversity & Microbial Diversity with potential for application in Agriculture and Sericulture in North East India" Organized by Department of Botany ,USTM,

Popular Articles in Hindi:

रेशम मार्ग - संस्कृति ओर वाणिज्य का एक राजमार्ग" Vikram Kumar, Lopamudra Guha, Abhishek Singh, Mahasankar Majumdar, Kisan Bharti

b) "जलवायु परिवर्तन एवं इसका मुगा रेशम कीट पालन पर प्रभाव" Vikram Kumar, Abhishek Singh, Mahasankar Majumdar, Lopamudra Guha, Hridya H. and Ritesh Kumar Parihar, Kheti.

c) "स्वस्थ मृदा ही स्वस्थ मूगा रेशमकीट का मूलभूत घटक" विक्रम कुमार , महाशंकर मजूमदार, Published at Hindi news Letter on January to June -2020 by MSSO, Guwahati.