

BIODATA

- 1 Full name : Khasru Alam
1. Designation : Scientist-B
2. Department/Institute/University : Mulberry Crop Protection
3. Address for communication : Central Sericultural Research & Training Institute, Berhampore,
West Bengal-742101, Email: khasru.alm@gmail.com
4. Date of birth : 02.04.1979
5. Sex : Male
6. Whether differently able (Yes/No) : Yes

8. Academic qualifications (degree onward)

#	Degree	Year	Subject	University	Class
1	B.Sc	2000	Sericulture	University of Calcutta	2 nd
2	M.Sc	2005	Sericulture	University of Mysore	1 st
3	PhD	Till date	Sericulture	University of Raiganj	-

9. Ph.D thesis title, Guide's Name, Institution/n/University, Year of Award: Ongoing

10. Work experience (in chronological order)

#	Position held	Name of the Institute	From	To	Pay Scale
1	Scientist-B	CSR&TI, Berhampore	July 2021	Till date	61300/-
2	SMS	PRADAN	May 2006	May 2007	7000/-

11. Professional Recognition/Award/Prize/Certificate, Fellowship received by the applicant

#	Name of Award	Awarding Agency	Year
2	Junior Research Fellow	Central Silk Board	2007-2009

12. Books/Reports/Chapters/General Articles etc

#	Title	Author's Name	Publisher	Year of Publication
1	Wild Tasar Ecoraces of Simlipal Biosphere Researve, Odisha - an appraisal	Khasru Alam , Debjoy Bhattacharjya, Prasanta Kumar Kar, Anil Bhuimali and Soumen Saha	New Delhi Publishers, India (ISBN: 978-93-88879-77-4)	2020
2	Perspectives of Sericultural farming for Sustainable Development.	D. Bhattacharjya, K. Alam , A. Bhuimali, S. Saha	New Delhi Publishers, India (ISBN: 978-93-88879-37-8)	2019
3	Exploration of Biodiversity of Tasar silkworm ecoraces (<i>A. mylitta</i> D.) for Economic Incentives to Tribal's: A Study in Simlipal Biosphere Reserve, Odisha	S. Saha, K. Alam , D. Bhattacharjya, A. Bhuimali, P.K. Kar	Purbayon Publication, Guwahati, India (ISBN: 978-81-938937-3-9)	2019

12. Publications

#	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Khasru Alam · V. S. Raviraj ² · Tanmay Chowdhury · Anil Bhuimali ¹ · Parthadeb Ghosh ³ · Soumen Saha	Application of biotechnology in sericulture: Progress, scope and prospect	Nucleus: Springer	https://doi.org/10.1007/s13237-021-00355-2		2021
3	Khasru Alam, Harish Babu, Siraj Monir and V Sivaprasad	Evaluation of bivoltine silkworm breeds (<i>Bombyx mori</i> L.) for cocoon and associated characters under Koraput conditions, Odisha	Journal of Entomology and Zoology studies	9 (30)	218-222	2021
2	Khasru Alam , S.K. Misro and V. Sivaprasad	Studies on evaluation and identification of suitable bivoltine hybrids (<i>Bombyx mori</i> L.) for better productivity in Odisha	Journal of Pharmacogonosy and Phytochemistry	9 (4)	990-994	2020
4	Amardev Singh, MT Himantharaj and Khasru Alam	Acceleration of natural mounting process in the silkworm, <i>Bombyx mori</i> L by applying dust formulation of dried eucalyptus leaves	Journal of Pharmacogonosy and Phytochemistr y	9 (4)	146-149	2020

5	Khasru Alam , Manjuatha G. R., S.K. Mishra and V. Sivaprasad	Evaluation of hydrogel with drip irrigation on mulberry production in Odisha	Sericologia	60 (1&2)	1-5	2020
6	Bhattacharjya, D., Alam, K. , Bhuimali, A. & Saha, S	Status, potentials, constrains and strategies for development of sericulture farming system in West Bengal state of India (review)	<i>Bulg. J. Agric. Sci.,</i>	26 (4),	709-718	2020
7	Soumen Saha, Khasru Alam , Sinchan Adhikari and Parthadeb Ghosh	Efficiency and reliability of random DNA markers (RDMs) for evaluation of genetic variability and relationship in <i>Ocimum</i> accessions..	Plant Gene : ELSEVIER	23 (2020)1002 41	1-18	2020
	Khasru Alam , Debjoy Bhattacharya, Tanmay Chowdhuri, Soumen Saha and P.K.Kar	Biodiversity status and conservational requirements of tropical Tasar (<i>Antheraea mylitta</i> D.)- a review.	<i>Journal of Ecology Environment and Conservation</i>	24(4).	1887-1894	
	Gupta, V.P., Khasru Alam , Vineet Kumar, G.S. Vindya and R.K. Rajan	Induction of systemic resistance (SAR/ISR) in mulberry (<i>Morus indica</i> . L.) against leaf rust (<i>Cerotelium fici</i>) disease by plant activators.:	<i>Sericologia</i>	46(2)	203-212	2006

Participation in National and International conferences:

1. **Khasru Alam**, Amardev Singh and Soumen Saha (2020) diversity in cocoon and associated parameters in two different Tasar (*Antheraea mylitta* D.) ecoraces of simlipal Biosphere Reserve, Odisha (**Abstract**) paper presented in International online conference on ‘‘ Recent Trends in Agriculture, Biosciences, Computer Applications, Environment & Humanities (RTABCEH-2020), during 18th and 19th August in Poonch, Jammu and Kashmir.
2. **Khasru Alam**, Prasant Kumar Kar and Soumen Saha (2018) Diversity in cocoon and associated parameters in wild tasar ecoraces of Simlipal Biosphere Reserve, Odisha. (**Abstract**) National Seminar on emerging areas of ‘‘Sericulture - issues, challenges and

industrial application for sustainable development and eco-restoration” Raiganj, West Bengal, 30th – 31st January-2018

3. Gargi, **K. Alam**, R. Kumar, S.K.Sinha, N. Mandal, M.K.Singh and N.B.Vijayprakash (2009). Comparative studies of pre existing defence structures in *Terminalia tomentosa* W & A accessions against leaf spot disease caused by *Pestalotiopsis palmarum* (Cooke) (**Abstract**) paper presented in National Conference on Vanya Silk 28-30th January 2009, under the aegis of NASSI, Bangalore held at CMERTI, Central Silk Board, Jorhat, Assam.
4. Gargi, **Khasru Alam**, Rajendra Kumar, Namita Mandal, S.K.Sinha, M.K.Singh and N.B.Vijayprakash (2009).Disease tolerance as a parameter for tasar host plant biodiversity (**Abstract**) paper presented in National Workshop on “Seri-Biodiversity Conservation” on 7-8th March-2009 organised by CSGRC, Central Silk Board Hosur.
5. Gargi., N.B.Vijayprakash, R. Kumar, Namita Mandal, **Khasru Alam**, and M.K.Singh (2009).Agroforestry technologies in Tasar Culture for sustainable resource utilization **Proceedings of conference** on ‘Integrated Farming System Models for eastern Region of India, Eds R.Ramani., S. Ghosal and B,Baboo. pp 71-81.
6. Gargi, **Khasru Alam**, R. Kumar, N. Suryanarayana and Joshi M.C. (2008). Screening of different accessions of tasar silkworm food plants against leaf spot (*Pestalotiopsis palmarum*. Cooke) and investigation on changes in chlorophyll content of leaves due to diseases. (**Abstract**) paper presented in the International Conference on Trends in Seribiotechnology 27-29 March 2008, Anantapur, Andhra Pradesh.