

Scientist Profile



Name : Dr. Vikram Kumar
Designation : Scientist - B
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Complete Address of the organization : Central Silk Board,
 MESSO, P-3 Unit,
 Rompara, Resubelpara,
 North Garo Hills,
 Meghalaya, India.

Educational qualification:

Degree	University/ Organization	Specialization	Year of Passing	Division/ Marks in %	Remarks
Bachelor's degree B.Sc. (Ag.)	VNMKV, Parbhani (Maharashtra)	Agriculture	2013	1 st , 78.70	ICAR – National Talent Scholar
PG Diploma in Plant Health Management	NIPHM, Hyderabad (Telangana)	Plant Health Management	2013	1 st , 72.00	
Master's degree M.Sc. (Ag.)	CCSHAU, Hisar (Haryana)	Agronomy	2015	1 st , 76.50	ICAR – JRF Scholar
Ph.D. degree	I. Ag. Sc., BHU, Varanasi (Uttar Pradesh)	Agronomy	2021	1 st , 81.20	UGC- Research Fellow, UGC - NFSC
NET	ASRB, New Delhi	Agronomy	2015, 2017, 2021	87.11	

Area of research interest / present involvement:

Weed Management, Host Plant Management, Farm Management, Seed Production.

Professional experiences:

Post held	Organization	Period		Nature of work
		From	To	
Assistant Manager	National Fertilizers Limited	01/05/2018	28/12/2018	Coordinating marketing team with Regional office, Conducted experiments on newly developed product .

Scientist – B	Central Silk Board, Muga Eri Silkworm Seed Organization	01/02/2019	Continue	Seed Production, Research, Training and Extension in the field of Sericulture.
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Awards/honour/fellowship (if any):

S. No.	Name of Award/ Honour	Conferred Organization	by	Year of Award
Fellowship				
1.	National Talent Scholar	ICAR, New Delhi		2009-2013
2.	Junior Research Fellowship	ICAR, New Delhi		2013-2015
3.	Research Fellowship	UGC, New Delhi		2015- 2016
4.	Senior Research Fellowship	ICAR, New Delhi		2016
5.	NFSC	UGC, New Delhi		2016- 2018
Award				
1.	Best Poster Award	MRFSW & Institute of Agril. Sciences, Varanasi		2017

Major project handled/handling: Handling 3 project as a Co-PI

Sr. No.	Project Title	Budget	Duration
1.	Effect of various host plants separately and in combination on rearing and grainage performance of Muga silkworm, <i>Antheraea assamensis</i> Helfer	19.74 lakh	2021-2024
2.	Transcriptome studies for susceptibility of Muga silkworm (<i>Antheraea assamensis</i> Helfer) to diseases	37.34 lakh	2022-2026
3.	Diapause induction mechanism in Muga silkworm (<i>Antheraea assamensis</i> Helfer)	13.00 lakh	2022-2025

Publications (total):

S. No.	Detail of Publications	Numbers only
1.	Refereed/ Indexed/ NASS rated Journals of rating 4.0 or above	25

2.	Edited chapter in book	10
3.	Practical/Training Manuals Published through a Commercial Publisher	03
4.	Popular articles/ Bulletins/ Short Communications in Technical Journals	18
5.	Electronic media coverage, articles published in newspapers and magazines;	05

Important recent publications (maximum 10 to be listed in bibliographic form):

Sr No	Publication reference (Authors, year, title, name of journal, vol.,pp)	NAAS rating-2021
1.	Vikram Kumar , R.K.Singh, R.K. Parihar and Sunil Kumar (2022), Performance of different combination of herbicides and aqua based formulation on weedy condition in sugarcane, <i>Indian Journal of Weed Science</i> (Accepted)	5.84
2.	Vikram Kumar , V.S. Hooda, D.P. Nandal, Sunil Kumar and G. Gupta (2017), Influence of weed management practices on nutrient uptake and productivity of basmati rice under different dates of transplanting, <i>Environment and Ecology</i> , 35 (2A): 885-889.	5.25
3.	Vikram Kumar , R.K.Singh, G. Gupta and Amit Kumar (2022), Influence of different water based extract and herbicides on growth, yield attributing character and yield of spring planted sugarcane, <i>Annals of Agricultural Research</i> (Accepted)	4.78
4.	Vikram Kumar , V.S.Hooda, D.P.Nandal, Sunil Kumar and G. Gupta (2017), Influence of different transplanting date and weed management practices on yield and quality of basmati rice (Pusa Basmati -1509), <i>Journal of Applied and Natural Science</i> , 9 (4): 1958-1961.	4.28
5.	R.K. Parihar, V.K. Srivastava, Sandeep Kumar, Vikram Kumar and S. Swami (2020), Weed dynamics, weed control efficiency and yield of aerobic rice as influenced by different weed management practices in eastern UP, <i>Journal of Environmental Biology</i> , 41: 1735-1740.	6.78
6.	Sunil Kumar, R.N. Meena, R.K.Singh, V.K. Shrivastava, Vikram Kumar and K. Hemalatha (2022), Studies on tillage and green manuring for enhancing productivity of wheat (<i>Triticum astivum</i>), <i>Indian Journal of Agricultural Sciences</i> , 92(3): 353-356.	6.21

7.	Sunil Kumar, R.N. Meena, R.K. Singh, V.K. Srivastava, Vikram Kumar and K. Hemalatha (2019), Productivity and profitability of maize (<i>Zea mays</i>) as influenced by tillage practices and green manuring under Eastern Uttar Pradesh conditions, <i>Indian Journal of Agronomy</i> , 64 (1): 81-86.	5.55
8.	R.K. Parihar, V.K. Srivastava, A. Pandey, Vikram Kumar and G. Gupta (2019), Influence of weed management practices on growth and yield of aerobic rice (<i>Oryza sativa</i> L.), <i>Annals of Agricultural Research</i> , 40 (1): 15-19.	4.78
9.	K.. Indirakumar, Devi M., Vikram Kumar and Abhishek Singh (2022), Stem borer infestation on Muga host plant Som (<i>Persea bombycina</i>), <i>International Journal of Agriculture Sciences</i> , 14(7): 11534-11535.	4.73
10.	M. Majumdar, L. Guha, Vikram Kumar , B. Das and P. Borpuzari (2021), Ichneumon wasp <i>Xanthopimpla pedator</i> – a pupal parasitoid of Muga silkworm (<i>Anthrarea assamensis</i>), <i>International Journal of Advanced Research in Biological Sciences</i> , 8(7):152-156.	DOI: 10.22192/ijar bs

Book/booklets:

Sr. No.	Author Name	Title of booklets	Published by
1.	Vikram Kumar , M. Majumdar, D. Marak and K.D. Sangma	Intensive package and practices of Muga silkworm rearing and grainage	CSB, MESSO, P-3 Unit, Rompara
2.	M. Majumdar, Vikram Kumar , S.G. Momin and W. R. Sangma	Advanced methodology for quality seed production of Muga silkworm	CSB, MESSO, P-4 Unit, Mendipathar
3.	M. Majumdar, Vikram Kumar , S.G. Momin and W. R. Sangma	Integrated method of Muga silkworm rearing and its practical application	CSB, MESSO, P-4 Unit, Mendipathar

Technology developed:

- Developed different aqua based plant extract for weed management.
- Firstly identified Ichneumon wasp *Xanthopimpla predator* – a pupal parasitoid in Muga silkworm.

Professional training attended:

S. No.	Name of Training	Organized at	Duration	
			From	To
1	Molecular Biology Techniques in	Seri Biotech Research Laboratory, Kodathi	27/06/2022	30/06/2022

	Seribiotechnology			
2	Intensive Training on Mulberry Sericulture	Central Sericultural Research and Training Institute, Berhampore	21/02/2019	16/03/2019
3	Remote Sensing and GIS Application in Carbon Forestry	Indian Institute of Remote Sensing	16/02/2017	10/03/2017
4	Training on Fruit and Vegetable Preservation	Directorate of Horticulture and Food Processing, Varanasi	16/01/2017	30/01/2017
5	Scientific Beekeeping and Integrated Pest Management in Crops	CCSHAU, Hisar	13/01/2014	29/01/2014

Any other achievement/contribution

- Member of Editorial Board in the prestigious magazine “The Agriculture Magazine”.
- Awarded as excellence in Reviewing by “Asian Journal of Research in Crop Sciences”.
- Member of National Advisory Committee for the “National Workshop on Medicinal and Underutilized Plant Species for Health and Nutritional Security (MUPSHNS)” organised by Krishi Vigyan Kendra, Anta- 325202 Baran (Directorate of Extension Education) Agriculture University, Kota (Raj.) & Co-Sponsored by NABARD, Jaipur.
