

## Detailed CV

### Personal Data



**Name** : Abhishek Singh  
**Immediate position** : **Scientist-B**  
**Central Silk Board, Ministry of Textiles,**  
**Government of India.**

**Date of Birth** : Jan 1, 1994  
**Present Address** : MESSO, P-3 Unit,  
Nongpoh, Ri-Bhoi, Meghalaya

**Telephone Numbers** : 07905106039 (Mobile)  
**E-mail/Website** : [abhisheksinghcsa@gmail.com](mailto:abhisheksinghcsa@gmail.com)  
**Specialization(s)** : Host Plant & Nutrient Management  
**Special Training** : 6 Months, RAWE (Rural Agricultural Work Experience)  
training (July-Dec. 2013) organized by ICAR

### 2. Academic Qualifications

Degree	Institution	Year	Division	Subjects
<b>M.Sc.</b> <b>(Agronomy)</b>	IAS- BHU, Varanasi-221 005 (UP) INDIA	2016	First (81.20)	Agronomy, Soil Science, Statistics and plant physiology
<b>Thesis Title:</b>	Effect of NPK levels and bio-fertilizer on growth, yield and economics of basmati rice ( <i>Oryza sativa</i> L.) cv. HUBR 10-9.			
<b>B.Sc. Agri.</b> <b>(Honours in Agriculture)</b>	CSAUT, Kanpur-208002	2014	First (81.30)	All agricultural subjects with computer application
<b>Intermediate</b>	UP Board, Allahabad	2010	First (71.00)	Biology
<b>High School</b>	UP Board, Allahabad	2008	First (60.00)	Science
<b>Qualified ICAR-SRF with 2<sup>nd</sup> all India rank.</b> <b>Qualified ICAR-JRF with 4<sup>th</sup> all India rank.</b> <b>Qualified ICAR-NET with 72% marks.</b> Field of specialization: <b>Agronomy (Host Plant &amp; Nutrient Management)</b>				

### 3. Professional Attainments

- Fellowships-2, 1- ICAR Junior Research Fellowship.  
2- ICAR Senior Research Fellowship.

### 4. Project and Research Work

Co-investigator in 2 collaborative projects with SBRL, Kodathi, Bangalore.

1. Transcriptome studies for susceptibility of Muga silkworm (*Antheraea assamensis* Helfer) to diseases. (AIT08010MI)
2. Biological and molecular characterization of virosis in Muga silkworm, *Antheraea assamensis* Helfer. (ARP08007MI)

### 4. Publications

- Research Papers- 8
- Review articles- 6
- Popular Articles- 6
- Books/ Booklets- 1
- Book chapters- 4
- Success Story- 1

### Research Publications in National / International Journals

1. **Abhishek Singh**, U. Sai Sravan, Sandeep Kumar and Singh, S.P. 2017. Impact of Fertility Levels and Bio-Fertilizers on Growth, Yield and Economics of Basmati Rice. *Int.J.Curr.Microbiol.App.Sci.* 6(4): 1471-1476 ( NAAS rating : 5.38)
2. Gangadhar Nanda, Uppu Sai Sarvan, **Abhishek Singh**, Singh, S.P. 2016. Effect of Levels and Bio-Organics on Growth, and Economics of Basmati Rice (*Oryza sativa L.*) *Environment and Ecology.* 34(3c) 1530-1534. ( NAAS rating : 4.19)
3. Gangadhar Nanda, **Abhishek Singh**, Singh, S.P. 2017 Nutrient removal and economics of wetland rice (*Oryza sativa L.*) as influenced by NPK levels and Bio-Organics. *Trends in Bioscience.* 10(2): 618-621. ( NAAS rating : 3.94)
4. **Abhishek Singh**, Sudhanshu Verma, Sandeep Kumar and SP Singh. 2017. Yield and nutrient removal of basmati rice as influenced by NPK levels and Bio-fertilizers. *International Journal of Chemical Studies*, 5(4): 1953-1956. ( NAAS rating : 5.31)
5. M. P. Neupane, S. P. Singh , U. Sai Sravan and **Abhishek Singh**. 2017. Effect of soil and foliar nitrogen application on growth yield and quality of baby corn cultivars. *Journal of Experimental Agriculture International*, 16(3): 1-11, 2017; Article no.JEAI.32574. (NAAS rating : 4.69)

6. Susovan Sarkar, Mahasankar Majumdar, Vikram Kumar, **Abhishek Singh**. 2020. Study on Efficiency of Different Types of Mountages in Silkworm (*Bombyx mori* L) Rearing. *International Journal of Research and Analytical Reviews*, 7(2): 553-568
7. Sudhanshu Verma, **Abhishek Singh**, Swati Swayamprabha Pradhan, J.P. Singh and S.K. Verma, 2018. Effects of organic formulations and synthetic fertilizer on the performance of pigeonpea in eastern region of Uttar Pradesh. *Bangladesh Journal of Botany*, 47(3): 467-471 (NAAS rating : 6.30)
8. Mahasankar Majumdar, Vikram Kumar, Prabhat Borpuzari, **Abhishek Singh**. 2020. Cost effective management of summer grainage (May-August) of Muga silkworm (*Antheraea assamensis* Helfer) for better performance in Garo Hills, Meghalaya. *Int J. of Advanced Research in Biological Sciences*. 7(10): 11-23. (NAAS rating : 3.33)

## Review article

- 1 Sudhanshu Verma, **Abhishek Singh**, Swati Swayamprabha Pradhan, R.K. Singh and J.P. Singh, 2017. Bio-efficacy of Organic Formulations on Crop Production-A Review. *Int.J.Curr.Microbiol.App.Sci*. 6(5): 648-665 ( NAAS rating : 5.38)
- 2 Sudhanshu Verma, Pooja, Shani Kumar Singh, Swati Swayamprabha Pradhan and **Abhishek Singh**. 2021, A Review on Response of *Neem* Seed and Leaf Extract on Crop Protection and Production. *International Journal of Plant & Soil Science*, 33(6): 22-27
- 3 **Abhishek Singh**, Vikram Kumar, Sudhanshu Verma, Mahasankar Majumdar and Susovan Sarkar. 2020, Significance of vermicompost on crop and soil productivity: A review, *International Journal of Chemical Studies*. 8(5): 1529-1534(NAAS rating : 5.31)
- 4 Pooja, Sudhanshu Verma, Swati Swayamprabha Pradhan, Pankaj Kumar Gupta & **Abhishek Singh** , A review on crop establishment method on weed, yield and quality of maize crop, *The Pharma Innovation*. 2022; 11(5) 696-698. (NAAS rating : 5.03)
- 5 Vikram Kumar, Abhishek Singh, K. Indirakumar, M. Majumdar and Lopamudra Guha.2022 Effect of different Host plants on Rearing and Grainage activity on Muga silkworm (*antheraea assamensis*) *International Journal of Agriculture Sciences*. Volume 14, Issue 8, accepted. ( NAAS rating : 4.57)
- 6 K. Indirakuma, Devi M., Vikram Kumar and Abhishek Singh. 2022. Stem borer infestation on Muga Host plant Som (*Persea bombycina*) *International Journal of Agriculture Sciences*. Volume 14, Issue 7, accepted. ( NAAS rating : 4.57)

## Popular article

- 1 Sudhanshu Verma and **Abhishek Singh**. 2016. Effect of Green Manuring on Sustainable Soil Health Management: A Review. *Popular Kheti*, 4 (3): 63-70. (eISSN : 2321-0001).

- 2 **Abhishek Singh**, Report of farmer skill training programme organized by MSSO, P-3 Unit Nongpoh”, *Indian Silk*. Jan-Feb 2021 Vol.11 (Old 59) No.5 p. 40.
- 3 **अभिषेक सिंह**, मुगा किसानों के लिए एक वरदान, **हिन्दी न्यूज़ लेटर**, मुगा रेशमकीट बीज संगठन, खंड-V अर्धवार्षिक न्यूज़ लेटर, जुलाई-दिसंबर, 2020 पेज-5
- 4 “जलवायु परिवर्तन एवं इसका मुगा रेशम कीट पालन पर प्रभाव” Vikram kumar, **Abhishek Singh**, Mahasankar Majumdar, Lopamudra Guha, Hridya H., Ritesh kumar Parihar, **Kheti** June-2020, 27-29.
- 5 “रेशम मार्ग - संस्कृति और वाणिज्य का एक राज्यमार्ग” Vikram kumar, Lopamudra Guha, Hridya H., **Abhishek Singh**, Mahasankar Majumdar, Ritesh kumar Parihar, **Kishan bharti** (Accepted)
- 6 **Abhishek Singh**, Report of Muga Field day programme organized by MSSO, P-3 Unit Nongpoh”, *Indian Silk*. Sep-Oct 2020 Vol.11 (Old 59) No.3 p. 41.

### Books/ Booklets

1. A technology booklet on “**Improved methods of Muga Silkworm Rearing and Seed Production**”-2019 in English.

### Book Chapter

1. **Abhishek Singh**, Sudhanshu Verma, Sandeep Kumar, V.K. Verma, U. S. Sarvan 2016. Potentiality, Role and Constrants of Bio-Fertilizer in Sustaining Agriculture production. R.R.Rao (Ed.) Climate change and its implication on crop production and food security. Pp 147-152 **ISSN: 978-81-926935-4-5**
2. Sudhanshu Verma, **Abhishek Singh**, S.S. Pradhan, V.K. Verma, Shani Singh, S.B. Maurya. 2016. Protecting Food security through Mitigating Climate Change. R.R.Rao (Ed.) Climate change and its implication on crop production and food security. Pp 21-28 **ISSN: 978-81-926935-4-5**
3. Sandeep Kumar, A.V. Dahipahle, Hari Singh, Neha Sharma, Sanjeev kashyap and **Abhishek Singh**. 2016. Guinea Grass (*Panicum maximum*) and efficient palatable fast growing perennial grass – Book review. R.R.Rao (Ed.) Climate change and its implication on crop production and food security. Pp 328-334 **ISSN: 978-81-926935-4-5**
4. Bahadur, S.,Maurya, S.P.,Sihag, S.K., Sudhanshu Verma and **Abhishek Singh**,. 2014. Modern Agriculture and its impact on ecological balance. Book review. R.R.Rao (Ed.) International Conference on Novel Innovations and Strategies for Boosting Production and Productivity in Agriculture,Pp 378-384. **ISSN: 978-81-926935-4-5**

### Success Story

1. **Abhishek Singh**, Monju Sohkhwai: A progressive muga rearer from Meghalaya, *Indian Silk*. March-April 2021 Vol.11 (Old 59)No.6 p. 40.

## 5. Training Programme Attended

1. Participated in the Four days On-line Training Programme on “Extension Management Approaches for Promotion of Sericulture Industry” organized by **National Institute of Agriculture Extension Management (MANAGE), Hyderabad** from 19-22 January, 2021
2. Participated in “Three days Skill Development Programme on Sericulture” organized by Department of entomology, College of Agriculture, **Parul University, Vadodara** from 15-17, July, 2021
3. Participated in the Four days hands on Training Programme on “Molecular Biology Technique in Seri biotechnology” organized by **Seri Biotech Research Laboratory, CSB, Bangalore** from 27-30, June, 2022.

## 6. International Conferences attended and research papers presented

1. **Abhishek Singh**, Verma, S, Maurya,S.P.,Bahadur, S., 2014. Enhancing vertical production of wheat through integrated nutrient management, *International Conference on Novel Innovations and Strategies for Boosting Production and Productivity in Agriculture*, organized by Mahima Research Foundation and Social welfare,194, Karaundi, BHU-Varanasi (UP) India, Nov 15-16, 2014.
2. **Abhishek Singh**, Verma, S,Sarvan,U.S.,Singh, S.,Verma, V.K.,2016. Soil health and sustainability: Managing the soil quality, *National Conference on Managing Soil Resource for environmental Sustainability: Challenge and Perspective*, organized by Institute of Environmental and sustainable Development, B.H.U.-Varanasi (UP) India, Dec. 9-10, 2016.
3. Verma, V.K., Gaurav, Kumar, A., **Abhishek Singh**, and Verma, S., 2016. Effect of resource conservation technology on agricultural productivity, *International Conference on Climate Change and Its Implications on Crop Production and food Security*, organized by Mahima Research Foundation and Social welfare,194, Karaundi, BHU-Varanasi (UP) India, ( Nov 12-13, 2016).
4. Verma, S., **Abhishek Singh**, A., Swayamprbha, P., Verma, V.K., Singh, S., and Maurya, S.B., 2016. Impact of climate change on global food security, *International Conference on Climate Change and Its Implications on Crop Production and food Security*, organized by Mahima Research Foundation and Social welfare,194, Karaundi, BHU-Varanasi (UP) India, ( Nov 12-13, 2016).
5. **Abhishek Singh**, Verma, S., Kumar, A., Verma, V.K., Sravan, U.S. 2016. Role of bio-fertilizers in modern agriculture production, *International Conference on Climate Change and Its Implications on Crop Production and food Security*, organized by Mahima Research Foundation and Social welfare,194, Karaundi, BHU-Varanasi (UP) India, ( Nov 12-13, 2016).

## 7. Conferences/seminar/workshops participated

1. International Conference on Novel Innovations and Strategies for Boosting Production and Productivity in Agriculture, organized by Mahima Research Foundation and Social welfare, 194, Karaundi, BHU-Varanasi (UP) India, Nov 15-16, 2014.
2. National Seminar on Sustainable Rural Development through Soil Health and Fertility Management in Agriculture organized by Krishi Vigyan Kendra, .IA.S., B.H.U. venue: R.G.S.C. Barkachha Mirzapur Feb 14-15, 2015.
3. National Seminar on Forestry and Agriculture for Sustainable Future organized by Orissa Environment Society Bhubaneswar, venue: OUAT, Bhubaneswar (Orissa), Dec 3-4, 2016 .
4. National Conference on Managing Soil Resource for environmental Sustainability: Challenge and Perspective, organized by Institute of Environmental and sustainable Development, B.H.U.-Varanasi (UP) India, Dec. 9-10, 2016.
5. National Symposium on How to Face interview in Social Science and Other Disciplines, Organized by Department of political Science B.H.U. Varanasi (UP) India, 28 December, 2016

## 8. Certificate of Appreciation

1. A certificate of appreciation for preparation of the among best models had delivered by Head of Department (Agronomy) on Watershed Management and Conservation Agriculture in Farmers Fair & Agro –industry Exhibition, organized by **IAS, Banaras Hindu University, Varanasi (UP) India**, March 7-8, 2015.
2. A certificate of appreciation from **Department of Textiles, Meghalaya** for participation in the State level Workshop on Implementation of Central sector scheme Silk Samagra-2 for development of silk industry in Meghalaya, on 12<sup>th</sup> July 2022.

## 8. Other Curriculum Activities

1. National Service Scheme (NSS)
2. Course on Computer Concepts (CCC)