

CURRICULUM VITAE**SHWETA SINGH****Mob: +91-9140864293**E-mail: drshwetasingh7@gmail.com

Personal profile

- Date of Birth : 30/11/1989
- Father's Name : Sri Ramesh Kumar Singh
- Mother's Name : Smt Manju Singh
- Gender : Female
- Nationality : Indian
- Marital Status : Married
- Language Known : English and Hindi

Permanent and Correspondence address : D/O Dr. Ramesh Kumar Singh, Ashokpuram colony,
plot no 88, post Dafi near BHU,
7Varanasi- 221011,

India (U. P.).

Academic qualification

- Ph.D. (Plant Biotechnology), 2013 – 2019:** Banaras Hindu University, Varanasi.
- Master of Science (Plant Biotechnology), 2011 – 2013: 88.40%.** Banaras Hindu University, Varanasi. Thesis title: “Genetic study of lesion mimic traits in relation to spot blotch resistance in spring wheat (*Triticum aestivum* L. em. Thell.) using molecular marker”.
- Bachelor of Science (Hons.) (Botany, Chemistry & Zoology), 2008 – 2011: 71.00 %** Banaras Hindu University, Varanasi (U. P.).
- Higher secondary/Intermediate (12th), 2006: 66.80%** Ashok. Inter College, Baburi Chandauli India (U.P.).
- Senior Secondary/High School (10th), 2004: 68.44%** Nagar Palika Inter College, Mughalsarai India (U.P.).

Fellowships

- CSIR-UGC Junior Research Fellowship** from University Grant Commission, New Delhi, India .

Awards

- Awarded **BHU Gold Medal** 2011-2013.
- Qualified CSIR-UGC NET JRF in DEC 2012.

Research experiences

- **Six years** research and teaching experience as a PhD student in Department of Botany and Department of Genetics and Plant Breeding, **BHU, Varanasi, India** (2011-2013).

Professional training

- 3 days** training on “ Techniques in Biology ” at **Mahila Maha Vidyalaya B.H.U. Varanasi, India** (March 24 –26, 2011)
- 3 days** training on spot-blotch and lesion mimic in wheat at **Institute Of Agricultural Sciences B.H.U. Varanasi.**
- **One weak** Hands on training program on C and MATM lab at **Interdisciplinary school of mathematical sciences B.H.U. Varanasi, India** (December 27, 2014 to January 02 ,2015)

21 days training on tools and techniques in plant biotechnology Department of GPB BHU
Technical skills.

Teaching experience: 3 years, as a home tutor. Foundation, NEET, CSIR Life sciences Net JRF examinations.

Publications.

| Publication | Title of the Paper | Journal Name | Year | Vol. | Page | ISSN | Impact | Authorship | UGC Journal | Plagiarism/Similarity | M |
|---------------|---|---|------|------|-----------|-----------|------------------|---|-------------|---------------------------------|---|
| Peer Reviewed | Genetic Diversity Studies and Heritability of Spot Blotch with Phenotypic Traits In Wheat (<i>Triticum aestivum</i> L.) | International Journal of Agriculture, Environment and Biotechnology | 2018 | Spl | 891-898 | 2230-732X | No Impact factor | Other/Joint Author | Yes | Level 0: Similarities up to 10% | 2 |
| Peer Reviewed | Study of Ppd-D1 gene impact on different phenotypic traits in wheat (<i>Triticum aestivum</i> L.) | Journal of pharmacognosy and phytochemistry | 2019 | 8 | 2222-2225 | 2278-4136 | No Impact factor | Other/Joint Author | Yes | Level 0: Similarities up to 10% | 2 |
| Peer Reviewed | Isolation and Identification of Antibacterial Compounds Isolated from Endophytic Fungus <i>Emericella qauadrilineata</i> | Natural product chemistry and research | 2016 | 4 | 01-07 | 2329-6836 | No Impact factor | Other/Joint Author | Yes | Level 0: Similarities up to 10% | 2 |
| Peer Reviewed | BI PLOT ANALYSIS FOR SPOT BLOTCH AND YIELD TRAIT USING WAMI PANEL OF SPRING WHEAT | Journal of Experimental Biology and Agricultural Sciences | 2020 | 2 | 115-124 | 2320-8694 | No Impact factor | Other/Joint Author | Yes | Level 0: Similarities up to 10% | 2 |
| Peer Reviewed | Distribution of Leaf Tip necrosis Genes and its Association with Expression of Lesion Mimic Genes and Resistance to Spot Blotch in Spring Wheat | IJLSSR | 2017 | 1 | 808-815 | 2581-8732 | No Impact factor | One of the two author/ First and Principal/Corresponding author | Yes | Level 0: Similarities up to 10% | 2 |
| UGC Listed | In vitro Potential of Endophytic Fungus <i>Aspergillus terreus</i> (JAS-2) Associated with <i>Achyranthus aspera</i> and Study on its Culture Conditions | Biology and Medicine | 2016 | 8 | 01-07 | 0974-8369 | No Impact factor | Other/Joint Author | Yes | Level 0: Similarities up to 10% | 2 |
| UGC Listed | Genome-wide association mapping of spot blotch resistance In wheat association mapping initiative (WAMI) panel of spring wheat (<i>Triticum aestivum</i> L.) | Plos one | 2018 | 1 | 01-14 | 1932-6203 | between 2 and 5 | Other/Joint Author | Yes | Level 0: Similarities up to 10% | 2 |
| UGC Listed | Genetic study of lesion mimic and other trait in relation to spot blotch resistance in spring wheat. (Shweta Singh ¹ , Vinod Kumar Mishra ^{2*} , Ravindra Nath Kharwar ³ , Neeraj Budhlakoti ⁹ , et al. | Plos one | 2020 | 1 | 01-16 | 1932-6203 | between 2 and 5 | One of the two author/ First and Principal/Corresponding author | Yes | Level 0: Similarities up to 10% | 2 |

Book Chapter:

Shweta Singh and Navaneet Singh (2014). Nature of plant adaptation against abiotic stress.

Ravi Ranjan Saxena, **Shweta Singh**, Priya Singh, Navaneet Singh, P.S. Yadav and Mohan Lal Meena (2014). Sustainable development to save our planet.

Lab experience

Plant Genomic DNA isolation and purification

PCR Techniques (Microsatellite, RAPD, CAPS)

Gel Electrophoresis (Agarose and PAGE) and Gel Documentation System

Histopathology and Histochemical screening

Plant Tissue-Culture Techniques

Field experience

Planning experimental layout for various types of trials

Crossing in Wheat, rice, crop

Screening of wheat and rice crops .

Declaration

I hereby declare that the above furnished information is true to the best of my knowledge.

Date: **26.04.2022** Place: **Varanasi**