

## Dr. Vikrant Tyagi

Assistant Professor

Department of Genetics and Plant Breeding  
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**PROFILE:** Dr. Vikrant Tyagi is Assistant Professor, Department of Genetics and Plant Breeding, Dr. Khem Singh Gill Akal College of Agriculture at Eternal University, Baru Sahib, Himachal Pradesh, India. He has an experience of **09** years and **03** months in teaching and research experiences on Pre-Breeding, Heterosis Breeding, Conventional Breeding and Varietal Improvement in different crops. He has received his Ph.D. degree in Plant Breeding and Genetics from Punjab Agricultural University (PAU), Ludhiana, Punjab in 2013, M.Phil. and M.Sc. in Genetics and Plant Breeding, B.Sc. (Ag.) from Ch. Charan Singh University (CCSU), Meerut, (U.P.) in 2009, 2008 and 2006 respectively.

To his credit **109** publications [**57** research/review articles, **01** experimental learning manual, **03** book chapters, **10** patents/varieties/hybrids and **40** other publications] with h-index **12**, i10-index **16**, and **393** citations (Google Scholar- on 07/04/2023). He has guided **02** M.Sc. Scholar and currently guiding **05** M.Sc. Scholar.

**ASSOCIATION (PRESENT ORGANIZATION):** Dr. Vikrant Tyagi has been associated with Eternal University since **2020** and has played a major role in upbringing the standard of education. Dr. Tyagi taught various subjects like, Principles of Seed Technology (PBG-202), Crop Improvement-II (Rabi Crops) (PBG-302), Crop Improvement-I (Kharif Crops) (PBG-301), Seed Production of Vegetables and Flowers (Hort.-406) to B.Sc. (Ag.) and Cell Biology and Molecular Genetics (GP-508), Principles of Genetics (GP-501), Heterosis Breeding (GP-507), General Genetics (BT-504), Computational Biology & Biostatistics (BT-505), Population and Biometrical Genetics (GPB-524), Mutation Breeding (GPB-517), Breeding for Biotic and Abiotic Stress Tolerance (GPB-520), Breeding of Horticultural crops (Hort.-509) and Breeding Field Crops (GPB-515) to PG Students.

**AREAS OF EXPERTISE:** Pre-Breeding, Heterosis Breeding, Conventional Breeding and Varietal Improvement

**SIGNIFICANT CONTRIBUTIONS:** He has been actively involved in establishment of Genetics and Plant Breeding Laboratories and revising the M.Sc. Ag. (Genetics and Plant Breeding) course curriculum as per the ICAR guidelines.

**SIGNIFICANT POSITIONS:** He is holding position at Eternal University, Baru Sahib as

1. **In-Charge**, Genetics and Plant Breeding Laboratory
2. **Member**, Internal Quality Assurance Cell (IQAC)

**Research/ teaching Experience:**

1. Assistant Professor (AP), 12-02-2020 to till date at Eternal University, Baru Sahib, Sirmour, Himachal Pradesh
2. Research Associate (RA), 06-10-2017 to 31/12/2019 at Punjab Agricultural University, Ludhiana, Punjab
3. Research Assistant (RA), 02-09-2013 to 01/09/2017 at Punjab Agricultural University, Ludhiana, Punjab

**AWARDS:**

1. Merit Certificate in M.Sc.
2. Merit Certificate in M.Phil.
3. Gold Medal in M.Phil.
4. INSPIRE Fellowship during Ph.D.
5. Second Best Poster Prize
6. Best Thesis Award for Ph.D. Thesis 2018
7. Best Research Scholar Award 2018
8. Appreciation Certificate for Kisan Mela 2022

**MEMBERSHIPS: Life member**

1. The Indian Science Congress Association (ISCA), Kolkata, India.
2. Crop Improvement Society of India (CISI), Ludhiana, India.

**More details at**

1. **ORCID:** <https://orcid.org/my-orcid?orcid=0000-0003-2017-1328>
2. **Research gate:** [https://www.researchgate.net/profile/Vikrant-Tyagi?ev=hdr\\_xprf](https://www.researchgate.net/profile/Vikrant-Tyagi?ev=hdr_xprf)
3. **SCOPUS:** <https://www.scopus.com/authid/detail.uri?authorId=56015546600>
4. **Web of Science:** <https://www.webofscience.com/wos/author/record/AAU-7874-2020>
5. **Google Scholar:** <https://scholar.google.com/citations?user=L3v9uAIAAAAJ&hl=en>