

Dr. Imran Sheikh

Assistant Professor

Department of Genetics, Plant Breeding and Biotechnology

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PROFILE: Dr. Imran Sheikh is Assistant Professor, Department of Genetics, Plant Breeding and Biotechnology, Dr. Khem Singh Gill Akal College of Agriculture at Eternal University, Baru Sahib, Himachal Pradesh India. He has an experience of 05 years and 09 months in teaching of various undergraduate and postgraduate classes of Agriculture and Biotechnology. He has received Ph.D. degree in Biotechnology from Eternal University, Baru Sahib, H.P. in 2017, M.Sc. in Biochemistry from Punjab Agricultural University Ludhiana in 2007, B.Sc. (Botany, Chemistry and Industrial Microbiology) from S.C.D. Govt. College, Ludhiana in 2004.

To his credit 44 publications [38 research/review articles, 06 book chapters, and 51 research communications] with h-index 16, i10-index 21, and 1212 citations (Google Scholar-on 07/04/2023). He has guided 02 M.Sc. and currently guiding 03 Ph.D. Scholars.

ASSOCIATION (PRESENT ORGANIZATION): Dr. Imran Sheikh has been associated with Eternal University since July 2017 and has played a major role in upbringing the standard of education. Dr. Sheikh taught various subjects like Fundamentals of Plant Biochemistry and Biotechnology, Fundamentals of Genetics, Intellectual Property and its management in Agriculture, Cell and Molecular Biology, Immunology, Genetic Engineering and Research Methodology to all PG/ Ph.D. courses and actively involved in Rural Agricultural Work Experience (RAWE) programme of B.Sc. Agriculture as Co-coordinator

AREAS OF EXPERTISE: Molecular and Conventional Plant Breeding

SIGNIFICANT CONTRIBUTIONS: He is leading the “Development of Biofortified wheat” projects funded from Department of Biotechnology (DBT) Govt. of India mentioned below

1. **Principal Project Investigator (PI)** of a DBT-sponsored project titled “**High-resolution QTL mapping for iron (Fe), zinc (Zn), grain protein, and phytate content and their introgression in high-yielding wheat cultivars**” (Total fund: 38.071 Lakhs, for four years 2019-2022).

SIGNIFICANT POSITIONS:

1. Farm Superintendent
2. Joint Secretary, Alumni Association
3. Member Secretary Institute Germplasm Identification Committee (IGIC)
4. Time Table In charge Dr. Khem Singh Gill Akal College of Agriculture
5. In Charge of Plant Physiology and Biochemistry Laboratory

AWARDS:

1. Qualified **CSIR-UGC NET** examination (LS) in 2015 (AIR-62)
2. Qualified **ARS-NET** in September 2010

Expertise/Skills

1. Plant Molecular Biology, Conventional Plant Breeding, Molecular Plant Breeding, Plant Biotechnology, Plant Genetics, Agricultural Biotechnology, Molecular Markers, Crop Improvement, Plant Genomics,
2. Polymerase Chain Reaction (PCR), SSR and Gene based Markers Analysis, Gel electrophoresis (SDS-PAGE and AGE), Atomic Absorption Spectrophotometer (AAS), Cytological techniques (Mitosis and Meiosis), Primer designing, Plant Genomic DNA Extraction, Wheat, Barley and Maize breeding techniques.

MEMBERSHIPS: Life member of Indian Science Congress Association with Membership No. L29112

More details at

1. **ORCID-** <https://orcid.org/0000-0002-7629-6050>
2. **Research gate-** <https://www.researchgate.net/profile/Imran-Sheikh-5>
3. **SCOPUS-** <https://www.scopus.com/authid/detail.uri?authorId=56596417500>
4. **Web of Science-** <https://www.webofscience.com/wos/author/record/HTN-5163-2023>
5. **Google Scholar-** <https://scholar.google.co.in/citations?hl=en&user=cYnisHYAAAAJ>