

CV – Dr Amit C Kharkwal



Personal Details:

Date of Birth- 27th November 1974

Present Position & Address-Dy. Director and Associate professor, Amity Institute of Microbial Technology, Amity University Uttar Pradesh, Sector 125, NOIDA 201313, India

PG Degrees:

Ph. D (Conservation of *Podophyllum hexandrum* Royle) Department of Botany, Guru Nanak Dev University, Punjab (2003)

M. Sc. Environmental Botany, Jamia Hamdard, New Delhi (1997)

Research Experience:

Experience in Research & Analysis with leading research organisations. Have researched on varied topics in Agricultural Biotechnology including Plant Cell, Tissue and Hairy Root Culture and Plant Genetic Manipulation; Germplasm Characterization by using Molecular markers and Seed Biology.

The current areas of Work: R&D, formulation, training and demonstration of novel bio-fertilizers for sustainable agriculture. Working on development and commercialization of novel plant promoting fungal root endophytes. Recently, filed a patent on a new plant growth promoting fungal root endophyte i.e., *Talaromyces pupureogenus* HNB9 (application no. 2016110335437; Ref No. E-101/80765/2016-DEL) entitled "A System and Method of Endophytic activity of *Talaromyces pupureogenus* HNB9". The technology is currently under evaluation by M/s Indofil Industries limited, Mumbai after signing the NDA and MTA.

Research Funding:

Investigator for 10 completed projects: MoEF (01), DRDO (02), NMPB (02), DBT (01), DST (02), ICAR (01)

Number of Students Awarded/Enrolled Ph.D: 5/3

Number of Publications:

Books : 01 (Edited) Research Papers/ Articles: 51

Patents Filed/Granted: 19/6 (US Patent 2002, 6,449,899; Indian Patents-2)