

Curriculum Vitae
DEEPIKA KHANNA

Address for correspondence

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OBJECTIVE

To work in a high-energy, team driven and continuous learning environment that provides opportunities to enhance and leverage my skills to contribute to the success of the organization and helps in personal and professional development as I pursue my career.

ACADEMIC BACKGROUND

Qualification	Subject	University/ Board	Year	Performance
Ph.D.	Life Science (Microbiology)	Indus University	2021	pursuing
B. Ed	All subject of B. Ed	Dr. Bhim Rao Ambedkar University, Agra	2011	76%
M.Sc.	Microbiology	Bundelkhand University, Jhansi	2009	74%
B.Sc.	Microbiology, Chemistry, Zoology	Bundelkhand University, Jhansi	2007	70%
XII	Phy, Chem, Bio, Hindi, Eng	U.P. Board	2004	65%
X	Science, Maths, Social Studies, Hindi, Eng	U.P. Board	2002	52%

EXPERIENCE

- Presently working as Assistant Professor in Department of Microbiology, **Khyati Institute of Science**, Ahmedabad since 01/08/2017 till to date.
- One year lab experience as a research scholar under the guidance of Dr. S. Vimala Devi at CAFRI, Jhansi.
- 2 year Work experience as SRF (Senior Research Fellow) in NOVOD BOARD at CAFRI, Jhansi.

PUBLICATIONS:

RESEARCH PAPERS

1. 'Facile green synthesis of Metal Nanoparticles using biological systematics and their applications - A review' communicated in green chemistry RSC publication. (in process)
2. Deepika Khanna (2019). *Jatropha curcas* L. an impending source and its future perspectives, IJRAR. vol 6:(2), 552-563.

ABSTRACTS

1. S.Vimala Devi, S.Lal and **Deepika khanna** (2013). *Jatropha Curcus*: A sustainable biofuel crop for marginal and degraded lands. National Seminar on Biodiversity, organized by Bipin Bihari College, Jhansi.
2. S.Vimala devi, A.K.Handa, **Deepika Khanna** and Anurag Shrivastava (2014). Standardization of DNA extraction protocol for some of the important Tree Borne Oil seeds. Organized by World Congress on Agroforestry, New Delhi.
3. K. Rajarajan, **Deepika Khanna**, S. Vimala devi, A.K Handa and S.K.Dhyani (2014). Optimization of high quality PCR usable DNA extraction from *Azadirhicta indica*.Juss. Organized by ISTS-IUFRO conference

on sustainable resource management for climate change mitigation and social security.

4. S. Vimala Devi, A. K. Handa, **Deepika Khanna** (2014). Assesment of varieties in *Acacia nilotica* collections from the arid regions of MP and Rajasthan. Organized by World Congress on Agroforestry, New Delhi.
5. **Deepika Khanna**, S. Vimala Devi, A.K Handa, Vishal Singh, and Akriti verma (2015). Conservation of *Jatropha Curcas L.*, an important source of biodiesel and phytochemical. National seminar on medicinal plants, Organized by Bundelkhand university, Jhansi.

BOOK CHAPTER

1. S.Vimala devi, A. Datta, Vishal Singh, Anurag Shrivastava and **Deepika Khanna** (2014). Recent advances in breeding of biofuel crops.in ICAR sponsored training manual on” Agroforestry for Biofuel and biofuels and bioenergy” Organized by ICAR-NRCAF, Jhansi.

DISSERTATION TOPIC

“Quality assessment of some varieties of wheat grains for end use products” at M.P. counsel of science and technology

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED (SELECTED)

- Attended NATIONAL SEMINAR ON BIODIVERSITY: Ecological Security & Sustainable Utilization of Natural Resources
- Attended NATIONAL SEMINAR ON MEDICINAL PLANTS: Diversity, Conservation, Therapeutic potential and Human Welfare
- Participated in GSBTM sponsored National Symposium on “Biotechnology and Health science” Smt. S. S. Patel Nootan science and commerce college, Sankalchand university, Visnagar, held on October 2021
- Participated in AWSAR webinar on popular science organised by DST, Government of India and Vigyan Prasar, held on September 2021
- Attended an interactive session on ‘PIONEERS IN MICROBIOLOGY IN INDIA’ organized by Gandhinagar Institute of Science, Gandhinagar University held on 1st Aug 2022
- Completed course NIECER 103: Scientific writing in health research organized by ICMR-National Institute of Epidemiology.

TECHNIQUES KNOWN

- Microscopy, Culture handling, Preservation techniques, Instrumentation, Microbiological Skills
- Biochemical testing for bacteria
- Isolation, identification & susceptibility testing of bacteria
- Tissue Culture
- Jatropha hybridization
- Molecular Characterization of Jatropha and Pongamia
- Quality assessment of some varieties of food grains
- Detoxification in Jatropha using microorganisms
- Protein profiling of Jatropha and Pongamia

ACHIEVEMENTS

- Qualified **Common Eligibility Test for Ph.d.-2012** conducted by Dr.Ram Manohar Lohia Avadh University, Faizabad.
- College topper of B Ed in the year 2011.

STRENGTHS

1. Positive attitude, Self-confidence
2. Smart work, Commitment towards work
3. Effective communication

4. Punctual
5. Easily adaptable to changes
6. Presentation skills

PERSONAL DETAILS

- **Date of Birth :** 04/08/1988
- **Sex :** Female
- **Blood Group :** O +ve
- **Religion :** Hindu
- **Nationality :** Indian
- **Marital Status :** married
- **Languages Known:** English and Hindi
- **Hobbies & Interests:** Research & Academics

COMPUTER QUALIFICATION

- All utility of computer Working knowledge of operating system
- Windows' XP & 98, MS Office Office packages, Internet & E-mail etc.

REFERENCES

- **Dr. K. Saroja**
Principal Khyati Institute of Science
Khyati Foundation
Shilaj-Palodia Ahmedabad
Email: principal.bsc@khyatifoundation.com

Dr. Nikunj Valand
Assistant Professor, Dept. of Chemistry
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DECLARATION

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

DATE:

(DEEPIKA KHANNA)