

# Dr. Lomeshwar



Govt. College , Karsog

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9569799340

## WORK EXPERIENCE

### Department of Higher Education Govt. of Himachal Pradesh

Assistant Professor Botany

(October 04, 2018 - Present)

- Have a Youtube channel named "The Plant Nerd" where students can access the material.
- Prepared individualized lesson plans and educational material for each student during COVID.
- Established positive and encouraging relationships with students and helped to foster an appreciation for biology and science.
- Assessed student comprehension through regular quizzes, tests, and assignments.
- Used SPUs online platform to upload student grades and absence data into the Universities database.

## EDUCATION

### Panjab University Chandigarh

M.Sc. , Botany

(July 18, 2012 - June 29, 2014)

### Panjab University Chandigarh

Ph.D., Plant Stress Physiology

(April 01, 2015 - November 20, 2020)

## PROJECTS

### Forty five genotypes (listed below) of mungbean were evaluated for heat tolerance by examining the effects of high temperature on growth, phenology, and yield components.

Funded by ICRISAT, Hyderabad

(April 01, 2015 - January 01, 2016)

## REFERENCES

### Prof Harsh Nayyar

Guide

Area of Research/Expertise

Stress Physiology, Bioremediation, Phytoremediation

Positions held in Panjab University

Librarian

A. C. Joshi Library

Director

Research & Development Cell

Professor

Department of Botany

nayarbot@pu.ac.in.

## MEMBER OF COLLEGE COMMITTEES

### In- Charge of Eco-CLub

(March 13, 2023 - Present)



Covener of "The Kamaksha Eco-Club" Govt. College Karsog

### Member of College

IQAC/UGC Committee

### Member of Career Counseling Cell of he College

## SKILLS

### Expertise in Plant Physiology

Good knowledge of Microsoft-office

## INTERESTS

### Farming

As a passionate farmer, I have cultivated a deep connection with the land and nature. Embracing sustainable practices.

### Reading

Avid reader and lifelong learner, I find solace and enrichment in the world of books. Books open up new horizons, allowing me to explore diverse cultures, eras, and ideas.

## LANGUAGES

### English

Good

### Expertise in Plant Anatomy

Can do statistical analysis by using SAS university edition and SPSS

### Sports:

Sports have always been an integral part of my life, instilling discipline and camaraderie. Whether it's on the field, court, I give my all to push my limits and achieve success

### Travelling

The allure of travel beckons me to wander and discover the wonders of the world. Exploring new landscapes, immersing in different cultures, and meeting people from all walks of life leave an indelible mark on my soul.

### Hindi

Good

## AWARDS

### EMERGING SCIENTIST AWARD

BY VDGGOOD Professional Association

## CERTIFICATIONS

### Online Inter-Disciplinary two-week Refresher Course in "Managing Online Classes & Co-creating MOOCS 26.0"

Teaching Learning Centre Ramanujan College, University of Delhi (May 29, 2023)

Successfully completed an online Inter-Disciplinary two-week Refresher Course in "Managing Online Classes & Co-creating MOOCS 26.0" from 08 – 22 May 2023 and obtained a Grade A+.

### 4-Week Induction/Orientation Programme

m teaching Learning Centre, Ramanujan College/ University of Delhi under the aegis of MINISTRY OF EDUCATION for "Faculty in Universities/Colleges/Institute of Higher Education" (June 18, 2018)

### Professional Development Programme on 'Implementation of NEP2020 for University and College Teachers'

INDIRA GANDHI NATIONAL OPEN UNIVERSITY Staff Training and Research Institute of Distance Education

### FDP program on "HOW TO CREATE YOUR OWN MOOCs"

Ramanujan College/ University of Delhi under the aegis of MINISTRY OF EDUCATION for "Faculty in Universities/Colleges/Institute of Higher Education" (May 29, 2023)

## PUBLICATIONS

### High-temperature-tolerant mungbean (VignaradiataL.) lines produce better yields when exposed to higher CO2 levels

H. Bindumadhava , L. Sharma, R. M. Nair, H. Nayyar, J.J Riley & W Easdown

(February 15, 2018)

### Influence of high temperature stress on growth, phenology and yield performance of mungbean [Vignaradiata (L.) Wilczek] under managed growth conditions.

Lomeshwar Sharma a, Manu Priya a, H. Bindumadhava b, R.M. Nair b, Harsh Nayyar (December 14, 2016)

### PLANT GROWTH-REGULATING MOLECULES AS THERMOPROTECTANTS: FUNCTIONAL RELEVANCE AND PROSPECTS FOR IMPROVING HEAT TOLERANCE IN FOOD CROPS

Lomeshwar Sharma, Manu Priya, Neeru Kaushal, Kalpna Bhandhari, Shikha Chaudhary, Om Parkash Dhankher, P V Vara Prasad, Kadambot H M Siddique, Harsh Nayyar (July 20, 2019)

### GABA ( $\gamma$ -aminobutyric acid), as a thermo-protectant, to improve the reproductive function of heatstressed mungbean plants.

Manu Priya, Lomeshwar Sharma, Ramanpreet Kaur, H. Bindumadhava, Ramkrishnan M. Nair, K. H. M. Siddique & Harsh Nayyar (May 24, 2019)

### Securing reproductive function in mungbean grown under high temperature environment with exogenous application of proline.

Manu Priya a, Lomeshwar Sharma a, Inderjit Singh b, T.S. Bains b, Kadambot H.M. Siddique c, Bindumadhava H d, Ramkrishnan M. Nair d, Harsh Nayyar a (July 08, 2019)

### Plant Nanobionic Effect of Multi-walled Carbon Nanotubes on Growth, Anatomy, Yield and Grain Composition of Rice

Anjali Joshi, Lomeshwar Sharma, Simranjeet Kaur, Keya Dharamvir, Harsh Nayyar & Gaurav Verma (February 15, 2020)