



# Deependra Dhakal

## Education

- 2016 onwards **M. Sc. Ag. (Plant Breeding and Genetics)**, *Agriculture and Forestry University, Chitwan*.
- 2010–2015 **B. Sc. (Agriculture)**, *Institute of Agriculture and Animal Science, Lamjung, First Division*.  
Tribhuvan University
- 2008–2010 **Higher Secondary Level (10+2 in Science)**, *Orchid Science College, Chitwan, First Division*.  
Higher Secondary Education Board
- 2008 **School Leaving Certificate**, *Small Heaven Higher Secondary Boarding School, Chitwan, Distinction*.  
SLC Board

## Academic achievement

### Publications

#### MANUSCRIPT

- Study of Agro-Morphological Descriptors of Common Bean (*Phaseolus Vulgaris* L.) Genotypes 2015
- Study of spatial patterns in relation to leaf health as potential determinant of yield in early generation trial of wheat in Rampur, Chitwan (*unpublished*)

## Programming language competencies

### Scripting

- Python, R, Bash, Javascript

### Markup

- Markdown,  $\text{\LaTeX}$ , HTML

## Computer application competencies

### Crop modeling

DSSAT

GIS and QGIS  
spatial  
analysis

### General purpose

Bharatpur – 11, Chitwan

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🌐 [deependrad.github.io](https://deependrad.github.io)

o ImageMagick, Tesseract

o MS Word, MS Excel, VBscript

## Training and experience

- March 2014–April 2014 **Action Research for Cost Effective Agricultural Extension Services in 10 mid-hill districts of Nepal.**, *Rukum District, Enumerator*, Nepal Development Research Institute.
- November 2016–December 2016 **Enhancing quality standards of raw milk: Validation of Good Manufacturing Practices(GMP) in the supply chain.**, *Tanahun District, Field Research Associate*, FORWARD Nepal.

## Research interests

- o Mathematical modeling of diverse plant ecosystems with major focus on spatial components
- o Design and optimization of experiments with higher order constraints

## Advisors and Faculty

Name: **Dr. Madhav Prasad Pandey**  
Designation: Professor  
Department: Department of Genetics and Plant Breeding  
Institute: Agriculture and Forestry University  
Mobile: 9855081410  
Email: mppandey@afu.edu.np

Name: **Dr. Krishna Hari Dhakal**  
Designation: Chairman  
Department: Department of Genetics and Plant Breeding  
Institute: Agriculture and Forestry University  
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Email: khdhakal@afu.edu.np

## Declaration

I hereby declare that, all the information stated above is true and genuine in my belief. I can dispense any and/or all of the mentioned works in verified form whenever demanded.

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