



## Curriculum Vitae

### Til Kumari Chhetri

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#### Personal Profile Statement:

Dedicated and motivating botany teacher with 5 years of experience at Tribhuvan University and Pokhara University. Strong interactive and motivating skills that help students to achieve their academic excellence. Committed to nature conservation, agricultural productivity and legitimate use of biotechnology. Experience in data collection, field visit and survey. Honest and responsible towards the profession to generate best academic performance. Participated in conference and seminars to exchange research ideas.

#### Academic Qualification:

2014: Masters in Science (MSc Botany) [69.70%]

Central Department of Botany, Tribhuvan University; Kirtipur Kathmandu Nepal

(Title of Dissertation: STUDY ON PRODUCTION AND VIABILITY OF ENCAPSULATED BRADYRHIZOBIUM JAPONICUM AND THEIR EFFECT ON VIGNA UNGUICULATA)

2010: Bachelor in science (BSc Botany) [66.14%]

Prithvi Narayan Campus (T.U. affiliated), Bhimkalipatan, Pokhara Nepal

2007: 10+2 Science [62.70%]

Vidya Mandir Higher Secondary School (HSEB), Radha Krishna, Baglung

2005: School Leaving Certificate (SLC) [74.75%]

Dhawalagiri English Boarding School, Shivadhara Chowk, Baglung

#### Skills:

- Knowledge of MS programs and use of IT in teaching.
- Data collection and data entry.

- Familiar with student management procedures.
- Familiarity with academic planning, management and assisting senior professors.
- Ability to assist students in dissertation, proposal writing and report writing.
- Motivational and mobilization skill.

## **Work Experiences:**

### **Assistant professor of Botany, October 2017 to present**

Prithvi Narayan Campus (T.U. affiliated), Bhimkalipatan Pokhara

- Conducted examinations and assisted student performance.
- Motivated the students towards the field of Botany.
- Assisted the students for dissertation, proposal writing and seminars.
- Encouraged students towards nature conservation and make their participation in such programme.

### **Assistant professor (Medicinal Botany), December 2015 - March 2019**

B. Pharma programme, Faculty of Health science, Pokhara University, Pokhara

- Performed student assessment and provide feedback.
- Coordinated with faculty to maintain scholarship.
- Trained the students for the preparation of Herbarium specimen.
- Handled and co-operate them in their field visit for specimen collection.
- Assisted the students to use ethno-botanical knowledge in pharmacognosy.

### **Post Graduate Teacher (Botany), August 2017- July 2018**

Sainik Awasiya Mahavidyalaya, Pokhara

- Monitored and provided specific information and documentation of students needs and their progress.
- Assisted the administration for the formation of Botanical garden.

### **Lecturer (Part time) of Botany, Feb 2014 - May 2015**

Diploma Pharmacy programme (CTEVT), Pinnacle Technical college, Lagankhel, Lalitpur

- Developed teaching confidence and student performance.
- Assisted in the development of college.

## **Research activity**

Research grant by GPAST (2022) for the research of Mosquitocidal effect of leaf extract of problematic invasive plant species of Nepal.

## **Participation:**

Participated in student exchange programme conducted by Japan International Cooperation Center (2013)

- Shared knowledge and experience
- Learned traditional knowledge of painting from local products.
- Gained knowledge of culture, tradition, and scientific development of Japan.
- Participated in students learning activities in primary level.

Participated in Biotechnology conference (2071), Nepal with oral presentation on the idea of encapsulation of *Bradyrhizobium* for the preparation of bio-fertilizer.

Participated in National conference on Recent Trends in Science, Technology and Innovation (2022) with paper presentation on the research topic ‘Mosquitocidal effect of leaf extract of problematic invasive plant species of Nepal’.

Participated in trainings, seminars and workshop regarding teaching pedagogies, research techniques and statistical analysis.

## **Publication:**

- Chhetri, T., Subedee, B., & Pant, B. (2019). Isolation, Identification and Production of Encapsulated Bradyrhizobium japonicum and Study on their Viability. *Nepal Journal of Biotechnology*, 7(1), 39-49. <https://doi.org/10.3126/njb.v7i1.26950>

## **Hobbies and Interests:**

Teaching and Learning

Botanical Research and investigation

Data Collection and analysis

Medicinal herbs and its medical industrialization

Agro-biotechnology and bio-fertilizer and organic farming

Nature, climate change and its economic impact

Reading, Writing, Trekking and photography.

**Area of expertise:** Biotechnology