



Rajan Sagar Chaudhary

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🌐 Researchgate: <https://www.researchgate.net/profile/Rajan-Chaudhary-3>

📅 Date of birth: 17/12/1996

WORK EXPERIENCE

[23/08/2018 – Current]

Agriculture Instructor, Program Coordinator

Agroforestry Polytechnic Institute (Council for Technical Education & Vocational Training) www.afpi.edu.np

Address: Chhatradev-04, Mathura, Arghakhanchi, Nepal | Email address: afpi2017argha@gmail.com | Name of unit or department: Department of Plant Science

Link: <https://www.facebook.com/AFPI2074/about>

Also, I have been serving as a member of the steering committee of this institute since 2022.

EDUCATION AND TRAINING

[11/2013 – 12/2017]

Bachelors of Science (Honours) in Agriculture

Nepal Polytechnic Institute (Affiliated by Purbanchal University)
www.npi.edu.np

Address: Bharatpur-11, Bhojad, Chitwan, Nepal | Final grade: 3.32/4 GPA | Thesis: Varietal Resistance of Wheat to the Rice Weevil (Sitophilous Oryzae) under Stored Condition

[08/2023 – 07/2024]

Certificate of Advanced Studies in Biological Control and Ecosystem Services

The University of Neuchâtel and CABI https://www.unine.ch/icm/home/what_is_icm.html

Country: Switzerland | Type of credits: ECTS | Number of credits: 12

1) Fully online

2) Waiting for the results of the final module

[04/09/2023 – 08/09/2023]

Basic Research Data Management and Analysis

International Rice Research Institute (IRRI) www.education.irri.org

Country: Philippines

[04/2024 – 05/2024]

Python Coding Camp

Codingguruba www.codingguruba.com

Country: Nepal

[19/07/2024 – 11/08/2024]

Comprehensive GIS Course: From Basics to Advanced Spatial Analysis with ArcGIS

Global Research Institute and Training Center (GRIT) www.centergrit.com

Country: Nepal

[12/08/2024 – 12/08/2024]

Fundamentals of Remote Sensing

Applied Remote Sensing Training Program (ARSET)

www.appliedsciences.nasa.gov

[14/08/2024 - Current] **Invasive Species Monitoring with Remote Sensing**

Applied Remote Sensing Training Program (ARSET)

www.appliedsciences.nasa.gov

-Three parts:

Part 1: An Intro to the Monitoring of Invasive Species with Remote Sensing Tools

Part 2: Monitoring of Aquatic Invasive Species with Remote Sensing

Part 3: Monitoring Invasive Grassland Species with Hyperspectral Remote Sensing

[25/08/2017 - 06/09/2017] **Certified Pesticide Manager and Distributor**

Plant Quarantine and Pesticide Management Center www.npponepal.gov.np

Address: 44600, Lalitpur , Nepal

CONFERENCES AND SEMINARS

[11/10/2023 - 12/10/2023] **2023 Annual Conference** Nepal

Organized by the District Coordination Committee Office, Arghankhani, Nepal. In my capacity as a member of the steering committee of the AFPI, I delivered a presentation that addressed the organization's progress, obstacles, and governmental expectations.

Link: https://afpi.edu.np/conference-rajanchaudhary/?fbclid=IwAR0k67gfrIWRna-x88QLN_UbS8GICERUB5MA_mdIG2h3iNzMgBALgRDugG4

[18/07/2024 - 18/07/2024] **Aphids Special Interest Group (SIG) 2024**

Organized by the Royal Entomology Society

[01/11/2022 - 11/11/2022] **Occupational Training of Trainers (O-TOT) Agriculture** Nepal

Link: www.titit.org.np

PUBLICATIONS

[2023] **Weed Management in Pulses: Overview and Prospects**

Chaudhary, R. S., & Dhakal, S. (2023). Weed Management in Pulses: Overview and Prospects. In M. Hasanuzzaman (Ed.), *Production and Utilization of Legumes- Progress and Prospects*. London: IntechOpen, DOI: 10.5772/intechopen.110208

[2022] **Evolutionary Transition of Agriculture: CRISPR Technology**

Chaudhary, R. S. (2022, August 06). Evolutionary Transition of Agriculture: CRISPR Technology. eKishaan.

[2021] **Yield and Yield Attributes of Chickpea (*Cicer arietinum* L.) as Influenced by Planting Dates and Weed Management Systems**

Dubey, T. P., & Chaudhary, R. S. (2021). Yield and Yield Attributes of Chickpea (*Cicer arietinum* L.) as Influenced by Planting Dates and Weed Management Systems. *Asian Research Journal of Agriculture*, 14(4), 123-134.

DOI: 10.9734/ARJAV2021/v14i430145

[2021] **Varietal Resistance of Wheat to the Rice Weevil (*Sitophilous Oryzae*) under Stored Condition**

Rajan Sagar Chaudhary, Tej Pratap Dubey and Rajendra Regmi (2021); Varietal Resistance of Wheat to the Rice Weevil (*Sitophilous Oryzae*) under Stored Condition; International Journal of Scientific and Research Publications (IJSRP) 11(9) (ISSN: 2250-3153), DOI: 10.29322/IJSRP.11.09.2021.p11737

STUDENT, PROFESSIONAL MEMBERSHIP

- [2024 – Current] **The Royal Society of Entomology**
- [2023 – Current] **Weed Science Society of America (WSSA)**
- [2020 – Current] **Nepal Horticulture Society**
- [2023] **American Society for Horticultural Science**

AWARD

Distinguish Instructor Award-2023

- Awarded by Agroforestry Polytechnic Institute

UPCOMING OPPORTUNITIES

The PhD course "Integrated Pest and Pollinator Management"- SECTS, offered by the Swedish University of Agricultural Science - SECTS

- Being accepted into the short course
- Course link: <https://www.slu.se/en/education/programmes-courses/course/P000098/F0043.2425/Integrated-Pest-and-Pollinator-Management-IPPM/>

Workshop- Data Analysis with Python for life sciences

Link: <https://biocompiler.com/event/introduction-to-data-analysis-with-python-for-life-sciences/>

RECOMMENDATIONS

Name: Dr. Raju Bhusal Office Head, Agroforestry Polytechnic Institute

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Phone number: (+977) 9851226134 | **Email:** dr.rajubhusal@gmail.com

Name: Manfred Grossleder Tutor (CABI)

Tutor

Email: m.grossrieder@cabi.org

Name: Suman Dhakal Assistant Professor, Department of Agronomy, Agriculture and Forestry University, Chitwan, Nepal

Advisor

Email: sdhakal@efu.edu.np