

SIMON PARIYAR

AGRICULTURAL ENGINEER

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Academic Background

Year	Degree	Institution
2023-2024	Graduate Certificate in GIS Cartographic Specialist	Fleming College
2016-2021	Bachelor's Degree in Agricultural Engineering	Eastern Region Campus, Dharan, Tribhuvan University, Nepal

Work Experience

- INK CONSULT PVT.LTD
Chakupat, Lalitpur, Nepal
November 2021 – July 2023

Key Responsibilities

- Proposal Writing
- GIS Mapping and Analysis of Geospatial Data
- Hydrological Analysis
- Cropwater Requirement Calculation and Agricultural Mapping
- Design and Drawing of Irrigation System and Hydraulic Structures
- Quantity and Cost Estimate and Economic Analysis
- Report Writing

Project Profiles

- Final Year Project on “Variability Analysis of Groundwater Levels of Parsa District – A GIS Based Project”.
- Gurung Khola Irrigation Sub-Project, Dang Nepal.
- Detailed Feasibility Study of Smart Irrigation System (Gomati Bahuntar Irrigation System), Dhading, Nepal.
- Rapti Khola Karak Lift Irrigation Project, Chitwan, Nepal.
- Chure Sota Storage Irrigation Sub-Project, Ghorahi, Dang.
- Detailed Feasibility Study of Groundwater Irrigation Project at Different Municipality/ Rural Municipality in Morang District.

- Identification of Suitable Sites and Structures for Groundwater Recharge for Sustainable Water Resources Management.

Trainings Attended

IAAS Technical Bootcamp

- Workshop on Application of GIS and Remote sensing in Agriculture

Agri vision Hitech Pvt. Ltd.

- Micro irrigation and Greenhouse Farming Technology

Professional Skills

- Design Tools: AutoCAD, ArcGIS Pro, Web Design, HEC-RAS (2D Modelling), SW Canal V2, SW WSP V3.
- Microsoft Package: Word, Excel and PowerPoint