

Prashant Gautam

CIVIL ENGINEER | SITE & PROJECT DELIVERY | STRUCTURAL ASSESSMENT

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PROFILE

Civil engineer with hands-on experience in construction supervision, surveying, quantity measurement, drawing checks and project documentation. Current work covers irrigation, mountain trail and tourism infrastructure. I also have direct field experience in post-fire assessment of existing government buildings, including investigation, material testing, structural analysis and repair/retrofit recommendations.

PROFESSIONAL EXPERIENCE

Civil Engineer — Project / Site Management

Dibyashwori Nirman Sewa · Aug 2025 – Present

- Supervise day-to-day site activities across irrigation, mountain trail and tourism-infrastructure works.
- Carry out surveying, setting-out, site measurements, quantity records and checks against drawings.
- Support BOQ and billing preparation, progress documentation, quality checks and coordination with site teams.
- Review site conditions against drawings and communicate discrepancies or required adjustments during execution.

Project-Based Civil Engineer

Institute of Engineering Consultancy Services (IOECS) · Oct 2025 – Jul 2026

- Contributed to detailed post-fire assessment of 44 government buildings.
- Supported field investigation, NDT/SDT and material testing, including Rebound Hammer, UPV and Profometer work.
- Assisted with damage classification, ETABS assessment, repair/retrofit recommendations, cost estimation and technical reporting.

Group Leader — Seismic Resistant Design of Multi-Storied RCC Commercial Building

Academic Project · 2024 – 2025

- Led structural modelling, analysis, design, code-based detailing, documentation and presentation for a B+G+9 RCC building.

CORE SKILLS

Site supervision & construction monitoring
Surveying, setting-out & field measurement
Quantity measurement, BOQ & billing support
Drawing checks & progress records
Existing-building assessment
Structural analysis & design coordination
Technical reporting

SOFTWARE

ETABS
AutoCAD
SW-DTM
ArcGIS
Advanced MS Excel

FIELD & TESTING

Total Station · Auto Level · Theodolite
Compass · GPS
Rebound Hammer · UPV · Profometer
Carbonation-depth measurement
Concrete core cutting

PROFESSIONAL STATUS

Licensed Civil Engineer, Nepal

AFFILIATION

CESS-Nepal

SELECTED PROJECT EXPERIENCE

Mahabharat Trail · Dibyashwori Nirman Sewa · 2025 – Present

- Worked on trail alignment, drainage, masonry, soling, stairs and related construction activities in mountainous terrain.
- Supported measurement, drawing checks, billing and progress monitoring on a project involving approximately 12,000 stairs.
- Worked within active site conditions where terrain, access, drainage and construction sequencing affected execution.

Pokhara Khola Magar Besare Khanitar Chhangtar Irrigation Project · 2025 – 2026

- Supported construction supervision, surveying and quantity measurement for canals, pipelines and hydraulic structures.
- Assisted with BOQ and billing records and maintained field information needed for progress documentation.
- Worked from survey and setting-out through construction monitoring and quality checks.

Tourism Infrastructure Project · Dibyashwori Nirman Sewa

- Supported site and project management for park and parking development, flagstone paving, compound walls, a dharmashala with truss roof and large temple gates.
- Worked across civil, structural and architectural activities under active site conditions, with emphasis on progress monitoring, coordination and quality oversight.

TECHNICAL WORKFLOW

Site work: survey → setting-out → measurement → drawing/site check → construction monitoring → quantity records → billing/progress documentation. **Assessment work:** field investigation → NDT/SDT → damage classification → material testing → structural analysis → repair/retrofit recommendation → cost estimation → reporting.

EDUCATION

Bachelor of Engineering in Civil Engineering

Pulchowk Campus, Institute of Engineering, Tribhuvan University

Academic project: Seismic Resistant Design of Multi-Storied RCC Commercial Building (B+G+9).

TRAINING

ADB-sponsored Road Slope Stability and Bio-Engineering — RCIP-AF TA-10113 NEP

Disaster Management Training — Armed Police Force (APF) Nepal

LANGUAGES

Nepali — native · English — fluent · Hindi — understanding; limited spoken proficiency

PROFESSIONAL STRENGTHS

Comfortable working between drawings and site conditions; careful with field measurements and quantities; experienced in documenting progress and technical observations; able to move from field evidence to practical engineering recommendations.

References and supporting project material available on request.