



OM PRAKASH THAKUR

**CIVIL ENGINEER | Infrastructure Projects | Skill Development
Programme Administration | GATE QUALIFIED 2020 / 2023 / 2024 /
2026**

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PROFESSIONAL SUMMARY

Dedicated, analytical, and results-driven Civil Engineer with over four years of combined professional experience spanning infrastructure planning and execution, surveying, structural and master-plan design, DPR and estimate preparation, and the administration of large-scale skill-development and vocational-training programmes under Government of India initiatives. GATE-qualified three times (2020, 2023, 2024 and 2026), with a strong foundation in civil-engineering fundamentals and a proven ability to coordinate with multiple government departments, consultants, contractors, and community stakeholders. Highly organized and self-motivated, with strong skills in documentation, data management, monitoring, and reporting — committed to delivering quality outcomes in challenging environments, including high-altitude regions such as Ladakh.

CORE COMPETENCIES

Area	Key Strengths
Civil Engineering	Surveying, site layout, DPR preparation, preliminary & detailed estimates, master planning, technical drawing review, site supervision and project execution support.
Infrastructure Projects	Road and public infrastructure planning, prefab/LGFS building supervision, RCC works coordination, heating/HVAC infrastructure exposure and high-altitude project coordination.
Programme Administration	Skill development programme planning, training scheduling, implementation monitoring, beneficiary mobilization, assessment/certification coordination and reporting.
Digital & Documentation	AutoCAD, MS Office, Leica LISCAD, ArcGIS, Skill India Portal / MIS, trainee databases, official correspondence, progress reports and utilization reports.
Professional Skills	Leadership, teamwork, communication, stakeholder management, initiative, perseverance, organization, compliance awareness and field coordination.

CAREER OBJECTIVE

To leverage my technical knowledge, field experience, and programme-management skills in a challenging and growth-oriented organization where I can contribute meaningfully to infrastructure development and public welfare, while continuously enhancing my professional capabilities and assuming greater responsibility.

WORK EXPERIENCE

Assistant Programme Officer

Jan Shikshan Sansthan (JSS), Mandi (H.P.) — MSDE, Govt. of India

21 Nov 2021 – 30 Jun 2025

Worked at a skill-development institution sponsored by the Ministry of Skill Development and Entrepreneurship (MSDE), handling planning, implementation, monitoring, coordination, documentation, and management of skill and vocational-training programmes under the Skill India Mission for rural and disadvantaged communities.

- Assisted in preparing annual action plans, training schedules, implementation strategies, and monitoring mechanisms for skill-development initiatives.
- Coordinated with the Director, training centres, resource persons, trainers, community organizations, and government departments for effective programme delivery.
- Conducted field surveys, needs assessments, and beneficiary-identification exercises to determine local skill requirements and employment opportunities.
- Led mobilization drives, awareness campaigns, community-outreach programmes, and promotional activities to maximize beneficiary participation.
- Organized orientation sessions, capacity-building workshops, and training-of-trainers (ToT) activities to improve programme quality.
- Monitored vocational training through field visits, trainee interaction, review of records, and assessment of programme outcomes.
- Performed data entry, verification, and uploading of trainee, trainer, assessment, and programme data on the Skill India Portal and other digital platforms, ensuring accuracy and timely submission.
- Maintained trainee databases, attendance, assessment, placement, certification, and performance records.
- Prepared progress, monthly, utilization, and performance reports, meeting proceedings, presentations, proposals, and official correspondence.
- Facilitated assessment & certification with agencies, training providers, and candidates; organized examinations and evaluation processes.
- Organized skill fairs, exhibitions, entrepreneurship and placement-linked activities, and market-linkage initiatives showcasing trainee products and services.
- Supported administrative, financial, and operational functions including procurement coordination, logistics, and stakeholder communication, ensuring compliance with MSDE guidelines.

Outcome: *Gained extensive experience in programme planning, stakeholder coordination, project monitoring, capacity building, community outreach, documentation, data management, reporting, and implementation of government schemes under the Skill India Mission.*

Trainee Graduate Engineer

RO–Ladakh, NHIDCL — MoRT&H, Govt. of India

23 Oct 2020 – 31 Oct 2021

Contributed to multiple infrastructure projects across the high-altitude UT of Ladakh for various clients, covering planning, surveying, design, estimation, and execution.

- Planned, directed, and participated in surveying for the School Education, Urban Local Bodies, and Hospitality & Protocol Departments.
- Analyzed survey reports, maps, blueprints, and topographical/geological data to plan infrastructure works, roads, and tunneling.
- Designed and prepared plans, specifications, DPRs, and preliminary & detailed estimates for Type-IV quarters & hostels, a 24x7 centrally heated library, central heating systems, laboratory blocks, art & craft rooms, and boundary walls.
- Drafted and reviewed reports, specifications, construction schedules, and designs; checked technical drawings for adherence to codes and standards.
- Collaborated with UT officials, local agencies/contractors, architects, engineers, and consultants on regulatory compliance.
- Followed up and attended meetings with UT officials, contractors, consultants and internal NHIDCL staff to collect information, resolve issues and support project progress.
- Supervised the execution of pre-fabricated (LGFS technology) buildings.

NHIDCL — KEY PROJECTS HANDLED (LADAKH)

Project / Work	Description & Scope
Tanglang La Tunnel — AEM Survey	Coordinated and assisted the Airborne Electromagnetic survey team for the Tanglang La tunnel survey from Upshi, Leh; gained insight into tunneling feasibility studies.
Construction of Helipad	Laying of Dense Bituminous Macadam (DBM) at Upshi Helipad, Upshi, Leh.
DIET Leh Master Plan	Finalized with the Commissioner/Secretary, Director SED, and NHIDCL consultant — a 100-bedded hostel (Hospitality & Protocol Dept.) and a 600-capacity auditorium with steel roof and rock-wool insulation (School Education Dept.).
UT Ladakh Secretariat Master Plan	Internal circular road network, pedestrian & landscaping plan, multilevel car parking, service-duct network, meeting hall, cafeteria, and reception area.
CCTV Control Room — Solar Colony, Choglamsar	Control room with data-storage room, battery room, in-charge room, and rest room with attached kitchen and toilets.
Ladakh Police Prefab Structures	LGFS technology with Trombe wall in battery room; double-charged vitrified-tile flooring, anti-skid ceramic tiles in toilets, and galvanized-steel roof with rock-wool insulation.
Ladakh Police Gyms & Facilities	Gyms with male/female lockers, waiting & reception, and in-charge rooms at Agling, DPL Choglamsar, and Police HQ Agling — LGFS technology with insulated roofing.
School Education Department Works	RCC works — boundary walls, Type-IV hostels, 24x7 centrally heated library, laboratory & art/craft blocks; building strengthening; solar rooms; and CBSE-standard upgradation of schools.
RCC Works — Ladakh Police	Coordinated with Ladakh Police officials and consultants for smooth planning and execution of RCC infrastructure works.
Heating Systems — UT Ladakh	Central heating with radiator panels & boiler; VRV/VRF cassette HVAC for simultaneous heating/cooling, suited for -25°C to 50°C climates.

INTERNSHIP & TRAINING

Summer Intern

PIU Hamirpur, NHAI — MoRT&H, Govt. of India

Jun 2019 – Jul 2019

Studied maintenance of the existing road from Km 151.870 to Km 157.000 of NH-88 (now NH-205)", which provided real-world exposure to how work is carried out on a practical project.

- Learnt various aspects of road maintenance and field execution procedures.
- Studied the MoRT&H manual, project maps, and relevant technical documentation.
- Gained hands-on experience of on-site field work and supervision.

EDUCATION

Qualification	Institution	Year	Score
B.Tech, Civil Engineering	National Institute of Technology, Hamirpur	2016–2020	CGPA 7.97/10
CBSE Senior Secondary (XII)	Jawahar Navodaya Vidyalaya, Mandi	2015	90.40%
CBSE Matriculation (X)	Jawahar Navodaya Vidyalaya, Mandi	2013	CGPA 9.2/10

CERTIFICATIONS & COMPETITIVE QUALIFICATIONS

Examination	Year	Status
GATE (Civil Engineering)	2020	Qualified
GATE (Civil Engineering)	2023	Qualified
GATE (Civil Engineering)	2024	Qualified

GATE (Civil Engineering)	2026	Qualified
JEE Main & Advanced	2016	Qualified

SKILLS

Category	Skills
Software & Tools	C++, C, AutoCAD, MS Office (Word, Excel, PowerPoint), Leica LISCAD, ArcGIS, Skill India Portal / MIS.
Technical	Site layout & cost estimation, surveying, DPR & estimate preparation, structural & master-plan design, project planning, supervision & execution, scrutiny as per GOI Manual and BIS standard.
Programme Management	Programme planning, stakeholder coordination, monitoring & evaluation, documentation, data management, and reporting.
Professional / Soft	Leadership, teamwork, organizing ability, initiative, perseverance, communication, and management skills.

ACADEMIC PROJECTS

Analysis of Congestion Areas & Black Spots on NH-03 (2019–2020)

- Performed detailed analysis of traffic congestion and accident-prone locations on NH-03 using spatial, temporal, and non-spatial data. Assessed accident patterns, roadway geometry, and traffic characteristics to identify critical safety concerns and formulate engineering-based remedial measures.
- Key Recommendations**
- Relocation of NIT Hamirpur Gate-2 to improve traffic operations and sight distance.
- Construction of a pedestrian overbridge for enhanced safety.
- Installation of speed-calming measures and traffic signals.
- Geometric improvement and widening of the adjacent sharp curve.
- Provision of speed regulation signs, warning boards, and road safety infrastructure.

POSITIONS OF RESPONSIBILITY

- NHIDCL:** Site Office In-charge (Oct 2020 – Oct 2021); organized a cleanliness drive at Upshi and a free eye check-up camp for drivers in Leh during the 32nd Road Safety Awareness Month, MoRT&H.
- NCC, NIT Hamirpur:** Cadet (2017–2019) and P.O. Cadet (2019–2020), Unit 1 HP NU NCC Bilaspur; team member, AINSC 2018; leading member in various camp campaigns.
- Sports Club (2016–2020):** Captain of the college and inter-year/inter-branch volleyball & basketball teams; Executive Member & Year Representative; organized annual and hostel tournaments.
- Prayas – The Literacy Mission (2017–2019):** Provided a helping hand for the education of needy students.

ACHIEVEMENTS

All India Nau Sainik Camp (AINSC) 2018 — INS Kadamba, Karwar, Karnataka

Represented the Punjab, Haryana, Himachal Pradesh & Chandigarh Directorate, securing all-India 3rd position overall.

Event	Position
Services Subject	1st Place
Semaphore	2nd Place
Boat Puller	3rd Prize

- Notable First:** He is the first-ever Boat Puller from NIT Hamirpur.

- Achieved 1.2 km open-sea swimming during the Sailing Expedition 2018 at Govind Sagar Lake.
- Awarded a gold medal for Best Senior at ATC-118, NCC Academy Ropar; attended DNTC 2/3/4 (2018).
- Secured "A" grade in NCC 'A', 'B', and 'C' certificates; 1st in drill competition at CATC 2012, Darang Mandi.

Sports & Other Achievements

- Two-time Best Athlete of the Year (2018, 2019) at the NIT Hamirpur Annual Sports Meet "Lalkaar".
- Secured 3rd place in the "Run for Unity" Marathon.
- Represented NIT Hamirpur in volleyball at ITUSA (3rd, 2017), URJA (3rd, 2018) & MST (2nd, 2020), and in All-India Inter-NIT Athletics & Gymnastics 2018.
- Played regional-level basketball (2012) and volleyball (2014) tournaments.

PERSONAL DETAILS

Particulars	Details
Date of Birth	21 April 1998
Gender	Male
Languages Known	English, Hindi
Hobbies & Interests	Singing, reading novels, running, volleyball, and cooking
Address	Vill. Sakaryar, P.O. Kamand, Teh. Sadar, Distt. Mandi (H.P.) – 175005

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge and belief, and I take responsibility for any discrepancy in the data, should it occur in the future.

Place: Mandi

Om Prakash Thakur