**Mr. Hindpal**

**(Civil Engineer)**

**Current Address:** C 317, Harsh Vihar, Part III Tanki, Road, Badarpur, New Delhi, India

**Home Town:** 14, Nihaloth ki Dhani, Pacheri Bari, Bhuhana, Jhunjhunun, Rajasthan, India

**Contact:** +91- 8448665099 Email**:** hindpaldhoolia@gmail.com



**CAREER SUMMARY**

Positive, honest and physically fit civil engineer with comprehensive knowledge of civil engineering and having more than four years of experience in water resource engineering. The Experience includes preparation of designs for hydraulic structures initially and preparation environmental and social safeguards instruments for water projects lately. Currently looking for a suitable position.



**SUMMARY OF SKILLS**

* Civil engineering, water resource engineering, hydrology, watershed management and structural designing etc.
* Preparation of technical reports for the water and environment projects.
* Preparation of technical proposals for environmental and social assignments.
* Designing of rainwater harvesting systems.
* Designing of earthen dams and associated structures.
* Designing of cross drainage structures including pipe culverts, box Culverts, aqueducts, drainage syphon, canal syphon, village road banks (VRB) etc. as per Indian standard codes of practice.
* Estimation of quantities of steel and RCC. BOQ and bar bending schedule (BBS).
* Mathematical ability.
* GATE 2012, GATE 2013, GATE 2016 and GATE 2017 qualifications.



**SOFTWARE SKILLS**

Windows OS, Microsoft Office, Microsoft Excel, Google Earth – Professional ability

AutoCAD – Professional ability



**DESIGN CODES**

IS 456, IS 800, IS 1893, IS 12720, SP: 6 (1), IRC 40, IS 10500, IS 1173 and other local relevant codes.



**aCADEMIC Background**

Dec 2015 to Dec 2016 Indian Engineering Services Examination preparation

Hauz Khas, New Delhi, India

Aug 2008 to Sep 2012: B.E. in Civil Engineering

Birla Institute of Technology (BIT)

Mesra, Ranchi, Jharkhand, India

June 2007 to May 2008: Engineering Entrance Examinations preparation

Brilliant Tutorials

Hauz Khas, New Delhi, India

May 2007: High School Passed

Sainik School Chittorgarh, India

(Mathematics, Physics, Chemistry, English, Biology)

May 2005: Matriculation Passed

Sainik School Chittorgarh, India

(General science, Social Science, Mathematics,

English, Hindi)



**LANGUAGE PROFICIENCY**

English – Professional ability

Hindi – Professional ability

French – Intermediate Ability



**PERSONAL INFORMATION**

Hobbies – Walking, meditating, physical exercising, nature enjoying

Interests – Creativity, compassion, discipline, work ethics, travelling and making presentations etc.

Nationality – Indian

Ethnic group – Marwari

Date of birth –9th Sep 1988



**Professional Experience**

1. *Asian Consulting Engineers Pvt. Ltd., New Delhi*

***(January 2017 to Present)***

Project Role: Project Executive

Location:New Delhi

*roles & responsibilities*

* Preparation and management of ESIA, EIA, ESMP & RAP for World Bank funded projects in water and environment sector in India, Myanmar, Tanzania and Zambia
* Preparation and management of baseline study on flood mitigation for World Bank funded flood mitigation project in Nigeria.
* Preparation of water Source Vulnerability Assessment (SVA) reports for 15 manufacturing plants of ‘The Coca-Cola Company’ in India, Nepal, Bhutan and Bangladesh. It included responsibilities of watershed delineation, watershed management, and designing of Rainwater harvesting structures.
* Auditing of Effluent Treatment Plants (ETP), Water Treatment Plants (WTP) and Sewage Treatment Plants (STP).
* Responsibilities of water quality analysis and trend analysis based on IS: 10500 and WHO Guidelines.

1. *Egis India Consulting Engineers Pvt. Ltd. (A French Consultancy Firm)*

***(February 2013 to October 2015)***

**Project 1: Narmada Valley Development Authority (Madhya Pradesh)**

Consultancy Services for Identification, survey, preparation of Detailed Project Report and Detailed estimates of balance medium and minor irrigation projects in Narmada Basin – group B. from Omkareskwar Dam site to Gujarat State Border for **1,60,000 Ha of CCA**.

Period: **February 2013 – May 2015**

Project Role: Design Engineer

Location:Bhopal

*roles & responsibilities*

* Preparation of detailed project reports (DPR) for minor and medium irrigation.
* Runoff and yield estimations.
* Design of earthen dams and their associated structures of spillway channel, sluice, waste weir, sluice barrel, side walls and wing walls.
* Design of the concrete lined canals.
* Design of HDPE and Hume pipe canals.
* Design of cross drainage structures such as culverts, drainage syphons, canal syphons, VRBs and aqueducts.
* Production of Good for Construction (GFCs) drawings of the structures.
* Estimation of the hydraulic structures like dams, canals and cross drainage structures.

**Project 2: Dam Rehabilitation and Improvement Project (DRIP)**

Consultancy services for Dam Rehabilitation and Improvement Project (DRIP).Project Assisted by the **World Bank** and Coordinated and Supervised by the Central Water Commission**.**

Project Role: Consultant (Structural Design Engineer)

Client: Central Water Commission (CWC) and World Bank

Year: June 2015 – November 2015

Location:New Delhi

*roles & responsibilities*

* Designing rehabilitation measures to improve the safety and performance of selected about 300 existing dams and associated appurtenances in sustainable manner.
* Assisting senior design engineer in designing of an additional Spillway dam for passing out the revised flood for the **Hirakud Dam** inOdisha, India, which is the longest dam in Asia.
* Assisting senior design engineer in designing of Spillway Bridge, drainage gallery, glacis, elevator tower training walls, stilling basin with blocks etc.
* Design and estimation of wire mesh and shotcrete.
* Drawings of spillway overflow and non-overflow sections, piers, Spillway Bridge, drainage gallery, glacis, elevator tower etc.
* Designing and estimation of anchors.
* Flood Routing – Hydrologic analysis, flood forecasting, flood protection, reservoir design and seepage analysis.
* Preparation of bill of quantities of RCC and Steel and Bar Bending Schedule (BBS)



**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge.

** Place: New Delhi Hindpal Date: 16/12/2018**