

<b>Position Title:</b>	Occupational Health and Safety Officer		
<b>Name of Expert:</b>	Bhupendra Kumar		
<b>Date of Birth:</b>	01 August, 1992 (Age Proof Attached)		
<b>Country of Citizenship/Residence:</b>	Indian		
<b>Education:</b>	<ul style="list-style-type: none"> <li>• Bachelor of Engineering (Civil) from Uttarakhand Technical University in 2014</li> <li>• PG Diploma in Health Safety &amp; Environment Management in 2019</li> </ul>		
<b>Training:</b>	Two-day Technical workshop on the theme "Landslide Treatment and Erosion Control Works in Hills" organised by JICA supported UFRMP.		
<b>Employment record relevant to the assignment:</b>			
Period	Employing Organization and your title/position Contact information for references	Country	Summary of activities performed relevant to the Assignment
May 2019 to May 2024	Employer: Uttarakhand Disaster Recovery Project-AF Position: Assistant Engineer <i>For Reference:</i> Tel: Mail:	India	Responsible for Review of Detailed Project Report including Checking and Review of Design and Drawings & Supervision for Bridges and Retaining wall structure on the project as per working drawings. Assist the Executive Engineer in various activities and in the preparation of various reports for submission to the PMU. The project executed as per World Banks guidelines. Supervise the work as per technical specification and Contract Agreement. Approve the bar bending schedule, setting up quantity and quality control procedures and review of contractor's method of construction. Checking the adequacy of proper formwork, foundation layout, laying/compacting of concrete including curing operation, Monitor the progress of work. Review the work program of the Contractor pertaining to construction of structures. Assist the Field PIU Team in contract administration and management of the project and supervise the work of the contractor strictly in accordance with the milestone indicators provided in the Particular Condition of the Contract, Obtain quality assurance system of Contractor and approve it after detailed scrutiny with the PMU. Review test results/certificates of all construction materials and/or sources of materials and undertake additional tests as necessary to assess the quality of works and associate the PMU Staff in the Quality Assurance process. Verifying the bills related to the work done at the work Site. Preparing the documents as per the guidelines issued by the World Bank related to Environment and Social Monitoring. Review Social Assessment Reports for each Package and make sure that the Social Review of each package is done in detail as per ESMF format and is attached with all the DPRs. Ensure the construction works is executed in accordance to the Technical specifications, Environment Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with PMU and Contractor regarding the progress of work and ensuring timely completion of project. Review and certify "As Built" Drawings related to Bridge structures. Updating the ongoing works under UDRP-AF on World Bank online Procurement System (Step). Preparing Documents related to arbitration arising under UDRP and UDRP-AF. Preparation of Bid documents for the U-Prepare Project. Preparation of procurement plan for the U-Prepare Project.

**NARESH CHAMOLI**  
**Environment Expert**  
**FPIU PWD (U-PREPARE)**  
**Dehradun**

Period	Employing Organization and your title/position Contact information for references	Country	Summary of activities performed relevant to the Assignment
October 2015 to March 2018	<p>Employer: Wapcos limited (A Government of India Undertaking)</p> <p>Position: Site Engineer</p> <p><i>For Reference:</i>  <i>Tel:</i>  <i>Mail:</i></p>	India	<p>Review the detailed Project report for housing schemes river channelization works under the Mussoorie Dehradun Development Authority (MDDA).Carried out supervision and quality control work for housing schemes under the Mussoorie Dehradun Development Authority (MDDA)as a consultant. Responsible for on-site quality control activities, monitoring construction processes, and verifying that all work complies with specified quality standards, codes, and project requirements. Verify the quality of construction materials received on-site, checking Material Test Certificates (MTCs) for compliance with relevant standards and specifications. Identifying and documenting any defects or non-compliances encountered during on-site inspections, promptly reporting them for corrective action. Maintain comprehensive documentation of quality control activities, including test results, inspection reports, and compliance records. Check and control the concrete mix designs, setting up quantity and <b>quality control</b> procedures and review of contractor's method of construction. Monitor construction activities for compliance with plans and specifications. Regular supervision of works, inspection of contractor's plant, machinery and laboratory equipment, preparation of variation orders and extension of time, verifying and certifying contractors' Interim payment certificates, monitoring physical and financial progress of works to control client's budget to minimize time &amp; cost over runs, organizing on-the-Job training for personnel etc. Discussions with client about the proposed site work plan and coordinating the same with the field staff and colleagues to have organized work plan. Supervise the work as per technical specification and Contract Agreement. Approve the bar bending schedule, Developing and implementing quality control systems. Monitoring and analyzing quality performance. Inspecting and testing materials, equipment, processes, and products to ensure quality specifications are met. Ensure the construction works is executed in accordance to the Technical specifications, Environment Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with PMU and Contractor regarding the progress of work and ensuring timely completion of project. Review and certify "As Built" Drawings related to Building &amp; Retaining wall structures. Assist the client team in contract administration and management of the project and supervise the work of the contractor strictly in accordance with the milestone indicators provided in the Particular Condition of the Contract, Obtain quality assurance system of Contractor and approve it after detailed scrutiny with the client team. Day to day co-ordination with the client in the interest of progress of work at site supervision of every activity like form works, reinforcement fixing, concrete pouring work as per mix design , Earth work for backfilling area near structure , retaining wall, wearing course course at slabs, centre line of structure. Bank protection structure was to provide a substantial interface between the water flow and the ground to be protected. Suitable protection with boulders concrete or concrete slabs and boulders in wire crates forming flexible type apron may b provided are efficient in arresting the high velocity flow approaching the embankment. Regular interaction with client and Contractor regarding the progress of work and ensuring timely completion of project. Organizing regular review/discussion meetings</p>

January 2015 to July 2015	<p><b>Employer:</b> ME Testing Laboratory Dehradun</p> <p><b>Position:</b> Lab Engineer</p> <p><b>For Reference:</b></p> <p><b>Tel:</b></p> <p><b>Mail:</b></p>	India	<p>with client in order to ensure the essential technical content in the DPRs and then suggesting accordingly. Also, participating in the conferences / workshops on behalf of department and interacting with delegates from other firms to update technical happenings. Innovative and Modern construction techniques and methodologies were adopted in the project using latest equipment with best international practice. Supervision of all works in compliances with technical specifications/standards and using international best practices of modern construction techniques.</p> <p>Maintain accurate and comprehensive records of all quality control activities, including test results, inspection reports, and non-compliance observations. Ensure that all required tests and inspections are carried out accurately, and monitoring the testing process from sample collection to final certification.</p> <p>Actively participate in defect identification during inspections and promptly report any non-compliance to the client. Provide support to the client team during quality audits, helping in data collection and preparation of reports. Collaborate with construction contractors and subcontractors, communicating quality requirements and assisting in resolving quality-related issues. Regularly update the Senior Quality Technical Manager on the testing activities and contribute to the preparation of status reports.</p>
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Languages Skills (Indicate only languages in which you can work):

English      Hindi

#### **Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Expert	Employing Organization and your title/position Contact information for references		
<p><b>For Supervision Work:</b></p> <p><b>Pre-Construction Stage</b></p> <ul style="list-style-type: none"> <li>• Mobilization of Team</li> <li>• Prepare Daily Work Plan</li> <li>• Undertake joint survey with contractor.</li> <li>• Review BOQ, Design, Drawing &amp; Specification</li> <li>• Scrutinize Contractor Work Program</li> <li>• Field survey and measurements</li> <li>• Review and Evaluation</li> </ul>	<p>Name of Assignment:</p>	<p><b>World Bank Assisted Uttarakhand Disaster Recovery Project(AF)</b></p> <p><b>Summary of Sub-projects:</b></p> <ol style="list-style-type: none"> <li>1. Construction of Proposed Protection Works on Right Bank of Alaknanda River at Kothiyalsain village, District Chamoli under Uttarakhand Disaster Recovery project (Additional Financing)</li> <li>2. Construction of Proposed Protection Works on Right Bank of Alaknanda River at Birahi village, District Chamoli under Uttarakhand Disaster Recovery project (Additional Financing)</li> <li>3. Reconstruction Construction of 36M span bridle steel truss bridge near village Jakhni over Rodha Gadera in Chamoli.</li> <li>4. Reconstruction of 45 m Span Steel truss bridle Bridge over Laksi Chufla Gaad near Lankhi in District Chamoli.</li> </ol> <p>Year:</p> <p>Location:</p> <p>Client:</p>	

<ul style="list-style-type: none"> <li>working Drawings</li> <li>• <b>Quality control and approval of source of materials</b></li> <li>• Daily Supervision of completed work as per RFI and daily logs</li> <li>• Environment and Social concerns</li> <li>• Monitoring of Progress</li> <li>• Recommendations on contractor's payments, claims and dispute</li> <li>• Final inspection and certification</li> <li>• Variation order &amp; estimation of quantities and rate analysis</li> <li>• Establishment of Site office</li> <li>• Assigning Project Team Responsibilities</li> <li>• Review of contractors Plant Machinery and Equipments</li> </ul>	<p>Position Held:</p> <p>Project Salient Features:</p> <p>Activities Performed:</p>	<p>Assistant Engineer</p> <p><b><u>Inspection and quality control of River bank protection, bridges and road protection works proposed under the project.</u></b></p> <p>Responsible for Review of Detailed Project Report including Checking and Review of Design and Drawings &amp; Supervision for Bridges and Retaining wall structure on the project as per working drawings. Assist the Executive Engineer in various activities and in the preparation of various reports for submission to the PMU. The project executed as per World Banks guidelines. Supervise the work as per technical specification and Contract Agreement. Approve the bar bending schedule, setting up quantity and <b>quality control</b> procedures and review of contractor's method of construction. Checking the adequacy of proper formwork, foundation layout, laying/compacting of concrete including curing operation, Monitor the progress of work. Review the work program of the Contractor pertaining to construction of structures. Assist the Field PIU Team in contract administration and management of the project and supervise the work of the contractor strictly in accordance with the milestone indicators provided in the Particular Condition of the Contract, Obtain quality assurance system of Contractor and approve it after detailed scrutiny with the PMU. Review test results/certificates of all construction materials and/or sources of materials and undertake additional tests as necessary to assess the quality of works and associate the PMU Staff in the Quality Assurance process. Verifying the bills related to the work done at the work Site. Preparing the documents as per the guidelines issued by the World Bank related to Environment and Social Monitoring. Review Social Assessment Reports for each Package and make sure that the Social Review of each package is done in detail as per ESMF format and is attached with all the DPRs. Ensure the construction works is executed in accordance to the Technical specifications, Environment Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with PMU and Contractor regarding the progress of work and ensuring timely completion of project. Review and certify "As Built" Drawings related to Bridge structures. Updating the ongoing works under UDRP-AF on World Bank online Procurement System (Step). Preparing Documents related to arbitration arising under UDRP and UDRP-AF. Preparation of Bid documents for the U-Prepare Project. Preparation of procurement plan for the U-Prepare Project.</p>
<p><b>Post Construction Services</b></p> <ul style="list-style-type: none"> <li>• Issue taking over certificate</li> <li>• Finalisation of 'As Built' Drawings</li> <li>• Final inspection</li> <li>• Final project payment certificate</li> <li>• Additional services</li> <li>• Orientation Program</li> </ul>	<p>Name of Assignment:</p>	<ol style="list-style-type: none"> <li>1. <b>Supervision of Bindal and Rispana River Bank Protection Works under the Mussoorie Dehradun Development Authority</b></li> <li>2. <b>Supervision of HIG, MIG, LIG, EWS housing scheme under the Mussoorie Dehradun Development Authority</b></li> </ol>
	<p>Year:</p> <p>Location:</p> <p>Client:</p>	<p>October 2015 to March 2018</p> <p>Uttarakhand</p> <p>Mussoorie Dehradun Development Authority</p>

	<p>Position Held:</p> <p>Project Salient Features:</p> <p>Activities Performed:</p>	<p>Site Engineer</p> <p><b><u>Inspection and quality control of River bank protection, building works proposed under the project.</u></b></p> <p>Review the detailed Project report for housing schemes river channelization works under the Mussoorie Dehradun Development Authority (MDDA).Carried out supervision and quality control work for housing schemes under the Mussoorie Dehradun Development Authority (MDDA)as a consultant. Responsible for on-site quality control activities, monitoring construction processes, and verifying that all work complies with specified quality standards, codes, and project requirements. Verify the quality of construction materials received on-site, checking Material Test Certificates (MTCs) for compliance with relevant standards and specifications. Identifying and documenting any defects or non-compliances encountered during on-site inspections, promptly reporting them for corrective action. Maintain comprehensive documentation of quality control activities, including test results, inspection reports, and compliance records. Check and control the concrete mix designs, setting up quantity and <b>quality control</b> procedures and review of contractor's method of construction. Monitor construction activities for compliance with plans and specifications. Regular supervision of works, inspection of contractor's plant, machinery and laboratory equipment, preparation of variation orders and extension of time, verifying and certifying contractors' Interim payment certificates, monitoring physical and financial progress of works to control client's budget to minimize time &amp; cost over runs, organizing on-the-Job training for personnel etc. Discussions with client about the proposed site work plan and coordinating the same with the field staff and colleagues to have organized work plan. Supervise the work as per technical specification and Contract Agreement. Approve the bar bending schedule, Developing and implementing quality control systems. Monitoring and analyzing quality performance. Inspecting and testing materials, equipment, processes, and products to ensure quality specifications are met. Ensure the construction works is executed in accordance to the Technical specifications, Environment Management Plan and other stipulation of construction contract documents; Direct contractor in matters of construction safety and care of works; Regular interaction with PMU and Contractor regarding the progress of work and ensuring timely completion of project. Review and certify "As Built" Drawings related to Building &amp; Retaining wall structures. Assist the client team in contract administration and management of the project and supervise the work of the contractor strictly in accordance with the milestone indicators provided in the Particular Condition of the Contract, Obtain quality assurance system of Contractor and approve it after detailed scrutiny with the client team. Day to day co-ordination with the client in the interest of progress of work at site supervision of every activity like form works, reinforcement fixing, concrete pouring work as per mix design , Earth work for backfilling area near structure , retaining wall, wearing course course at slabs, centre line of structure. Bank protection structure was to provide a substantial interface between the water flow and the ground to be protected. Suitable protection with boulders concrete or concrete slabs and boulders in wire crates forming flexible type apron may b provided are efficient in arresting the high velocity flow approaching the embankment. Regular interaction with client and Contractor regarding the progress of work and ensuring timely completion of project. Organizing regular review/discussion meetings.</p>
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	<b>Name of Assignment:</b>	ME Testing Laboratory Dehradun: All the Material Testing Works
	<b>Year:</b>	January 2015 to July 2015
	<b>Location:</b>	Uttarakhand
	<b>Position Held:</b>	Lab Engineer
	<b>Activities Performed:</b>	Maintain accurate and comprehensive records of all quality control activities, including test results, inspection reports, and non-compliance observations. Ensure that all required tests and inspections are carried out accurately, and monitoring the testing process from sample collection to final certification. Actively participate in defect identification during inspections and promptly report any non-compliance to the client. Provide support to the client team during quality audits, helping in data collection and preparation of reports. Collaborate with construction contractors and subcontractors, communicating quality requirements and assisting in resolving quality-related issues. Regularly update the Senior Quality Technical Manager on the testing activities and contribute to the preparation of status reports.
<b>Expert's Contact Information:</b>	Email: <a href="mailto:bhupendra.raj92@gmail.com">bhupendra.raj92@gmail.com</a>	Phone:8126074270

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualification, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client.

Bhupendra Kumar

Name of Expert:

Signature:

14.10.2024

Date:

उपाधि क्रमांक/Degree Serial No. नामांकन संख्या/Enrolment No. अनुक्रमांक संख्या/ Roll No.  
143091 10710107478 10710107006



# उत्तराखण्ड तकनीकी विश्वविद्यालय

## बैचलर ऑफ टेक्नोलॉजी

प्रमाणित किया जाता है कि  
भुपेन्द्र कुमार  
को विश्वविद्यालय की वर्ष २०१४ की परीक्षा में उत्तीर्ण होने पर  
बैचलर ऑफ टेक्नोलॉजी (सिविल इंजीनियरिंग)  
उपाधि प्रथम श्रेणी में प्रदान की गई।

## BACHELOR OF TECHNOLOGY

*This is to certify that  
BHUPENDRA KUMAR  
has been awarded the Degree of  
BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)  
of the University in the year 2014 and was placed in the  
FIRST Division.*

उत्तराखण्ड तकनीकी विश्वविद्यालय  
देहरादून (उत्तराखण्ड), भारत  
Uttarakhand Technical University  
Dehradun (Uttarakhand), INDIA  
दिनांक/Dated : DATE OF ISSUE

19 AUG 2015

P. I. Chauhan  
कुलपति  
Vice Chancellor

Roll No. 100083  
Enrolment No. NFSE/04380



Date: 30-MAY-2019



## NFSE INDIA

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Ministry of Education, Govt. of India Recognised By N.C.T. New Delhi Govt. of India  
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National Career Services (NCS) Under Ministry of Labour & Employment  
Govt. of India

### CERTIFICATE



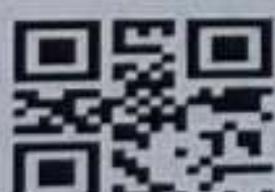
This is to certify that  
**BHUPENDRA KUMAR**  
Father's Name **GOVIND RAM**  
Has successfully completed the  
**PG.DIPLOMA IN HEALTH SAFETY & ENVIRONMENT MANAGEMENT (ONE YEAR)**  
In session April 2018 to March 2019 at  
DOON COLLEGE OF MANAGEMENT AND TECHNOLOGY NFSE/UK-0252  
MOKAMPUR, IIP GATE NO.2, OPP. HONDA SERVICE CENTRE,  
DEHRADUN, UTTARAKHAND - 248005.  
And has been placed  
I<sup>st</sup> Division in theory  
And I<sup>st</sup> Division in Practical.

This Certificate - holder is eligible & qualified for the purpose of employment in relevant sectors based on their course in Central and State Government, Private and Voluntary sectors in all part of National and International level, under the provision of Article 14, 15, 16 & 19 of the constitution of India and Registration by the Employment Exchange in India, vide reply to U.S.O. No. 8956 on 10-05-1989 and this certificate holder is the eligible for Registration of his/her name in any Employment Exchange in India for assistance in employment vide replay to U.S.O. No. 3718 on 7th December , 1988 in the parliament of India (Lok Shabha) by Hon'ble Deputy Minister of Labour, Government of India and U.S.O. No. 1739, on 25.11.1998 in the Rajya Shabha by the Hon'ble Deputy Minister of Labour, Government of India.  
The result declared under the Covid guidelines of the Government of India.

Director  
Board of Examination

PLACE : New Delhi

Chairman  
Board of Examination



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