

Name of Expert	<b>Pradeep Kumar</b>
Key Qualification	<ul style="list-style-type: none"> <li>• M.Tech. (Hydrology &amp; Water Resources Engineering) from Karnataka University, Karnataka, India (2013)</li> <li>• B.Tech. (Civil Engineering) from North Eastern Regional Institute of Science &amp; Technology - Nirjuli, Itanagar, Arunachal Pradesh, India (2009)</li> <li>• Diploma (Civil Engineering) from Institute of Engineering &amp; Rural Technology, Allahabad, Uttar Pradesh, India (2000)</li> </ul>
Expertise and Experiences	<p>Mr. Kumar has enriched <b>over 20 years of experience</b> into Site planning and co-ordination; dealing with local bodies to get work done; supervise the day-to-day entrusted works as per the approved plans complying with all quality requirements; execute work at site as per the project plan, workout bar bending schedule, surveying, and details of shuttering of structures, layout for geometry and important works for all structures as per the clients requirements from approved plans and submit to the section in charge; Calculate the material requirements; report on the progress of the works to the SIC and planning office on a daily basis, ensure compliance of quality, safety and environment standards and maintenance of site records as per ISO 9001; ransient Analysis for surge shaft using specialized software WHAMO; High Flood Level (HFL) computations using HEC-RAS software; head loss computation for the project; review of construction drawings; Detailed Hydrological studies covering areas such as analysis of collected data, river system and basin characteristics, finalization of catchment area, water availability, reservoir elevation area capacity curve, rating curve and sedimentation, Design flood analysis required for preparation of detailed project report; etc.</p> <p>Mr. Kumar has worked for various assignments of Asia and AFRICA.</p> <p>He worked for many Hydropower Projects out of which few <b>major Projects</b> are listed below:</p> <ul style="list-style-type: none"> <li>) <b>600MW Karuma Hydropower Project, Uganda</b></li> <li>) <b>183MW Isimba Hydropower Project, Uganda</b></li> <li>) 21MW Hale Hydropower Project , Tanzania</li> <li>) <b>1200 MW Teesta –III Hydro Electric Project, Sikkim, India</b></li> <li>) <b>1125 MW Kuri - I Hydroelectric Power Project, Bhutan</b></li> <li>) <b>2 x 48.5 MW Tashiding Hydroelectric Power Project, Sikkim, India</b></li> <li>) <b>Alaknanda Hydro Power Project ( 82.5 X 4 = 330 MW ), Shrinagar, Uttrakhand, India</b></li> <li>) <b>Lower Subansiri Hydro Electric Project ( 250 X 8 = 2000 MW ), India</b></li> </ul>