

**CURRICULUM VITAE (CV)**

1.	<b>Name of Firm</b>	<b>Aquagreen Engineering Management (P) Ltd.</b>		
2.	<b>Name of Expert</b>	<b>NARESH KUMAR</b>		
3.	<b>Date of Birth</b>	20-04-1951	<b>Citizenship</b>	Indian
4.	<b>Education</b>	<ul style="list-style-type: none"> <li>➤ Post Graduate Diploma (Hydro Power Development), Norwegian Technical University (NTH), Trondheim, Norway</li> <li>➤ Master of Technology - Rock Mechanics (Civil Engineering, Department of Civil Engineering, Indian Institute of Technology, Delhi</li> <li>➤ Bachelor of Science (Civil Engineering) Delhi College of Engineering, New Delhi</li> </ul>		
5.	<b>Membership in Professional Association</b>	<ul style="list-style-type: none"> <li>➤ Member of Indian Geo-technical Society (IGS).</li> <li>➤ Member of Indian society of Rock Mechanics &amp; Tunneling Technology (ISRMTT)</li> <li>➤ He has published more than 20 numbers of technical papers in different national and international Journals / seminars, and having in his credit more than 100 nos. of technical reports/documents.</li> <li>➤ He has received a number of Merit Certificates and awards for his contribution for the development of Hydropower projects in India &amp; Bhutan.</li> </ul>		
6.	<b>Other Trainings</b>	<ul style="list-style-type: none"> <li>➤ Training in the design analysis of hydraulic structures, USBR, Denver, USA. Arizona State University, Tuscon, USA</li> <li>➤ Training in the field of Rock Mechanics, under the expert guidance of Dr. Evert Hoek. (Indo-British Training Program)</li> <li>➤ Training in the field of Hydro Power Planning &amp; Design, Harza Engineering Company, Chicago, USA.</li> <li>➤ Training in "Hydro Power Resources Development &amp; Management", ICH, Trondheim, Norway</li> </ul>		
7.	<b>Countries of Work Experience</b>	India, Yemen, Bhutan, Kenya, Nepal, Mozambique		
8.	<b>Languages</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
	• <b>English</b>	Good	Good	Good
	• <b>Hindi</b>	Good	Good	Good
9.	<b>Employment Record</b>	<p>More than 39 years of professional experience in Project Planning and Site Management during commissioning and pre-commissioning stages, Techno-economic Evaluation of Feasibility Study Reports, Tender preparation &amp; evaluation for EPC Contracts, Detailed Engineering &amp; Construction Management, Monitoring and Contract Implementation &amp; Management of hydropower projects of various magnitudes located in India, Bhutan, Nepal, Afghanistan, and</p>		

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		<p>Mozambique.</p> <p><b>Commissioning Experience:</b></p> <p>The major commissioned hydroelectric projects where he was involved in Project Management activities including designs and implementation of the contract are: Tala H. E. Plant <b>(1020MW)</b>; Purulia Pumped Storage Plant <b>(900MW)</b>; Tehri H.P. Project <b>(1000 MW)</b>; Ranganadi H. E. Project <b>(405 MW)</b>; Koteshwar H. E. Project <b>(330 MW)</b>.</p> <p>He has also been associated with various hydro power projects at detailed feasibility and construction stages (under construction) such as Punatsangchu-I H. E. Project <b>(1200MW)</b>; Punatsangchu-II H. E. Project <b>(1020MW)</b>; Kunda Pumped Storage H. E. Project <b>(500MW)</b>; Arun – III H. E. Project <b>(900MW)</b>; Loharinagpala H. E. Project <b>(600MW)</b>; Tapovan-Vishnugad H. E. Project <b>(520MW)</b>; Kol Dam H. E. Project <b>(800MW)</b>; Turga Pumped Storage H. E. Project <b>(1000MW)</b>; Pancheshwar H. E. Project <b>(5600 MW)</b> etc.</p>
Period	Employer	Position Held
2012- Till Date	Aquagreen Engineering Management (P) Ltd., Gurgaon, India	Consultant (Hydro)
May 2011- till date	WAPCOS Ltd.	Top Level Expert (Hydro)
July 2008- April 2011	Central Water Commission, Ministry of Water Resource, GOI	Chief Engineer (Civil Design)
May 2007- June 2008	Farakka Barrage Project	General Manager
November 2003- April 2007	Central Water Commission, Ministry of Water Resource, GOI	Project Manager /Director (Hydel Civil Designs)
November 2000- October 2003	WAPCOS LTD	Project Manager / Chief Engineer (Hydro)
January 1999- October 2000	Tala Project Authority (THPA), Bhutan	Project Manager / Superintending Engineer
January 1995- December 1999	Central Water Commission, Ministry of Water Resource, GOI	Project Manager / Director
January 1981- December 1994	Central Water Commission, Ministry of Water Resource, GOI	Deputy Director/Executive Engineer (Hydel Civil Designs)
October 1976- December 1980	Central Water Commission, Ministry of Water Resource, GOI	Assistant Director (Hydel Civil Designs)

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10.	<b>Work Undertaken the best Illustrates Capability to handle the Task Assigned</b>	
(1)	<b>Name of assignment or Project</b>	<b>Kynshi Stage-I H. E. Project (270MW) – Feasibility Report Completed</b>
	<b>Client</b>	Athena Kynshi Power Pvt. Ltd.
	<b>Year</b>	2012-13
	<b>Location</b>	Meghalaya, India
	<b>Main project features</b>	58.10m high Concrete Gravity Dam, Disilting Basins, 6.89km long HRT, Surge Shaft, Pressure shaft, Underground PH, TRT's
	<b>Positions held</b>	Consultant (Civil Design)
	<b>Activities performed</b>	Feasibility stage civil design of underground structures and project layout optimization.
(2)	<b>Name of assignment or Project</b>	<b>Anjaw H. E. Project (300MW) – In Feasibility Stage</b>
	<b>Year</b>	Lohit Urja Pvt. Ltd. , India
	<b>Location</b>	2013 onwards
	<b>Client</b>	Arunachal Pradesh
	<b>Main project features</b>	15.0m high Barrage, Surface Power house
	<b>Positions held</b>	Consultant (Civil Design)
	<b>Activities performed</b>	Feasibility stage civil design of underground structures and project layout optimization.
(3)	<b>Name of assignment or Project</b>	<b>Emra H. E. Project (216MW) – In Feasibility Stage</b>
	<b>Year</b>	Athena Emra Power Limited, India
	<b>Location</b>	2013 onwards
	<b>Client</b>	Arunachal Pradesh, India
	<b>Main project features</b>	25.0m high Barrage, 300-400m long Pressure shafts, Underground PH, TRT
	<b>Positions held</b>	Consultant (Civil Design)
	<b>Activities performed</b>	Site selection, Involved in Planning and design of project layout and various project structures