

**CURRICULUM VITAE (CV)**

1.	<b>Name of Firm</b>	<b>Aquagreen Engineering Management Pvt. Ltd.</b>		
2.	<b>Name of Expert</b>	<b>PRAMOD BHALCHANDRA DEOLALIKAR</b>		
3.	<b>Date of Birth</b>	15-05-1948	<b>Citizenship</b>	Indian
4.	<b>Education</b>	<ul style="list-style-type: none"> <li>➤ Bachelor in Engg. (Civil), 1970, College of Engineering, Pune University, India</li> <li>➤ Masters in Engg (Civil), 1980, College of Engineering, Pune University, India</li> <li>➤ Post Graduate Diploma (Water Resources Development), 1982, University of Roorkee, India</li> <li>➤ M.S. (Civil) with Hydraulics specialization, 1985, Colorado State University, U.S.A.</li> </ul>		
5.	<b>Membership in Professional Association</b>	<ul style="list-style-type: none"> <li>➤ President, Indian Society for Hydraulics.</li> <li>➤ Member of following Committees of Bureau of Indian Standards, New Delhi</li> <li>➤ WRD 9 : Dams (Over flow and Non-overflow ) and Diversion works</li> <li>➤ WRD 10 : Spillways including Energy Dissipaters</li> <li>➤ WRD 15 : Hydroelectric Power House Structures</li> <li>➤ Associate Editor for the Journal of Indian Society for Hydraulics - 1996 - 98.</li> </ul>		
6.	<b>Other Trainings</b>	<ul style="list-style-type: none"> <li>➤ <b>UN fellowship for Study of Hydraulic Engineering at Colorado State University, Fort Collins, USA from August 1984 to July 1985 leading to Master of Science Degree in Civil Engg with Hydraulics specialization.</b></li> <li>➤ Attended 15 training courses in the field of “<b>Hydraulics of Dams, Spillways, Energy Dissipation, Power Intakes, Diversion Tunnels and Reservoir Sedimentation etc.</b>” conducted by International experts at Central Water Power Research Station, Pune, India under UNDP Programs.</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>	He has more than <b>42 years</b> of professional experience in <b>Planning, Detailed Engineering Design, Drawing, Construction of main Civil Components of Hydro Electric project such as Dam, HRT, TRT, Desilting Chamber, Power house, Stability of Dam, Head Work etc.</b>		

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		<p>He has rich experience in the Hydraulic design (including hydraulic model studies) and construction stage supervision of hydraulic structures of Hydro Power Projects such as spillways, energy dissipaters, power house tail race channels/tunnels, spillway tunnels and spillway aerators, and construction stages protection works (Coffer Dam etc.). He has been associated in the development of more than <b>20 Hydro</b> Power Projects in India, Nepal, Bhutan, Iraq, Iran and Oman.</p> <p>He has worked closely with funding agencies including ADB, WB, JICA, JBIC, and AfDB. He has worked in different capacities from implementation to strategic planning, and policy.</p>
Period	Employer	Position Held
April 2008- Till Date	Aquagreen Engineering Management Private Limited, India	Consultant (Hydraulic Design Expert)
April 2001- May 2008	Central Water & Power Research Station, Govt. of India	Joint Director
May 1995- March 2001	Central Water & Power Research Station, Govt. of India	Chief Research Officer
January 1986- May 1995	Central Water & Power Research Station, Govt. of India	Senior Research Officer
January 1980- December 1985	Central Water & Power Research Station, Govt. of India	Senior Research Officer
January 1976- December 1979	Central Water & Power Research Station, Govt. of India	Assistant Research Officer
May 1972- December 1975	Central Water & Power Research Station, Govt. of India	Assistant Research Officer

<b>10.</b>	<b>Work Undertaken the best Illustrates Capability to handle the Task Assigned</b>	
<b>(1)</b>	<b>Name of assignment or Project</b>	<b>Tala Hydro Electric Project (6 x 170 MW) - Completed</b>
	<b>Client</b>	WAPCOS Ltd. GOI / Tala Hydropower Authority (Bhutan)
	<b>Year</b>	1997 – 2005
	<b>Location</b>	Bhutan
	<b>Main project features</b>	A Concrete Gravity Dam of 92 meter with sluice spillway; A Diversion Tunnel of 6.8 meter diameter and about 366 meter length; Power Intake, Desilting Chambers, Headrace Tunnel of 6.8 meter diameter and 23 km length; Surge Shaft of 15 meter diameter and 184 meter height; Tailrace Tunnel of 7.75 meter diameter and 3.15 km length
	<b>Positions held</b>	Jt. Director/Chief Research Officer
	<b>Activities performed</b>	<ul style="list-style-type: none"> <li>➤ Overall project management</li> <li>➤ Review and Recommendation of detail Survey &amp; Investigation details of the project area.</li> <li>➤ Involve in Site Selection, Planning and design of project layout and various project structures.</li> <li>➤ Responsible for the overall planning and detailed designs,</li> <li>➤ Management of various activities related to the Civil Design</li> </ul>

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		<p>and project Layout.</p> <ul style="list-style-type: none"> <li>➤ Tender preparation &amp; evaluation,</li> <li>➤ Detailed Design of main Civil Structures Dam, HRT, TRT, Surge Shaft, Power House</li> <li>➤ Preparation of Details Engineering Drawing of Main Civil Structures of the Project Components.</li> <li>➤ Involved with planning, Hydraulic design and model studies of dam spillway, energy dissipation arrangement, power intake, desilting chambers, tail race tunnel and its outfall structures, etc. including Construction stage Supervision.</li> <li>➤ Tender Evaluation and Recommendation</li> <li>➤ Monitoring during construction stage including coordination with different agencies involved in various construction activities of the project.</li> </ul>
(2)	<b>Name of assignment or Project</b>	<b>Sardar Sarovar H.E Project (1200 MW) - Completed</b>
	<b>Year</b>	Sardar Sarovar Narmada Nigam Limited (SSNNL), India
	<b>Location</b>	1986 – 2006
	<b>Client</b>	Gujarat, India
	<b>Main project features</b>	A 110 m high concrete Dam, Power Intake, and a dam toe Under Ground PH, downstream surge pool, tail race tunnel, with six units of 200 MW each
	<b>Positions held</b>	Jt. Director/Chief Research Officer/Sr. Research Officer
	<b>Activities performed</b>	<ul style="list-style-type: none"> <li>➤ Involve in Site Selection, Planning and design of project layout and various project structures.</li> <li>➤ Responsible for the overall planning and detailed designs,</li> <li>➤ Involved with planning, Hydraulic design and model studies of dam spillway, energy dissipation arrangement, power intake, desilting chambers, tail race tunnel and its outfall structures, etc</li> <li>➤ Detailed Design of main Civil Structures Dam, HRT, TRT, Surge Shaft, Power House</li> <li>➤ Preparation of Details Engineering Drawing of Main Civil Structures of the Project Components.</li> <li>➤ Tender Evaluation and Recommendation</li> <li>➤ Monitoring during construction stage including coordination with different agencies involved in various construction activities of the project</li> </ul>
(3)	<b>Name of assignment or Project</b>	<b>Nathpa Jhakri H. E. Project (1500MW) - Completed</b>
	<b>Year</b>	1995 - 2004
	<b>Location</b>	Himachal Pradesh, India
	<b>Client</b>	Satluj Jal Vidyut Nigam Ltd., PSU, GOI
	<b>Main project features</b>	62.5 m high concrete gravity with Sluice/Overflow Spillway, Power Intake, Desilting Chambers, 27.5 Km long HRT, Surge shaft, UG Power House, Tail Race Tunnel and Outfall Structure.

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	<b>Positions held</b>	Joint Director/ Chief Research Officer
	<b>Activities performed</b>	<ul style="list-style-type: none"><li>➤ Involved with Hydraulic design and model studies of dam spillway, energy dissipation arrangement, power intake, tail race tunnel and its outfall structures, etc. including Construction stage Supervision.</li><li>➤ Review and Recommendation of detail Survey &amp; Investigation details of the project area.</li><li>➤ Involve in Site Selection, Planning and design of project layout and various project structures.</li><li>➤ Responsible for the overall planning and detailed designs,</li><li>➤ Management of various activities related to the Civil Design and project Layout.</li></ul>