

CURRICULUM VITAE (CV)

1.	Name of Firm	Aquagreen Engineering Management (P) Ltd.		
2.	Name of Expert	Dr. K. KESAVA PILLAI MUKUNDAN MENON		
3.	Date of Birth	05/12/1946	Citizenship	Indian
4.	Education	<ul style="list-style-type: none"> ➤ Ph. D. (Civil), 1991, Indian Institute of Technology (IIT), Delhi, India ➤ Masters in Civil Engineering (Earthquake Engineering), 1982, Indian Institute of Technology (IIT), Roorkee, India ➤ B. Sc (Civil Engineering), 1969, Engineering College, Trichur University of Kerala, India 		
5.	Membership in Professional Association	<ul style="list-style-type: none"> ➤ Fellow of Institution of Engineers (India). ➤ Life Member of Indian Society for Earthquake Technology. ➤ Life Member of Indian Geotechnical Society ➤ Life Member of Indian Society of Hydraulics ➤ He has published number of research papers in different national & international Journals/workshops/Seminars, and has more than fifty technical reports to his credit. 		
6.	Other Trainings	<p>Training under UNDP fellowship on Finite Element Method of Analysis, 6 Months (Aug 1988 to Jan 1989)</p> <p>Training Institutions</p> <ul style="list-style-type: none"> • USA (University of Colorado, Colorado) • U.S.B.R (Denver, Colorado) • University of Arizona, Tucson, Arizona • UK (University of Wales, Wales) 		
7.	Countries of Work Experience	India, Afghanistan, Bhutan and Uganda		
8.	Languages	Speaking	Reading	Writing
	• English	Good	Good	Good
	• Hindi	Good	Good	Good
	• Malayalam	Good	Good	Good
9.	Employment Record	<p>He has more than 36 years of professional experience in Planning, Designing, Detailed Engineering Design & Drawing of Hydraulic Structures such Dam, De-silting Chambers, Power House etc. preparation of final design computation and drawing of the main civil structures and has contributed significantly in the development of more than thirty (30 nos.) numbers of hydropower projects located in India, Afghanistan, Bhutan and Uganda.</p>		

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		<p>Completed Project Details:</p> <p>He was responsible for the detail structural engineering, design and construction supervision of Dam, De-silting chamber/basin and Power House of the below mentioned projects:</p> <ol style="list-style-type: none"> 1. Nathpa Jhakri Hydro Electric Project (1500 MW), Himachal Pradesh 2. Sardar Sarovar Hydro Electric Project (600 MW), Gujarat 3. Upper Indravati Hydro Electric Project (600 MW), Orissa 4. Kopili Hydro Electric Project (275 MW), Assam 5. Malana II Hydro Electric Project (100 MW), Himachal Pradesh 6. Teesta III Hydro Electric Project (1200 MW), Sikkim (85 % completed)
Period	Employer	Position Held
August 2012- Till Date	Aquagreen Engineering Management (P) Limited, India	Civil Expert
April 2010- July 2012	Energy Infratech Private Limited, India	Vice President
1996- 2005	Central Water Commission, Ministry of Water Resource, GOI	Director
1979- 1999	Central Water Commission, Ministry of Water Resource, GOI	Assistant Director/ Dy. Director

10.	Work Undertaken the best Illustrates Capability to handle the Task Assigned	
(1)	Name of assignment or Project	Sardar Sarovar H. E. Project (1200MW) – Completed
	Client	Sardar Sarovar Narmada Nigam Limited(SSNNL)
	Year	1996-2005
	Location	Gujarat
	Main project features	163 m high & 1210 m long Concrete Gravity Dam, Underground Power House and Surface GIS.
	Positions held	Director, Central Water Commission.
	Activities performed	<ol style="list-style-type: none"> a) Complete structural designs for the Underground Power House, India's biggest Pumped Storage Project. b) Structural Design of Canal based Surface Power House (5 x 50 MW) c) Inspection of the hydraulic structures during construction
(2)	Name of assignment or Project	Upper Indravati Multipurpose HE Project (600 MW) - Completed
	Year	1984-1990
	Location	Orissa

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	Client	State Govt. of Orissa
	Main project features	45.0m high & 539m long Masonry Dam, surface PH, long canal system for irrigation
	Positions held	Deputy Director, Central Water Commission.
	Activities performed	Complete structural designs, construction drawings and supervision of the Water conductor system including the Surge shaft, Power House and Tailrace System.
(3)	Name of assignment or Project	Nathpa Jhakri H.E. Project (1500 MW) - Completed
	Year	1984-1988
	Location	Himachal Pradesh, India
	Client	Satluj Jal Vidyut Nigam Ltd., PSU, Govt. Of India
	Main project features	62.5 m high concrete gravity, 4 Nos., egg-shaped, each 525 m x 27.5 m x 16.31 m de-silting chamber, 10.15 m dia. 27.39 km long HRT, 3 Nos. of 4.9 m dia. Steel lined Pressure shaft, UG Power House housing 6 units of 250 MW each.
	Positions held	Deputy Director, Central Water Commission
	Activities performed	<ul style="list-style-type: none"> a) Structural design of water conductor system including De-silting Chamber, Surge tank and Pressure Shaft. b) Inspection of the hydraulic structures during construction