


## CURRICULUM VITAE

<b>Name</b>	:	<b>SUNIL KUMAR SINGAL</b>	
<b>Date of birth</b>	:	Oct. 16, 1961	
<b>Address</b>	:	Alternate Hydro Energy Centre, Indian Institute of Technology, Roorkee-247667 (Uttarakhand), India, Fax: 91-1332-273517, 273560, Tel: 91-1332-285167 (O), 273273 (R)	
<b>Education</b>	:	B.E. (Civil), UOR (Now IIT) Roorkee (1983); M.E. (Earthquake), UOR Roorkee, Ph.D., IIT Roorkee	
<b>Employment</b>	:	Senior Scientific Officer, Alternate Hydro Energy Centre, Indian Institute of Technology Roorkee - Since Sept. 2001, Scientist `B`- 1985- 2001, Scientist `A`- 1984- 1985	
<b>Job Description</b>	:	(a) Teaching B. Tech/ M. Tech courses on small hydro power planning and design and conservation of river and lakes. (b) Research, development and consultancy work for Investigation, planning and preparation of feasibility/ Detailed Project Reports of SHP Projects, Coordination of execution of SHP projects, Detailed Engg. Design of SHP projects, Technical specifications, costing and financial aspects of SHP projects.	
<b>Travel</b>	:	International - China (1986), USA (1997), Canada (1997 & 2004), Norway (2001), Nepal (2003), Uganda (2005), Germany (2006) and Sri Lanka (2007). National - To the states of Arunachal Pradesh, WB, Orissa, Bihar, Assam, Sikkim, Chhattisgarh, Delhi, Gujarat, Karnataka, A.P., Tamil Nadu, J&K, HP, UP, Uttarakhand, Jharkhand, Bihar, Punjab, Haryana, MP and Rajasthan.	
<b>Supervised B.Tech/ M.Tech project/ Thesis</b>	:	(i) B.Sc./Diploma Projects-4, (ii) M.Sc./B.Tech Projects/Vocational Training-18 (iii) M. Tech Projects-30 (iv) M. Tech Thesis -23	
<b>Co-ordination/ Participation of Short Term Courses/Symposium /Workshop/Conference/ Seminar</b>	:	(i) Co-ordinated/ Organised Short Term Courses/Conferences : 29, (ii) Delivered lectures/ Participated in Short Term Courses : 96 (iii) Participated in Conferences/ Workshops: 37 (iv) Invited Lectures/talks: 11	
<b>Publications</b>	:	Technical Papers published in Workshop/Conference/Seminar/Journals - 80	
<b>Projects/Field work</b>	:	(i)Detailed Project Reports-56,(ii) Pre-feasibility Reports-28 (iii)Tender Specifications-26 (iv) Techno-economic evaluation reports-29, (vi) Renovation, modernisation and uprating reports -18, (vii) RLA & LE testing reports-14 (viii) Other technical reports-24 (ix) Coordination of preparation of master plan of SHP potential and other SHP related projects in Punjab, Chhattisgarh, MP, West Bengal, Sikkim, UP and Uttarakhand states.	
<b>International Projects</b>	:	UNDP-GEF Hilly Hydro project, R&M DPR with Canada, WIDP-WECS-HMG of Nepal for GIS database in SHP, Centre for Ecology & Hydrology : Training and Drainage Study for lean flow, CIDA, Canada – SHP Technology Transfer, European Union- water quality project	
<b>Others</b>	:	Member SRIC board for AHEC (2002- 2008), Warden, Rajendra Bhawan Students Hostel (1998- 2001), Chief Warden, Cautley Bhawan and Radha Krishan Students Hostel (2009- Cont.), Member, Institute Senate (2010)	
<b>Membership of Professional bodies</b>	:	Life member of Indian Society for Technical Education, Indian Water Resource Society, Institution of Engineers (India), Indian Society of Earthquake Technology, International Association for Small Hydro, Indian Association of Hydrologists, Solar Energy Society of India, International Hydropower Association, Indian Society for Hydraulics, International Association of Hydraulic Engineering and Research	