

PERSONNEL DETAILS OF S. N. SINGH

1. **Name** : **S. N.SINGH**
2. **Date of birth** : Jan. 15, 1956
3. **Address for Communication** : Alternate Hydro Energy Centre,
IIT,Roorkee-247667
(Uttarakhand)
Fax: 91-1332-273517,2 73560
Tel: 91-1332-285842
4. **Educational Qualifications** : B.E. (Electrical) MMM Engg.
Collage Gorakhpur (1978),
M.E. (Electrical) UOR Roorkee
(1982)
5. **Employment** : Senior Scientific Officer,
Alternate Hydro Energy Centre,
Indian Institute of Technology
Roorkee-
Since Sept. 2001, Scientist `B` from
Jan.1983.
6. **Travel International** : UK (1996), Germany (1996), Switzerland
(1996), Sri Lanka (1999), Norway (2001)
and China (2007). **National** : To the states
of Arunachal Pradesh, WB,Bihar, Sikkim,
Gujarat, Maharastra, Madhya Pradesh,
Andhra Pradesh., J&K, HP, Uttarakhand,
Jharkhand, Punjab, Haryana and Rajasthan.
7. **Job Description** : Teaching BE/ME/B.Tech/M.Tech level
courses related to Small hydropower
development, and other renewable viz.
(Electrical Machines, Control & protection,
Rural Transmission and Distribution lines
of SHP Stations, E&M works for Small
Hydropower Stations, wind energy
conversion, energy resources and energy
conservation) since 1997.

Planning and Preparation of feasibility/
Detailed Project Reports, Tender
specifications, Coordination of SHP
projects, Detailed Engg. Design of SHP
projects. Testing of E&M works equipment
at works, performance testing of SHP
Stations.

8. **Supervised BE/ME/B.Tech/M.Tech : Projects/ Dissertations**
 - (i) M.Sc./B.Tech Projects/Vocational Trainings : 10
 - (ii) ME/M.Tech Projects Tour Reports : 30
 - (iii) ME/M.Tech Dissertation : 17
9. **Co-ordination /Participation of Short Term : Courses/Symposium/Workshop/Conference/ Seminar (upto 4 weeks duration)**
 - (i) Co-ordinated /Organised Short Term Courses/ Conferences : 14
 - (ii) Delivered lectures/ Participated in Short Term Courses : 40
 - (iii) Participated in Conferences/ Workshops : 28
10. **Publications**
Technical Papers published in Workshop/Conference/Seminar/Journals : 18
11. **Works of Special Importance** :

Supervised erection and commissioning of Electro-mechanical work at 6 SHP stations including one SHP located about an altitude of 4000 m in Sikkim

Proposed World Bank Aided SHP Project in India Coordinated/ prepared the draft technical specifications for International competitive Bidding and standard Type Designs and Drawings for Department of Non-Conventional Energy Sources, Govt. of India. (About 100 MW is proposed on 60 sites 1991-1992).

Coordinated livelihood activities work in Uttarakhand funded by UNDP through MNRE Govt. of India.
12. **Prepared Technical Reports of SHP Projects** : Detailed Project Reports, Pre-feasibility Reports, Tender Specifications etc. 180
13. **Membership of Professional bodies:** (i) Life Member, Indian Institute of Technology, Roorkee.

- (ii) Life member of Indian Water Resource Society
- (iii) Life member of Indian Society for Technical Education
- (iv) Individual Corporate Membership of the Indian National Hydropower Association.