

BIODATA

PERSONAL

Name : **Mr. DHRUVA RAJ BHATTARAI**
Address: : Gha-1/327, Gyaneshwar, Kathamandu
Profession : Electrical/Hydropower Engineer
Date of Birth : October 7, 1949
Nationality : Nepalese
Contact Number : 977-1-4413423/4420492
: drajbhattarai@hotmail.com
: **Nepal Engineering Council, Regd. No. 211**

EDUCATION

Bachelor of Engineering : University of Engineering and Technology. **Lahore, Pakistan** Area of Study: **Electrical-Power Major**
Master of Science in Engineering 1984 -1985 : **University of Tennessee U.S.A.**

LANGUAGE AND DEGREE OF PROFICIENCY

<u>Language</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
Nepali	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Life Member of Nepal Engineers Association.
- Life Member of Management Association of Nepal.
- **Life Member Nepal Council of Arbitration**
- Life Member of JICA Alumni Association of Nepal.
- Life Member Society of Technical Auditor of Nepal
- **Executive Member of Nepal Council of Arbitration.**
- **Ex – Chairman & Founder Member of Board of Directors, Jyoti Bikash Bank Ltd**
(A National Level Bank)
- Member, International Association on Electricity Generation, Transmission and Distribution (Afro-Asian Region).
- Ex - Executive Member - Nepal Engineering Council.
- Ex - Member, Pashupati Area Development Trust, Executive Committee.
- Ex -Executive Member, Management Association of Nepal.

KEY QUALIFICATION

- Extensive experience in the field of Project Management and **established a leadership capability** as Project Director in 70 MW Middle Marsyangdi Hydroelectric Project, Seventh Power Project and Jomsom Small Hydel Project.
- **Valuable Experience** working with the **Government of Nepal for 15 years**, working with **Leading Semi-Government Agency** in Nepal for **more than 15 years** and working as a **Freelance Consultant, Technical Auditor and Arbitrator**.
- **Substantial experience in Finance, Administration and Human Resources Development**, effective implementation of recruitment, promotion and staff welfare.
- Valuable experience working with expatriate consultants such as **Hyundai Engineering, South Korea, EDF - France and Fichtner JV Germany** also very good experience in dealing with foreign donor agencies such as **Asian Development Bank, World Bank and Kfw, Germany**.
- Has **very good experience in Project Identification, Feasibility Study and Construction Supervision of number of Hydroelectric Projects and Distribution Sub-Station and Rural Electrification Projects** as well as High Voltage Lines and Sub-Stations including communication, control and protection.

EMPLOYMENT RECORD

Dec 10, 2003 to date

Freelancer as an Electrical/ Hydropower Expert, Management Consultant, Technical auditor and An Arbitrator

Consultant for Barkal Micro Hydro Power Plant in Bangladesh

Technical Auditor for Bagmati River Training Project/ GoN At Bungamati

Member, Dispute Resolution Board, Lama-Sahiba JV VS Road Board Nepal/GoN

Consultant (Electrical Part) for Sub-regional Transport Facilitation Project, Department of Roads

Technical Auditor for Hile- Basantapur Road Project, Depart of Roads, GoN

Technical Auditor for Kailai-Kanchanpur Rural Electrification, Project, Nepal Electricity Authority, funded by DANIDA

Chairman of the Board of Directors, Jyoti Bikash Bank Ltd (A National Level Bank)

Chief Arbitrator, Shyam Sundar – C.M. JV Vs Central Level Project Implementation Unit (Education)

Chief Arbitrator, Office of the Municipal Executive, Hetauda Sub-Metropolitan Vs M/S Lama-Rasuwa-Baniya JV

Adjudicator, Lama Construction VS Department of Roads, GoN Hile – Basantapur Road Project.

Member, Dispute Adjudication Board, Nepal Electricity Authority VS HCID China Supply and Construction Sub-stations, Thankot – Chapagaun – Bhaktapur Transmission Line Project

Adjudicator, Nepal Electricity Authority VS CCPDIE AND Trade Co. Ltd China, Bharatpur – Bardaghat 220 Kv Transmission Line Project

CONTRACT ADVISER, in Himal Hydro and General Construction Ltd.

Chief Arbitrator, Bharatpur Municipality VS Ashish Nirman Sewa, Construction of Central Bus Terminal Contract

Adjudicator, Khandbari Municipality VS Arun Valley Hardware and Supplies, for a Supply Contract

Sole Arbitrator, Central Regional Divisional Road Office, Nuwakot VS Trishuli- Hindung & Thokar-Bir-Rajav-Rinka JV

2002 to Dec 9, 2003

DEPUTY MANAGING DIRECTOR Finance and administration, Nepal Electricity Authority.

- Overall financial management of NEA through preparation of annual budget and program, distribution of budget, collection of revenue and receivable, control of expenditure and costs, maintenance of up - to date control account and management and accounting of corporate funds
- Preparation of annual human resources plan and program; ensure their effective implementation through timely and efficient recruitment, development, promotion, transfer, staff welfare and safeguard legal interest of NEA.
- Responsible for the Financial and Administrative Management of over US\$ 230 millions annually.

1999 to 2002 June

PROJECT DIRECTOR

70 MW, Middle Marsyanghi Hydroelectric Project, NEA. Financed by Kwf, Germany (Initial Project Cost US\$ 200 millions).

- Responsible for overall implementation of the project beginning from the basic study, upgrading of feasibility study, environmental studies, detailed design, preparation of tender documents, evaluation of tenders for civil works, electromechanical and communication & protection equipments, penstock and hydro mechanical equipment etc.
- Construction supervision including the coordination between the international contractors, international consultants, environmental consultant and Panel of Experts.
- Implementation of land acquisitions, resettlement programs and neighborhood support programs and construction of infrastructure and construction camps.
- Supervision of survey, design, tender preparation and tender evaluation of 132 kV Transmission and Sub-Station including communication, control & protection equipments of MMHEP.
- Supervision of EIA Studies of Middle Marsyangdi Hydroelectric Project and implementation of Mitigation Programs and EIA Study of 132 Kv Transmission Line.

1998 to 1999

Director In - Chief, DCS, East - West Directorate NEA.

- Overall management of distribution and consumer service through effective and efficient planning, development, expansion. Supervision of operation and maintenance of distribution networks and rural electrification. Extend distribution network in rural area in accordance with the plans and policy of GN / NEA. Monitor regional directors and distribution centers.

1996 to 1998

DIRECTOR, Investigation & Studies Department, NEA.

- **Conducted the Feasibility Study** of Upper Modi - A (43 MW) hydroelectric project and Andhikhola Storage (180 MW) Hydroelectric project.
- **Conducted the prefeasibility study** of Balephi Khola (10 MW) and Dordi Khola (9 MW) hydroelectric projects.
- **Conducted the Preliminary Environmental Study** of Upper Modi - A and Andhi Khola Storage Hydroelectric Project.
- **Conducted the project identification studies** of Lower Langtang (28MW), Upper Chilime (17 MW), Seti Khola (11 MW), Upper Modi - A (43 MW), Ridi Khola (7 MW), Buddhi Ganga (12 MW), Upper Kali Gandaki (280 MW), Upper Marsyangdi A (90 MW), Nyadi (15 MW), Madi (20 MW) Hydroelectric Projects.

1994 to 1995

PROJECT DIRECTOR, Seventh Power Project, NEA; financed by Asian Development Bank

- Responsible for overall implementation of Seventh Power Project - including tendering, tender evaluation and supervision of 21 nos. of 132/33 Kv, 66/33 Kv and 33/11 Kv substation with total capacity of 171 MVA including control & protection equipments, over 275 Km of 33 Kv, 1360 Km of 11 Kv and 2000 Km of 400/230 volt lines adding over 200000 consumers in 25 districts of the country.
- Project preparation and the preparation of tender document for the second phase of the Project.

1992 to 1994 DIRECTOR,

Human Resources Department, Nepal Electricity Authority. Human Resource Planning, Development and Training including Training Center Establishment Project and a Manpower Development Program under the Finance of the World Bank.

1985 to 1991 MANAGER,

Technical Services Department, DCS /NEA

- Responsible for **setting standards for sub- transmission lines, distribution sub-station, communication & protection systems**, distribution lines and consumer services. Conducted Survey and Feasibility Studies for sub - transmission and rural electrification projects.
- Associated in the design of 132 Kv Anarmani – Duhabi Transmission Line

1977 to 1983

PROJECT MANAGER, Jomsom Small Hydel Project / GN.

- Responsible for **Site Selection, Survey and Mapping, Design and Drawing, Cost Evaluation, Land Acquisition, Tendering, Construction and Commissioning of the Project** including the erection of transmission and distribution lines.

1971 to 1976

Worked as **SECTION-IN-CHARGE** in erection, commissioning and operation of communication, control & protection system of Power House and Switchyard of **10 MW Sunkoshi Hydro Electric Project** and Construction of High Voltage Transmission Line of SHEP / GN. **Financed by People's Republic of China**

TRAINING / WORKSHOP / SEMINAR

Seminar on Construction Dispute, Arbitration and Contract Interpretation (Sept 10, 2010)	:Organized by NEPCA
Seminar on Ethics in Arbitration (Sept. 5, 2011)	: Organized by NEPCA
Seminar on Drafting Dispute Resolution Clauses and Adjudication in Construction Contracts (Feb 28, 2013)	: Organized by NEPCA
Technical Auditor Training September / October, 2004	: Conducted by TITI and Organized by National Vigilance Center, TAD and Sponsored by ADB.
Training Course in Ms-Dos, Ms-Windows, Ms-Word And Ms-Excel. (Six Weeks, Sept. 1997)	: Organized by NEA at Computer Point, Kathmandu
Seminar on Project Implementation and Administration (Dec. 1995)	: Organized by Asian Development Bank in Kathmandu
Energy Conservation Training June + July 27, 1984	: Conducted by Tennessee Valley Authority, in U. S. A.
Training Seminar on "Conventional Energy and Environment"	: Organized by the Institute of International Education, in U. S. A.
Electric Power Management Course (Sept. 10 to Oct. 20, 1993)	: Organized by JICA in Japan.
Workshop in Value Engineering Kathmandu (May 17-21, 1993)	: Organized by Ministry of Water Resources and USAID.
Workshop on Prospects and Challenges Arbitration in Nepal (Oct. 12-16, 1992)	: Organized by Nepal Council Arbitration.
Country Seminar on Procurement (1991)	: Organized by the World Bank in Kathmandu

- Seminar on Procurement
(One week in April 1990) : Organized by Asian Development Bank in Kathmandu.
- Technologies for the Reduction of
Transmission and Distribution Losses
(Oct. 22 Nov. 2, 1990) : Co-sponsored by Government of Malaysia under UN Economic and .Social Commissions for Asia and The United Nations Development Programme in Malaysia.
- Electric Power Distribution engineering
(Including communication, control & protection)
(Sept. 7-Nov. 1989) : Organized by Japan International Cooperation Agency in Japan.
- Administrative and Managerial Training,
10 weeks (in 1978) : Conducted by the department of Administration, Nepal.