

Education

University of Melbourne

Masters in Environmental Engineering (2009)
Postgraduate Certificate in Engineering (2008)

Melbourne, Australia

Indian Institute of Technology (IIT)

Bachelors in Civil Engineering (1999)

Delhi, India

Merits and Awards

- Recipient of Endeavour Executive Fellowship in 2015
- Recipient of Bronze Medal for Dedicated Service awarded by the Royal Civil Service Commission (2013)
- High Distinction in Master in Environmental Engineering (2009)
- High Distinction in Graduate Certificate in Engineering (2008)
- Recipient of Asian Development Bank Scholarship at University of Melbourne & best ADB scholar (2009)
- Recipient of Government of India Scholarship at Indian Institute of Technology (IIT), Delhi (1994)

Employment History

JT Consultancy

Consultant (Environmental, Engineering & Investment)

September 2016 onwards

Related work

- Board Director of Sherza Venture Limited from 2019 till date
- Consultant and Advisor in the Initial Public Offering (IPO) and listing of Sherza Ventures Limited (SVL) on Royal Securities Exchange of Bhutan in 2019
- Consultant for setting up Snow Water Products Private Ltd (Mineral water project in Nganglam)
- Technical Advisor to Wangthang Construction Private Ltd
- Technical Advisor to T-Kunzom Pvt. Ltd
- Technical Advisor to Hiraka Ventures Private Limited
- Consultant to Business Ventures / International Business exploring FDI in Bhutan
- Preparation of Feasibility Studies / Business Plans / Market Studies
- Undertaking EIA for Business and Projects
- Environmental related study & reports as per Environmental best practices for business and projects to be managed in an environmentally sound and sustainable way

Druk Holding and Investments

Thimphu, Bhutan

Associate Director

March 2014 – September 2016

Senior Analyst

March 2011- March 2014

Head, Business Developments, Department of Investments

Specific Responsibilities

- Scan business opportunities both in domestic and foreign markets
- Identify investment projects
- Formulate business plans
- Carry out pre-feasibility studies for investment projects
- Study feasibilities for mergers, acquisitions and consolidations of businesses or companies
- Develop project implementation models, guidelines and schedules
- Incorporation of environmental consideration into Business Plans
- Identify and set-up project governance and implementation teams
- Plan and secure other capacity building resources
- Formulate project promotion strategies
- Manage business contracts and consultants
- Carry out financial, budget and administrative works
- Provide technical backstopping to project offices

Additional Responsibilities

- Board Director of DHI Infra (September 2015 – September 2016)
- Board Director of Penden Cement Authority Limited (2013 – September 2015)
- Board Director of Dungsum Polymer Limited (2011-2013)
- Successfully conducted Initial Public Offering (IPO) and facilitated listing of Dungsum Polymer Limited on Royal Securities Exchange of Bhutan in 2013
- Task force member in revising “*National environment strategy*” for Bhutan
- Task force member for undertaking “*Assessment of Impact of Hydro-Power Projects in Bhutan*”
- Identifying innovative green projects (Autoclaved Aerated Concrete Block, uPVC windows etc.)

National Environment Commission Secretariat

Thimphu, Bhutan

Deputy Chief Environment Officer

December 2006 – March 2011

Specific Responsibilities

- Assess Business & Project proposals to ensure compliance to sustainability (social, economic and environmental) norms and issue environmental clearances
- Mainstream Environment considerations into infrastructure & development activities
- Conduct Environment Impact Assessment
- Monitor activities for compliance to environment regulations
- Coordinate and implementing environment related programs
- Liaise with government agencies and private sector parties

Note: District Environment Officer, Paro Dzongkhag from July 2007 – March 2011.

- Paro Dzongkhag was awarded the Clean Dzongkhag Award by WWF during that period on account of environmental activities (cleaning campaigns etc).
- Fund raising and established the ‘*Pet bottle crushing plant*’ in Paro
- Climate Change modeling for Bhutan core team member

Royal Audit Authority

Thimphu, Bhutan

Head, Technical & Environmental Audit Division

January 2002 – November 2006

Specific Responsibilities

- Design, tender and supervise infrastructure activities
- Project Manager for professionalizing & institutionalizing use of non-destructive testing methods in auditing
- Preparation of technical guidelines (civil & environmental) for auditing infrastructure projects
- Carry out financial, budget and administrative works
- Resource official in technical & environmental auditing
- Environmental auditing of programs and projects
- Capacity building of Royal Audit Authority to enhance accountability and strengthening environmental auditing towards protection and conservation of the environment

Ministry of Education

Thimphu, Bhutan

Assistant Engineer

January 2001 – December 2001

Specific Responsibilities

- Tender Evaluation of Projects
- Estimation and preparation of bill of quantities
- Scrutiny of Architectural and Structural Drawings of school buildings
- Supervision of construction activities
- Compliance to Environmental Clearances during construction activities

Additional Training

Certificate Awarded	Organization	Dates
Business Development and Strategic Financial & Investment Analysis	University of Amsterdam, Netherlands	April 2013
Green Energy and Carbon Markets	UNEP Riso Centre (URC) & NIRAS, Copenhagen, Denmark	September 2012
Strategic Investment Management Program	Asian Institute of Management (AIM), Philippines	July 2012
Directorship Skills – Growth & Development of Board Leadership	IOD, Mudara, Bangkok	March 2012
Media Relations	Institute of Professional Development	January 2012
General Management Program	Indian Institute of Management, Ahmedabad	July 2011
Sustainable Consumption Production: Sustainable Venture	NEC, Thimphu	May 2010
Rural Environment Management	COWI, Copenhagen, Denmark	May – June 2008
Resource Management and Environment Assessment	NEC, Thimphu	May – June 2007

Publications

Topic	Institute / Agency
Sustainable City: Thimphu, Kingdom of Bhutan	The Green Economic Institute (GEI), Oxford University
Biofuels – Jatropia (renewable fuel for Bhutan)	UNEP Riso Centre (URC) & NIRAS
Impact of reforestation with climate change in the Murrumbidgee Catchment, Australia	University of Melbourne
Study on establishing environmental consultancy services in Bhutan	NORPLAN, Norway
Solid Waste Management: A case study at IIT Delhi	Indian Institute of Technology, Delhi
Setting up the pet bottle crushing plant in the District of Paro	National Environment Commission

Computer Skills

- HADGEM1 General Circulation model (Climate Change modeling)
- Rain runoff modeling software (SIMHYD)
- Air Dispersion modeling software (AUSPLUME)
- Water Evaluation and Planning software (WEAP)
- STAAD Pro (Structural Design) & AutoCAD

Declaration

I hereby certify that all the above details are correct.



Jigme Tashi Tsering
25 December 2021