

Curriculum Vitae

Personal information

First name / Surname **Sajan / Shrestha**
Address 141- Shri Shantinagar Marga, Balaju, Ward No. 16, Kathmandu, Nepal
Telephone Mobile: +47 41193417, +977 9841414255
E-mail sajansh@stud.ntnu.no, mecher.sajan@gmail.com
Nationality Nepal
Date of birth 15.05.1987
Gender Male
Marital Status Married



Work experience

Dates	17 March 2016- 07 January 2023 (study leave effective from 08 January 2023)
Occupation or position held	Deputy Manager
Main activities and responsibilities	Construction Supervision, Operation, Maintenance, Procurement, Planning, Budgeting
Name and address of employer	Nepal Electricity Authority– Upper Tamakoshi Hydroelectric Project (456MW), Dolakha, Nepal
Type of business or sector	Utilities - Electricity
Dates	13 June 2012 – 16 March 2016
Occupation or position held	Mechanical Engineer
Main activities and responsibilities	Operation, Maintenance, Procurement, Planning, Budgeting
Name and address of employer	Nepal Electricity Authority– Middle Marsyangdi Hydropower Station (70MW), Lamjung, Nepal
Type of business or sector	Utilities - Electricity
Dates	17 April 2011 – 11 June 2012
Occupation or position held	Deputy Manager
Main activities and responsibilities	Quality control, inspection and monitoring
Name and address of employer	Nepal Oil Corporation, Babarmahal, Kathmandu, Nepal
Type of business or sector	Utilities - Petroleum
Dates	24 October 2010 – 16 April 2011
Occupation or position held	Apprentice Operation and Maintenance Engineer
Main activities and responsibilities	Daily plant operation along with daily and annual maintenance
Name and address of employer	Bhotekoshi Hydropower Plant, Jhirpu, Sindhupalchok, Nepal
Type of business or sector	Hydropower
Dates	28 March 2010 – 23 October 2010
Occupation or position held	Assistant Lecturer
Main activities and responsibilities	Deliver lectures on Thermodynamics and Engineering Drawing, Conduct labs
Name and address of employer	Kathmandu Engineering College, Kalimati, Kathmandu, Nepal
Type of business or sector	Education

Education

Dates 2023 – onwards
Title of qualification awarded PhD (Double degree)
Research Topic Condition monitoring of Pelton turbines in sediment affected power plants

Name and type of organisation providing education and training	Kathmandu University (KU) and Norwegian University of Science and Technology (NTNU)
Dates	2012 - 2017
Title of qualification awarded	Master of Science, Renewable Energy Engineering (MSREE)
Marks obtained	81.37% (Distinction Division)
Principal subjects/occupational skills covered	Thesis- " <i>Operation Optimization Based Upon Discharge and Power Requirement of Middle Marsyangdi Hydropower Station</i> ", Research Methodology, Fluid Mechanics, Instrumentation, Energy Resources, Sociology, Economics, Energy System Planning and Management
Name and type of organisation providing education and training	Pulchowk Campus, Institute of Engineering, Tribhuvan University, Nepal
Dates	2006 – 2010
Title of qualification awarded	Bachelor's Degree in Mechanical Engineering (BME)
Marks Obtained	87.38% (Distinction Division)
Principal subjects/occupational skills covered	Fluid Mechanics, Fluid Machines, Electrical Circuit, Electric Machine, Mini and Micro Hydropower Design
Name and type of organisation providing education and training	Pulchowk Campus, Institute of Engineering, Tribhuvan University, Nepal
Publications	Shrestha, S. & Lunitel, M. C. (2016). Plant Operation Optimization- A Case Study of Middle Marsyangdi Hydropower Station. Proceedings of IOE Graduate Conference, (pp. 245-252)
Personal skills and competences	
Mother tongue(s)	Nepali
Other language(s)	
<i>Self-assessment</i>	
English	
Nepali	
Hindi	
Computer skills and competences	- Office Applications - AutoCAD, Autodesk Inventor, MATLAB, Ansys, Mathcad