

CURRICULUM VITAE

PERSONAL PARTICULARS:-

- Name - **BHATTARAI DEBI PRASAD**
- Post - Professor (Tribhuvan University, Institute of Engineering)
- Past Position - Dean, Faculty of Engineering, Purbanchal
University) Professional Background - Civil Engineer (specialization: Water Resource
Management)
- Father's Name - Jaya Prasad Bhattarai
- Date of Birth - 1964-12-12 (2021-08-26)
- Nationality - Nepali
- Marital Status - Married
- Permanent Address - Suryabinayak Municipality:02, Balkot, Bhaktapur
(Previously:Maharani Jhoda VDC ward no: 01, Jhapa)
- Email** - dpbhattarai@ioe.edu.np

EDUCATIONAL QUALIFICATION:

S.N	Examination	Board/University	Division/Grade
1.	Master of Science (Water resources Management)	UNESCO-IHE, Delft, The Netherlands	7/10
2.	Bachelor of Engineering (Civil)	Regional Engineering Collage/ Burdwan University, West Bengal, India	1 st
3.	Proficiency Certificate Level (Science)	Tribhuvan University/Nepal	1 st
4.	School Leaving Certificate	Ministry of Education Government of Nepal	1 st

RESEARCH, SEMINAR, WORKSHOP AND TRAINING ACTIVITIES IN THE RELATED FIELD:

1. Worked as a Legal Entity Appointed Representative (Coordinator) on European Commission for the project of “Advanced Climate Change Education for Sustainable futures and System Change” ACCESS, for Purbanchal University
2. Worked as a Coordinator in the research study of “*Smart Irrigation System for Optimization of Water Use and Increasing Crop Yield*” a Project jointly undertaken by Water Resource Research and Development Centre (WRRDC, GoN) and LICT/ICTC, Institute of Engineering from Nov 2019 till 15th June 2020. The study area is an agricultural area managed by small farmers group, Gauradaha :5, Jhapa. Final DPR report of the project was submitted to WRRDC on 29th June 2020.
3. Paper presentation in International Seminar titled “*2nd ForHimSDG Project Workshop*” in Asian Institute of Technology (AIT), Thailand, 13-16 August 2023
4. Actively participated as a chair person of Faculty of Engineering in the Curriculum Development Workshop for the revision and rewriting of 11 year old syllabus of Purbanchal University Faculty of Engineering on Feb 23-25, 2023 organized in Biratnagar
5. participated in the workshop titled “*A writeshop on Developing Capacity Building Curriculum in Water-Energy-Food-Ecosystem (WEFE) Nexus*” on 25th Sep, 2022 at Kathmandu, Nepal
6. Paper Presentation in International Seminar titled “*Conjunctive Use of Water for the Maximization of Net Agricultural Benefit in Kankai Irrigation System*” was accepted and presented at the 10th International Conference on Quality, Reliability, Infocom Technology and Business Operations (ICQRIT2019) in June20, 2019
7. Participated in the two days “*International Symposium on “Gender Mainstreaming and Sustainable Development*” jointly organized by NTNU and Institute of Engineering on 3rd and 4th Nov, 2019
8. Participated in 8th Asian regional Conference on Irrigation and Drainage jointly organized by ICIMOD, USAID, IWMI and World Bank from 02/05/2018 to 04/05/2018.
9. Actively participated in the academic interaction on “*Science and Technology for Prosperous Nepal: Policy Feedback for Government*” on 21st April, 2018 in Kathmandu
10. Participated in the *International Gender Symposium* jointly organized by NTNU and Institute of Engineering on 4 December, 2017
11. Paper Presentation of the title “*The Study of Hydropower Development in Nepal in the context of Climate Change*” presented at the University of Aristotle (AUTH) on 15th Nov, 2016
12. Convener of one day seminar on “*Air Pollution & Mitigation in Urban Areas of Nepal*” at institute of Engineering on 2nd Feb, 2015. The participants were the faculty member from different Engineering Colleges under Institute of Engineering.

13. Paper Presentation of the title “*An Overview of Irrigation System Management in Nepal in the context of Climate Change*” presented at the University of Aristotle (AUTH) on 18th Sept, 2014
14. Completed 6-month long literature review of current papers at NTNU, Trondheim, Norway in 2018.
15. Completed two-month long staff mobility program under Erasmus Mundus Program ‘Interweave’ in Aristotle University, Thessaloniki, Greece in the year 2016 to share my academic experience and expertise with the students and faculties of Aristotle University (AUTH).
16. One-month long training program in India organized by Technical Teachers Training Institute, Bhopal, India in the year 1999.
17. Training on Solid Waste Management in developing countries jointly organized by Institute of Engineering and the University of Calgary at IOE, Pulchowk in the year 1995.
18. Participated at the Workshop on Design of Hill Irrigation System at Pokhara organized by WRID/DIDP, Pokhara from 01st to 13th august 1993.
19. Completed three-month long training program on Mountain Risk Engineering organized by International Center for Integrated Mountain Development (ICIMOD) from June 3rd to July 26th, 1991 in Kathmandu, Nepal.

AREA OF SPECIALISATION

- Gained valuable work experience of over thirty-three years as a faculty member in Tribhuvan University institute of Engineering and valuable four-year experience as a Dean of Purbanchal University to lead the Faculty of Engineering in the field of academic activities. As a faculty member in Tribhuvan University Pulchowk Campus, I have been conducting different theory & practical classes and research works in Water Resources subjects like Irrigation, Hydropower, Water Supply, and Hydrology.
- I have been assisting M Sc and BE final year students in their thesis and project works related to hydrology, irrigation, hydropower and Ground Water Engineering at Tribhuvan University Institute of Engineering and at School of Engineering Purbanchal University
- Gained valuable experience as a team leader and team member in various Environmental and Water Resource related education and research projects

PROFESSIONAL EXPERIENCES

- Professor** Institute of Engineering, at Purwanchal Campus and Pulchowk Campus, Pulchowk since 2069/01/03 to till the date
- Associate Professor** Institute of Engineering, Purwanuchal Campus, Dharan since 2062/07/4 to 2069/01/02
- Post: Lecturer** Institute of Engineering, Purwanchal Campus, Dharan since 2047/08/25- 2062/07/03

OTHER EXPERIENCES IN THE ACADEMIC FIELD

1. **Civil Engineering Subject Committee Chairman:** Working since 2082/07/17 - Present
2. **Director, Center for Water Resources Studies, IOE, Pulchowk:** Working since 2082/02/12 - Present
3. **Dean:** Worked as a Dean of Purbanchal University Faculty of Engineering, Biratnagar, Morang since 2077/09/29 to 2081/09/28.
To provide overall academic leadership within the faculty and to coordinate the faculty's strategic direction and integrate the faculty's interests into the overall University's strategy.
4. **Member of Dean Selection Committee:** Appointed and worked as a member of Dean Selection Committee for Institute of Engineering by the TU Executive Council
5. **Director (Center for Pollution Studies):** At Institute of Engineering Dean Office, Pulchowk, Lalitpur, since 2070/11/01 to 2072/10/15.
Responsible to manage and organize academic and training activities in the field of pollution studies.
6. **Campus Chief:** Institute of Engineering, Purwanchal Campus, Dharan (2063/3/20 - 2063/10/10).
Responsible to manage overall academic and administrative activities of the campus.
7. **Assistant Campus Chief:** Institute of Engineering, Purwanchal Campus, Dharan since 2057/5/27 to 2059/5/26.
Responsible to assist campus chief in the matters of academic and administrative activities of the campus.
8. **Head of Department (Civil):** Institute of Engineering, Purwanchal Campus, Dharan since 2049/9/1 to 2055/1/2.
Responsible to manage academic activities of Civil Department in the campus.
9. **Assistant Education Officer:** (Under Engineering Education Project, IOE) since 2055/8/6 to 2056/8/05.

Responsible to manage laboratory, workshop and library facilities in the campus under Engineering Education Project

PROFESSIONAL MEMBERSHIP

1. Registered Engineer in Nepal Engineering Council. (*Membership Number : 2722*)
2. Life member of Nepal Engineers Association, Kathmandu, Nepal.
3. Member of Lions Club of Bashishtha Kathmandu District

PUBLICATIONS

Sedai Krishna, Bhattarai Debi Prasad et al (2022) “*Study of the Conjunctive Water Use: A Case Study of Kankai Irrigation System, Jhapa, NEPAL*” published in Recent Developments in Water Resources and Transportation Engineering Lecture Notes in Civil Engineering, Springer, Singapore https://link.springer.com/chapter/10.1007/978-981-99-2905-4_6

1. Bhattarai, Debi Prasad, Shakya Narendra Man (2020) “*Crop Water Requirements and Irrigation Scheduling for Major Crops in Kankai Irrigation System in Eastern Nepal*” published in Vol 8 Issue 8 August 2020 in Global Scientific Journal [https://www.globalscientificjournal.com/researchpaper/Crop Water Requirements and Irrigation Scheduling for Major Crops](https://www.globalscientificjournal.com/researchpaper/Crop_Water_Requirements_and_Irrigation_Scheduling_for_Major_Crops)
2. Bhattarai, Debi Prasad, Shakya Narendra Man (2019) “*Conjunctive Use of Water Resources in Sustainable Development of Agriculture in Terain Nepal*” IOE journal 2019 Vol 12 <https://www.nepjol.info/index.php/JIE/article/download/27668/22860>
3. Bhattarai, Debi Prasad (2009) *River Brahmaputra, A case study of Transboundary issues*, IOE Journal Vol.7 No1, 2009, Kathmandu, Nepal <https://www.nepjol.info/index.php/JIE/article/download/2072/1901>
4. Bhattarai, Debi Prasad (2009) *Management of Himalayan Rivers: Engineering Sahittik Samaj* in 2008, Kathmandu, Nepal
5. Bhattarai, Debi Prasad (2010) *A Critical Review of Private Sector Participation in Higher Technical Education in Nepal*, published in *ADVANCED E-CREVIEW a research magazine of Advanced College of Engineering and Management*, Kupandole, Nepal in 2009.

PUBLICATIONS IN NEPALI LANGUAGE

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AWARD / SCHOLARSHIP

1. Awarded an opportunity for literature review study under IOE-NTNU scholarship program at NTNU, Trondheim, Norway from August 2018 to December 2018
2. Selected for NFP scholarship program to study Master's Program in Water Resources Management in The Netherlands from Sept 2003 to April 2005.
3. Selected for scholarship program to take-up studies leading to BE (Civil Engineering) offered by Government of India in 1986
4. Winner of Ratna Shield Inter Campus Quiz Contest organized by GAA,Kathmandu in the year 2042 BS.

Computer skill: MS Word, Excel, Power Point, Auto CAD, GIS and remote sensing

Countries Visited: India, Thailand, United Kingdom, Canada, the Netherlands, Germany, Italy,
France, Switzerland, Belgium, Greece and Norway

Language known: Nepali, English Hindi, Bengali

I hereby declare that the statements furnished above are true and correct to the best of my knowledge and believe.

Your's sincerely

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Prof. Debi Prasad Bhattarai
Department of Civil Engineering
Institute of Engineering Pulchowk Campus
Pulchowk Lalitpur