



Chandra Upadhyaya

Assistant Professor
Department of Civil Engineering
Royal School of Engineering & Technology
The Assam Royal Global University
Betkuchi, Guwahati-35



Personal Data:

Current Position: Assistant Professor
Department: Civil Engineering
DoB: September 10, 1968
Specialization: Water Resources Engineering and Management
Contact: 8876253034
email: chandra.upadhaya@rgi.edu.in

Awards:

MHRD Scholarship for GATE
National Scholarship in 10th Examination
National Scholarship in 12th Examination

Academic Qualification:

Ph.D. (Pursuing), The Assam Royal Global University
M.Tech in Civil Engineering (Water Resources Engineering and Management), IIT Guwahati
BE in Civil Engineering, Assam Engineering College, Gauhati University

National Examinations:

GATE (for M.Tech.), IIT Delhi

Professional Experience:

Assistant Professor, The Assam Royal Global University since 2015.
Assistant Professor, Girijananda Chowdhury Institute of Management & Technology (GIMT), Azara, Guwahati-17, 2014 to 2015.
Lecturer, Jigme Namgyel Polytechnic, Royal University of Bhutan, Dewathang, Samdrup Jongkhar, Bhutan, 2007 to 2012.
Structural Engineer, Health Infrastructure Development Projects, Ministry of Health, Royal Government of Bhutan, Thimphu, Bhutan, 2005 to 2007.
Structural Engineer, Project Implementation unit (Basic Skills Development Project funded by Asian Development Bank), Department of Human Resources, Thimphu, Bhutan, 2001 to 2005.
Instructor, Royal Technical Institute, Royal Government of Bhutan, Phuentsholing, Bhutan, 1997 to 2001.
Engineer, Kamrup Construction Company, Guwahati, 1993 – 1997.

Courses Taught:

A. Undergraduate Programme

Water Quality Engineering
Engineering Economics, Estimation & Costing
Hydrology & Water Resources Engineering
Design of Concrete Structures
Structural Analysis-II
Construction Engineering & Management
Introduction to Civil Engineering
Engineering Graphics & Design
Computer-aided Civil Engineering Drawing
Structural Analysis-I

B. Postgraduate Programme

Applied Hydrology
Ground Water Development and Tube wells
Research Methodology
Systems Analysis in Water Resources
Sediment Transport
Watershed Conservation and Management
Design of Drainage Systems

Research Interests:

Optimization of Water Resources Projects, Operation Research, System Analysis in Water Resources Projects, Hydrology, Hydropower Optimization.

M.Tech Dissertation Guidance: 7 (2 Ongoing)

Publication in Journals:

Purnachandra Tongbram & Chandra Upadhyaya, "POTENTIAL SITE SUITABILITY ANALYSIS OF SMALL HYDROPOWER PLANT IN IRANG RIVER CATCHMENT, MANIPUR, INDIA: A GEO-SPATIAL AND MCDM APPROACH" International Journal of Engineering Applied Sciences and Technology, 2022 Vol. 7, Issue 3, ISSN No. 2455-2143, Pages 129-135.

Meraimayum Sophiya & Chandra Upadhyaya, "Assessment of Reservoir Sedimentation Using RS and GIS Techniques: A Case Study of Singda

Dam, Manipur, India” Science, Technology and Development, Volume XI, Issue IX, SEPTEMBER 2022, ISSN NO: 0950-0707.

Medozonuo Ruth Kelio & Chandra Upadhyaya, “Reservoir Operation Optimization for Dzuza Multipurpose Project in Nagaland Using Chance Constraint Linear Programming.” ADBU-Journal of Engineering Technology, ISSN: 2348-7305, Vol 10: Issue 4(2021): Dec 2021.

Publication in Conferences:

Paul, S.R., Medhi, S.K. and Upadhyaya, C., “**Grey water recycling and its applications**”, 2nd International Conference of Civil Engineering for Sustainable Development-Opportunities and Challenges CESDOC-2018, 18th to 19th December 2018, Assam Engineering College, pp. 290-292

Sumit Pandit, Rajpallav Borah, Rahul Talukdar, Md. Albert Rahman, and Chandra Upadhyaya, “ **Water Quality Assessment of Water Bodies around Residential areas of Guwahati**”, in the Conference on “*New Frontiers in Civil Engineering: Challenges and Opportunities in North-East India* “ organised by Department of Civil Engineering, Royal School of Engineering & Technology on 5th and 6th November 2015 at Royal Group of Institutions, Guwahati.

Arindom Bora, Gautam Kalita and Chandra Upadhyaya, “ **Analysis and Design of Two Storeyed Framed Structure Considering Earthquake Load using STAAD.Pro** ”, in the Conference on “*New Frontiers in Civil Engineering: Challenges and Opportunities in North-East India* “ organised by Department of Civil Engineering, Royal School of Engineering & Technology on 5th and 6th November 2015 at Royal Group of Institutions, Guwahati.