

Name of Faculty	Ravi Sureshchandra Patel
Designation	Assistant Professor
Email id	ravipatel.cv@bitseducampus.ac.in
Contact number	8866890352
Total Experience	
Teaching	06 years 0 months
Industry	00 years 0 months
Professional Summary	Working as an Assistant Professor in Babaria Institute of Technology since 21 st July 2014. Experience in conduct various subjects of Hydraulics Structures, Irrigation and water resources at U.G. level. Successfully executed projects in various engineering areas of above mentioned subjects.
Current Activities	Co-ordinator of TECHNICAL EVENT (CIVIL)-COLREFS, GTU TECHFEST 2019, Alumni Co-ordinator (CIVIL)
Specialization Areas	Hydraulic Structures (Hydropower Generation)
Subject Taught (UG/PG)	Elements of civil engineering Environmental Science Fluid Mechanics Advanced Surveying Applied Fluid Mechanics Hydrology and Water Resource Engineering Irrigation Engineering Disaster Assessment by Geo-Spatial Techniques
Qualifications	M.E. (Civil - Hydraulic Structures) (2014) (Maharaja Sayajirao University of Baroda) B.E. (Civil) (2012) (Maharaja Sayajirao University of Baroda)
Skills	Well versed with Project Management; Estimation and Costing of Project; Analysis & Design of various parts of hydraulic structures like canal, dam; Analysis of pipe network system for city area by EPANET software; Ground Water Hydraulics; Specific Energy Studies; Geological Exploration Studies; Knowledge on GMS software; Hydraulic Design of Various type of Water Structure; Structural Design of Various Rcc Structure.
Achievements	Nil
Research Project	Nil
Publications	<ol style="list-style-type: none"> 1. “Assessment of Hydropower Potential Through Canal Falls Situated Along Vadodara Branch Canal”, MAY 2014, Indian Journal of Applied Research, (ISSN 2249-555X). 2. “Review on Wastewater Effluents from Pharmaceutical Companies”, Feb 2015, Indian Journal of Applied Research, (ISSN 2249-555X). 3. “Study of Stability of Flyash Dam Using Slide Software”, Jan 2016, International Education and Research Journal, (E-ISSN 2454-9916)
Activities and honours	<ul style="list-style-type: none"> • Attended One-week STTP on “Structure Design and Estimation of various Quantity related to Residential Building, May 2016.

Grant Received

- Attended One-week STTP on “Soft Computing”, Dec 2014.
- Attended Two-day National Seminar on “Effective Pedagogy: Principles of Teaching and Learning”, BITS Edu Campus, Varnama, Oct-15.
- Attended Two-day National Seminar on “Smart Cities – Current Scenario and Future Challenges”, BITS Edu Campus, Varnama, Mar-17.
- Attended Three day National workshop on “Innovations & Advances for Sustainable Civil Engineering", BITS Edu Campus, Varnama, Jun-19.
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