

Name of Faculty	Nehal H Shah
Designation	Assistant Professor
Email id	nehalshah.cv@bitseducampus.ac.in
Contact number	0265-2303958
Total Experience	
Teaching	6 years 02 months
Industry	2 Years 05 Months
Professional Summary	Working as Assistant Professor in Civil Engineering Department of BIT from 2014. Worked at various positions like UG faculty at GTU, Event Coordinator of Colrefs for Aavahan 2018, IDP/UDP Coordinator, Annual report coordinator, IDP/UDP Project Guide
Current Activities	Assistant Professor in Civil Engineering Department Life member of ISTE, Departmental Store and library coordinator.
Specialization Areas	Fracture Mechanics
Subject Taught (UG/PG)	Elementary Structural Design Structural Analysis I Structural Analysis II Structural Analysis III Repair & Rehabilitation of Concrete Structure Applied Fluid Mechanics Harbour and Airport Engineering Mechanics of Solids Environmental Studies
Qualifications	M.Tech (Civil - Fracture Mechanics) (2013) Faculty of Technology and Engineering, M.S. University-Vadodara B.E. (Civil Engineering) (2009) Faculty of Technology and Engineering, M.S. University-Vadodara Diploma (Civil Engineering) (2005) Polytechnic, M.S. University-Vadodara
Skills	Possess excellent communication, interpersonal, analytical & negotiation skills with strong organizational and team building abilities. Computer Aided Design software like AutoCad 2018
Achievements	NIL
Research Project	B.E. Final year Project Guide <ul style="list-style-type: none"> • Admixtures in Pile Concreting (2014-15) • Properties of Ultra High Strength Concrete (2016-17) • Recycle coarse aggregate as partial replacement of regular coarse aggregate and glass waste as partial replacement of fine aggregate in self compacting concrete (2017-18) • Self-Healing Bendable concrete (2017-18)
Publications	<ul style="list-style-type: none"> • “Water Proofing Challenges and Suggested Remedial Measures for a High Rise Buildings: A Case Study” (ISSN 23210613), IJSRD, 2016. • “Admixtures in Pile Concreting: A Case Study” (ISSN 2393-9877), IJAREST 2015. • “Comparison of compressive strength of Cementitious materials” in Parul Institute of Engineering and Technology (ISBN :9789383842339) , NCEVT 2014.

Activities and honours

- Attended TEQIP-III sponsored 5 days Short Term Training Program on “Design, Modelling and Simulation of Advanced Composite structures using FEM Softwares (MATLAB, ABAQUS and ANSYS)” at Sardar Vallabhbhai National Institute of Technology (SVNIT) (9th to 13th December 2019).
- Three days GUJCOST Sponsored Workshop on “Innovations and Advances for Sustainable Civil Engineering” organized by BITS Edu Campus, Vadodara (20th to 22th June 2019).
- Two days National Seminar (24th & 25th March 2017) on Smart Cities at BITS Edu Campus, Vadodara.
- One day National level workshop on "Bently STADD Pro.v8i" (26th November 2016) at M.S.University, Vadodara.
- Two days National Seminar (9th & 10th October 2015) on Effective Pedagogy: Principles of Teaching and Learning at BITS Edu Campus, Vadodara.
- Paper Presented in National Conference on “Comparison of compressive strength of Cementitious materials” in Parul Institute of Engineering and Technology (ISBN :9789383842339) , NCEVT 2014
- Attended 6 days Short Term Training Program on “Structural Diagnosis, Repair and Retrofitting of RCC Structures” at Parul Institute, Waghodia organized jointly by Parul Institute and DFI-SPR.(2013)
- Department Event Coordinator of “Exhibits 2017”
- Event Coordinator of “Colrefs” for GTU Tech Fest “Aavahan 2018”

Grant Received

- NIL