

Name of Faculty	Chirag R Sindhav
Designation	Assistant Professor
Email id	chiragsindhav.cv@bitseducampus.ac.in
Contact number	9586566697
Total Experience	9 years 07 months
Teaching Industry	Nil
Professional Summary	Working as Assistant Professor in Civil Engineering Department of BIT from 2013. Worked at various positions like UG faculty at GTU, Event Coordinator of Breakup Bridge for Aavahan 2019, IDP/UDP Coordinator. IDP/UDP Project Guide, Subject Coordinator of Repair and Rehabilitation of Concrete Structure, Lab In-charge of Material Testing Lab. Coordinator of G.T.U. Innovation Council. Conducted Expert Lecture on “STAAD Pro - An Introduction & Analysis of Simple Structures”
Current Activities	Assistant Professor in Civil Engineering Department IDP/UDP Coordinator. IDP/UDP Project Guide, Department Placement Coordinator, Lab Coordinator of Structural Analysis-1
Specialization Areas	Structural Engineering / Concrete Technology
Subject Taught (UG/PG)	Design of Steel Structures Design of Reinforced Concrete Structures Elementary Structural Design Structural Analysis I Structural Analysis II Repair & Rehabilitation of Concrete Structure Advanced Construction Equipment Advanced Structural Mechanics Mechanics of Solids Concrete Technology
Qualifications	M.Tech (Civil - Structural Engineering) (2013) Dharamsinh Desai Institute of Technology, DDU Nadiad B.E. (Civil Engineering) Faculty of Technology and Engineering, M.S. University-Vadodara
Skills	Possess insightful knowledge and experience in providing technical solutions for Civil and Structural Engineering related problems Well versed in Structure Analysis software like Staad Pro V8i, E-TABS, Project Management Software like Primavera P6 and M S Project 2018, Computer Aided Design software like AutoCad 2018, Blender
Achievements	Passed GPSC Assistant Professor Applied Mechanics Exam 2016-17 IELTS overall bands 6.5 out of 9
Research Project	B.E. Final year Project Guide <ul style="list-style-type: none"> Effect of recycled aggregate on properties of Self-Compacting Concrete containing Class-F fly ash and steel & polypropylene fibres. (2015-16) Properties of Ultra High Strength Concrete (2016-17)

- Design of Earthquake resistant water tank.(2016-17)
- Analysis of multi-storey building with various earthquake resisting system (2016-17)
- Development of Eco-friendly building blocks using waste materials (2017-18)
- Prefabricated Drywall structure (2017-18)
- 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)
- Analysis & Design of Earthquake Resistant Water Tank (2018-19)
- Analysis & Design of Aircraft Hanger (2019-20)
- Substructure Analysis and Design of Metro viaduct using STAAD Pro V8i & MIDAS
- Comparative Study of Bacterial and Nonbacterial Self-Healing Concrete (2019-20)

Publications

“Water Proofing Challenges and Suggested Remedial Measures for a High Rise Buildings: A Case Study” (ISSN 23210613), IJSRD, 2016.

Activities and honours

- GTU Faculty Coordinator for 7 days Industrial training at L&T Power training Institute, L&T Knowledge City, Vadodara.(2018)
- Event Coordinator of “Breakup Bridge” for GTU Tech Fest “Aavahan 2019”,
- Event Coordinator of “Breakup Bridge” for GTU Tech Fest “Aavahan 2018”
- Coordinator for Two days National Seminar (24th & 25th March 2017) on Smart Cities at BITS Edu Campus, Vadodara.
- Event Coordinator of “Instridg” for BITS Tech Fest “Aavahan 2017”

Grant Received

- NIL