


GIDC DEGREE ENGINEERING COLLEGE

FACULTY PROFILE

	Name of Teaching Staff	KRUTIKA CHAUHAN			
	Designation	ASSISTANT PROFESSOR			
	Department	CIVIL ENGINEERING			
	Date of Joining	01/09/2015			
	Qualifications with Class/Grade	UG	PG	PhD	
		First class with 64.3%	Distinction with 77.2%	-	
	Total Experience in Years	Teaching	Industry	Research	
		8 years 1 month	-	-	
	Area Of Interest	STRUCTURAL ENGINEERING			
	Papers Published in Journals	National	-	International	-

	Detail Of Publication	<ul style="list-style-type: none"> Published paper on “comparison of principle stress in recently developed space structure connectors” in International conference on Engineering, Issues, Opportunities and Challenges for Development (EIOCD) ISBN-978-81-929339-1-7. Published paper on “Experimental Study on Paver Blocks Using Waste Tyres” International research journal of engineering and technology (IRJET), Volume - 6, Issue – 6, Impact factor 7.211, e-ISSN: 2395-0056, p-ISSN: 2395-0072 on June 2019. Published paper on “Effect of Glass & Polypropylene Fiber on Reinforced Concrete” RAM – 2016. 			
	Papers Presented in Conferences	National	-	International	
	STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<ol style="list-style-type: none"> Organized 5days STTP on Creativity and Innovation in Infrastructural Design through Professional Software at GDEC civil department. Participated Faculty development program on Design Engineering organized under the aegis of GTU-GIC Navsari Sankul, at GIDC Degree Engineering College, Ambra, Navsari, on 18 – 19 October. Attended a one week short term training program (STTP) on “Research Methodology and Soft Computing STTP A Techniques for Civil Engineering” organised by C. K. Pithawala college of Engineering and Technology, Surat during 2 - 7 December, 2019. Attended two days’ workshop on “Advance concrete mix design” organised by Ambuja foundation, Surat. Attended two days’ workshop on “Advance surveying for total station” organised by GIDC Degree Engg. College Ambra, Navsari. Attended a seminar on “Condition Survey Monitoring and Rehabilitation 			

		<p>of Multi-Storeyed Building” organized by Ultra Tech Cement Ltd. on 18th December, 2021.</p> <p>7. Attended one day seminar on “Emerging Technologies for Sustainable Development” at SVNIT, surat on 23/07/2022.</p> <p>8. Attended a seminar on “The Critical Foundations of Signature Bridge Delhi” organized by UltraTech. Cement Ltd. On 20th August, 2022.</p> <p>9. Attended a seminar on “Crack Prevention Techniques for RCC Slabs” organized by Ultra Tech Cement Ltd. on 15th October, 2022.</p> <p>10. Attended a seminar on “Modern assessment tools for Di-Risking of project” organized by Ultra Tech Cement Ltd. on 04th March, 2023.</p> <p>11. Attended a seminar on “Nondestructive evaluation of reinforced concrete structures” organized by Ultra Tech Cement Ltd. on 05th August, 2023.</p>
	Projects Guided	<p>1. Study of various Strength properties by using Glass & Polypropylene Fibre Reinforced Concrete.</p> <p>2. An effective study on utilizing bone charcoal as partial replacement of cement.</p> <p>3. Experimental study on concrete using Nano materials by partial replacement of cement.</p> <p>4. Study of paver blocks using waste tyres and marble powder.</p> <p>5. Study of paver blocks using waste plastics.</p> <p>6. Steel plate selection method for re-strengthening of damage column.</p>
	Books Published / IPRs/ Patents	
	Professional Memberships	

	Consultancy Activities	
	Awards	<ul style="list-style-type: none"> • Successfully completed 4 weeks NPTEL Online certification course of GEOTECHNICAL ENGINEERING LABORATRY on July-August, 2022.
	Grants Fetched	
	Interaction with Professional Institutions	