


GIDC DEGREE ENGINEERING COLLEGE
FACULTY PROFILE

Name of Teaching Staff	MAMTA PATEL			
Designation	ASSISTANT PROFESSOR			
Department	CIVIL ENGINEERING			
Date of Joining	29/07/2016			
Qualifications with Class/Grade	UG	PG	PhD	
	FIRST CLASS	FIRST CLASS		
Total Experience in Years	Teaching	Industry	Research	
	8	2		
Area Of Interest	IRRIGATION ENGINEERING, WATER RESOURCES MANAGEMENT			
Papers Published in Journals	National		International	

	Detail Of Publication				
	Papers Presented in Conferences	National	2	International	
		<ul style="list-style-type: none"> ➤ PRESENTED PAPER ON(DEC 04 &05 2010) “DETERMINATION OF SUSPENDED SEDIMENT YIELD FOR SABARMATI RIVER” SECOND NATIONAL CONFERENCE ON EMERGING VISTAS OF TECHNOLOGY IN 21ST CENTURY EMERGING TRENDS IN CIVIL ENGG.’AT PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY, VADODARA. ➤ PRESENTED PAPER ON(FEB 17&18 2011) “MODELS ARE PREPARED FOR DETERMINATION OF SUSPENDED SEDIMENT YIELD BY LINEAR REGRESSION ANALYSIS” NATIONAL CONFERENCE ON “NEW HORIZONS FOR SUSTAINABLE TOMORROW-2011”AT SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT. 			
	STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<ul style="list-style-type: none"> ➤ ATTENDED NATIONAL SEMINAR ON “INSTITUTIONAL MANAGEMENT AND INDUSTRY INSTITUTE INTERACTION” HELD IN AUGUST 2009. ➤ ATTENDED NATIONAL SEMINAR ON “GEOTECHNICAL INVESTIGATIONS, INTERACTIONS AND IMPROVEMENTS(GIII-10)” HELD IN OCTOBER 2010. ➤ PARTICIPATED NATIONAL CONFERENCE ON “NEW HORIZONS FOR SUSTAINABLE TOMORROW (NHST-2011)” HELD IN FEBRUARY-2011. ➤ PARTICIPATED NATIONAL CONFERENCE ON “EMERGING VISTAS OF TECHNOLOGY IN 21ST CENTURY” HELD IN DECEMBER-2010. ➤ ATTENDED MODULAR TRAINING PROGRAM ON “STORM DRAIN DESIGNING AND MODELING” HELD IN JANUARY-2011. ➤ ATTENDED FACULTY DEVELOPMENT PROGRAM ON “LATEX- THE DOCUMENTING TOOL” HELD IN JANUARY-2012 			

		<ul style="list-style-type: none"> ➤ ATTENDED SHORT TERM TRAINING PROGRAMME ON “COMPREHENSIVE TRANSPORTATION PLANNING PRACTICES” UNDER TEQUIP II HELD DURING MAY-2013. ➤ ATTENDED SHORT TERM TRAINING PROGRAMME ON “SUSTAINABLE WASTE MANAGEMENT TECHNIQUES” UNDER TEQUIP II HELD DURING JUNE-2013. ➤ ATTENDED SHORT TERM TRAINING PROGRAMME ON “COMPUTATIONAL METHODS IN ENGINEERING” UNDER TEQUIP II HELD DURING JUNE-2013. ➤ ATTENDED SHORT TERM TRAINING PROGRAMME ON “MODELLING IMPACT OF CLIMATE CHANGE ON WATER RESOURCES" UNDER TEQUIP II HELD DURING DEC-2014. ➤ ATTENDED WORKSHOP ON “BHUVAN PANCHAYAT PORTAL AND MOBILE APPLICATION FOR ASSET MAPPING” IIRS DISTANCE LEARNING PROGRAMME 27, JULY -2016 ➤ ATTENDED FACULTY DEVELOPMENT PROGRAM ON “DESIGN ENGINEERING” HELD IN OCTOBER-2016
	<p>Projects Guided</p>	<ol style="list-style-type: none"> 1. “CRITICAL STUDY AND DESIGN OF TERTIARY TREATMENT PLANT AT SURAT CITY” – UG COURSE (ACADEMIC YEAR 2015-16) 2. “RURAL INFRASTRUCTURE DEVELOPMENT PROJECTS (RIDP) UNDER MGNREGA FOR PALSANA(GANGPOR AND JETPORE)” – UG COURSE (ACADEMIC YEAR 2014-15) 3. “A STUDY ON STATUS AND REHABILITATION OF HERITAGE BUILDING AND MONUMENTS IN SURAT” – UG COURSE (ACADEMIC YEAR 2013-14) 4. “TO CKECK STATUS OF WATER QUALITY OF RIVER TAPI, SURAT” – UG COURSE (ACADEMIC YEAR 2012-13)

		<p>5. "RAINWATER HARVESTING SYSTEM FOR COLLEGE CAMPUS-CKPCET, SURAT" – UG COURSE (ACADEMIC YEAR 2011-12)</p> <p>6. ANALYSIS OF MOISTURE INDEX AND ITS VARIATION FOR THE REGION OF BANASKANTHA DISTRICT, GUJARAT - UG COURSE (ACADEMIC YEAR 2010-11)VNSGU</p>
	Books Published / IPRs/ Patents	
	Professional Memberships	INDIAN SOCIETY FOR TECHNICAL EDUCATION
	Consultancy Activities	
	Awards	
	Grants Fetched	
	Interaction with Professional Institutions	<p>1.) SETTING OUT QUESTION PAPER FOR 8TH & 6TH SEMESTER EXAM FOR A SUBJECT 'DESIGN OF HYDRAULIC STRUCTURES' & 'WATER RESOURCES ENGG.II' IN CIVIL ENGG. DEPT. FOR UTU MALIBA, BARDOLI.</p> <p>2.) SETTING OUT QUESTION PAPER FOR DIFFERENT SEMESTER AT VNSGU, SURAT.</p> <ul style="list-style-type: none"> • SURVEYING • FLUID MECHANICS • MECHANICS OF SOLIDS

• IRRIGATION ENGG. I

• IRRIGATION ENGG. II

3.) VISITED UTU MALIBA, BARDOLI AS AN EXTERNAL EXAMINER FOR THE SUBJECTS 'DESIGN OF HYDRAULIC STRUCTURES' AND 'WATER RESOURCES ENGG.II' IN CIVIL ENGG. DEPT.