

GIDC DEGREE ENGINEERING COLLEGE
FACULTY PROFILE

	Name of Teaching Staff	Dr. Megha Tailor			Paste your photo here
	Designation	Assistant Professor			
	Department	Applied Sciences and Humanities Department			
	Date of Joining	17/10/2013			
	Qualifications with Class/Grade	UG	PG	PhD	
		Bachelor of Science (First Class)	Master of Science (Distinction)	Completed	
	Total Experience in Years	Teaching	Industry	Research	
		10 years 3 months			
	Area Of Interest	Groundwater Porous Media, Finite Difference Method			
	Papers Published in Journals	National	-	International	3

	Detail Of Publication	<ol style="list-style-type: none"> 1. A research paper “An analytical solution of porous medium equation by similarity transformation” was published in International Research Journal of Engineering and Technology. 2. A research paper “Study of Imbibition Phenomenon in Homogeneous Porous Medium Using Finite Difference Method " was published in Journal of Applied Science and Computation (JASC). Volume – 5, Issue – 9, September – 2018, ISSN No – 1076-5131 3. A research paper “Instability Phenomenon Arising in Homogeneous Porous Media by Crank-Nicolson Finite Difference Method” was published in Journal of Emerging Technologies and Innovative Research. 			
	Papers Presented in Conferences	National	-	International	1
		<ol style="list-style-type: none"> 4. Attended International Conference “Numerical Solution Of Nonlinear Partial Differential Equation Arising In Multifluid Immiscible Flow By Finite Difference Method” Mehsana Urban Institute of Sciences, Ganpat University, Kherva, Dist: Mehsana. 			
	STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<p><u>FDP:</u></p> <ul style="list-style-type: none"> • Attended ATAL FDP on "Cutting-edge multidisciplinary research in the field of fluids". • Attended ATAL FDP on "Computational Mathematics and Artificial Intelligence for Engineers". 			

STTP:

- Attended a one week STTP on “Recent trends of Mathematics in Science & Technology” at GDEC, Navsari.
- Attended one week short term training programme (STTP) on “Research Methodology programme (STTP) on “Research Methodology for Academia (RMA-2017) organized by NaranLala School of Industrial Management and Computer Science, Navsari & GIDC Degree Engineering College, Navsari.
- Attended STTP on “Designing of Mathematical Models in Different field of Engineering”, organized by Applied Sciences and Humanities department(ASH), GIDC Degree Engineering College(GDEC), Abrama Navsari.

Workshop:

- Attended a workshop on “An Application of Ordinary Differential Equation in Science and Engineering” organized at CGPIT (Maliba campus), Bardoli.
- Attended a workshop Mathematical model on transmitting behaviour of covid-19 Department of Mathematics and Statistics, Manipal university.
- Attended a workshop Fluid dynamics Department of Mathematics and Statistics, Manipal university.

	Projects Guided	
	Books Published / IPRs/ Patents	
	Professional Memberships	
	Consultancy Activities	
	Awards	
	Grants Fetched	
	Interaction with Professional Institutions	