


GIDC DEGREE ENGINEERING COLLEGE

FACULTY PROFILE

	Name of Teaching Staff	Archana Manan Nayak			
	Designation	Assistant Professor			
	Department	Computer			
	Date of Joining	1/8/2012			
	Qualifications with Class/Grade	UG	PG	PhD	
		Distinction	First Class	-	
	Total Experience in Years	Teaching	Industry	Research	
		6.5 Years	-	-	
	Area Of Interest	Database Management System, Compiler Design, Data Mining, Software Analysis & Design, Swarm Intelligence			
	Papers Published in Journals	National	-	International	1
	Papers Presented in Conferences	National	1	International	-

	Detail Of Publication	<ul style="list-style-type: none"> • “A Particle Swarm Optimizer to solve a variant of Dynamic TSP” National Women’s Conference on Exploring Potentialities of Women in Engineering (EPWIE), 2009, CIT-Changa, Gujarat • “Solving Dynamic Traveling Salesman problem using ACO” International Journal of computer applications in engineering and technology and science (IJ-CA-ETS), 2009, Maharashtra.
	STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<ul style="list-style-type: none"> • Attended “One Day Symposium on Net Beans” at GCET, VV Nagar • Attended a workshop on “I2EE & Mobile Application” at DAICT, Gandhinagar • One week STTP on “Machine Learning and Soft Computing techniques” • Attended a one day Symposium on Ant Colony Optimization at GCET, VV Nagar • Attended a workshop on “Latex Software” at ADIT, VV Nagar • Attended Seminar on “JAVA Programming” at GCET on 5th Feb – 09 • Attended workshop on “Grid computing, Network security & Open Source Environment” at GCET, VV Nagar
	Projects Guided	<p>Have guided several projects in B.E IT and B.E Computer. Some of them projects are</p> <p>TSP using Ant Colony Optimizer</p> <p>Knapsack Problem solve using Ant Colony Optimization</p> <p>Traveling Salesman Problem solve using Artificial intelligence Techniques.</p>
	Professional Memberships	Life time member of ISTE Staff chapter

	Administrative Responsibilities:	<ul style="list-style-type: none"> ○ Worked as a Coordinator of the department ○ Time-table Coordinator ○ Worked as a member of AICTE Committee of the Institute ○ Member of ACPC Committee of the Institute ○ Coordinator Women's Development Cell ○ Anti-ragging committee member of the Institute