


GIDC DEGREE ENGINEERING COLLEGE
FACULTY PROFILE

	Name of Teaching Staff	Tilva Vikunj K.			
	Designation	Assistant Professor			
	Department	Civil Engineering			
	Date of Joining	1/8/2012			
	Qualifications with Class/Grade	UG	PG	PhD	
		First class with CPI 6.6	Distinction with CPI 8.03		
	Total Experience in Years	Teaching	Industry	Research	
		6.9 year			
	Area Of Interest	Software base design and analysis			
	Papers Published in Journals	National	--	International	3

	Detail Of Publication	<ul style="list-style-type: none"> • “ International journal of Advance Research in Engineering, Science &Technology “ e-ISSN : 2393-9877, P-ISSN : 2394-2444 Volume 3, Issue 2, February 2016, Impact Factor : 3.632 “Study on Compressive strength of concrete by using waste material” 			
		<ul style="list-style-type: none"> • “Earth Sciences and Engineering” ISSN 0974-5904 volume 4,No 06 SPL , October 2011 pp. 596-599 “Enhancing the punching shear resistance of flat plates using shear heads, shear stud rail and shear stirrups: A comparative study” • International Research Journal of Engineering and Technology (IRJET) , e-ISSN: 2395-0056, p-ISSN: 2395-0072 Volume: 04 Issue: 07 July -2017. Impact Factor value: 5.181 ISO 9001:2008 Certified Journal Page 593 “ Study on Geosynthetic Reinforced Stone Column with soft & stiff clay” 			
	Papers Presented in Conferences	National	3	International	1
		<ul style="list-style-type: none"> • “ Global research and Development Journals” ISSN : 2455-5703, Published in March 2016 “ Seismic Assessment of masonry wall as equivalent diagonal strut in RC frame building” • “ Recent trends in Engineering & technology” “Cost Comperison between flat slabs with drop and without drop in 4 storey lateral load resisting building” at BVM College on dated 13th &14th May 2011 • Presenting paper GTU Research fair 2011 on “ Enhancing the punching shear resistance of flat plats using shear heads and shear stirrups: A comparative study at LD Engineering college on dated 13th&14th May 2011. • Engineering : Issues,opportunities and challenges for development” ISBN: 978-81-929339-1-7 “ Effect on compressive strength of concrete by using demolition material” on dated 11th Aprial 2015. 			
	STTP/WORKSHOP/ CONFERENCE / SEMINAR Organized or Participated	<ul style="list-style-type: none"> • “Recent Advances in Concrete Technology and Testing of materials” 6 Day STTP at SVNIT,SURAT. • Organized FDP as a Co-Patron on “Design Thinking Modules” on dated 18th-19th October 2016. • Participated in “Moodle” Workshop on dated 19/9/2015 in college level. • Organized 2 days workshop on STAAD Pro. Software at college on dated 6th&7th Aprial 2015 associate with Robo Edutech India Pvt. Ltd. IIT Bhubaneswar. 			

		<ul style="list-style-type: none"> • Participating in 2 days workshop on RAVIT software at SVNIT organized by CAD center Surat on dated 10th -11th Jan 2015. • Organized expert lecture on concrete subject on dated 16-4-2015 association with the expert person of ULTRATECH CEMENT Ltd. • Participate in Advance Concrete Mix Design Workshop on dated 17th & 18th Nov 2011 Organized by Ambuja Cement at Surat. • Participate in 3 days Faculty development in Vidhyabharti college during 2011-12 • Participate in Workshop of Technical Education of Construction on dated 16/12/2011 Organized by Binani Cement.
	Projects Guided	<ul style="list-style-type: none"> • Guided Final year project by using STAAD Pro software on “ Comparative study of special moment resisting RC frame building “ for batch 2012 • Guided Final year project by using PLAXIS software “ Geosynthetic reinforced stone column on layered soil” for batch 2013. • Guided Final year project by using ETABS & SAFE software “ Study on vulnerable parameter punching shear by using shear reinforcement in flat slab” for batch 2014. • Guided Final year project “Cost comparision and optimization of flat slab with drop and without drop : A comparative study” for batch 2014.
		• DE project “Development of Dandi”
		• DE project “Analysis of bridge trusses”
		• DE project “causalities cause at river over bridge”
		• DE project “ pond development”
		• DE project “Optimizing the use of fly ash in bricks”
		• DE project “Optimizing the use of fly ash in Concert”
	Books Published / IPRs/ Patents	
	Professional Memberships	
	Consultancy Activities	<ul style="list-style-type: none"> • Proof checking and design of the structures. • Testing of materials.

		<ul style="list-style-type: none">• Conditional assessment of the structures.
	Awards	
	Grants Fetched	
	Interaction with Professional Institutions	