


GIDC DEGREE ENGINEERING COLLEGE

Name	Dr. Bhavinkumar Ganpatbhai Patel			
Designation	HOD and Associate Professor - Civil Engineering Department			
Department	Civil Engineering Department			
Date of Joining	11/10/2018			
Qualifications with Class/Grade	UG	PG	PhD	
	B.E 66.80%	M.E 70.89%	Civil Engineering (Specialization: Structural Engineering)	
Total Experience in Years	Teaching	Industry	Research	
	14	--	--	
Area Of Interest	Concrete- Structural Engineering			
Papers Published in Journals	National	-	International	5

Detail Of Publication

- 1 B. G. Patel, A. K. Desai and S. G. Shah. (2015). "Fracture Properties of Fiber Reinforced Self Compacting Concrete Notched Beams." *International Journal of Advance Research in Engineering, Science & Technology (IJAREST)*, ISSN(O):2393-9877, ISSN(P): 2394-2444, 2 (11), 15-20.
- 2 B. G. Patel, A. K. Desai and S. G. Shah. (2015). "Effect of Binder Volume on Fresh and Harden Properties of Self Compacting Concrete." *International Journal of Engineering Research & Technology*, ISSN: 2278-0181, 4 (09), 599-605.
- 3 Santosh G. Shah, Bhavin G. Patel and Atul K. Desai. (2016). "Fracture and Size Effect Studies on Fibre Reinforced Self Compacting Concrete using Digital Image Correlation." *9th International Conference on Fracture Mechanics of Concrete and Concrete Structures FraMCoS-9*, Eds-V. Saouma, J. Bolander and E. Landis, University of California, Berkeley, California, USA.
- 4 Bhavin G. Patel, Dr. Atul K Desai and Dr. Santosh G. Shah. (2012). "Experimental Optimization of Aggregate Gradation Combinations for Self Compacting Concrete." *Proceeding of National conference on Trends & Challenges of Civil Engineering in Today's Transforming World*, ISBN: 978-81-929339-0-0, Bardoli, Gujarat, India.
- 5 B. G. Patel and A. K. Desai. (2012). "Effect of Mixing Time on Self Compacting Mortar." *8th Biennial Conference on Structural Engineering Convention*, S.V.N.I.T., Surat, Gujarat, India.
- 6 Bhavin Patel, Yogendra Tandel, Atul Desai and Santosh Shah. (2017) "Size Effect on Fracture Properties of Self Compacting Concrete Beams Using DIC Technique" *Jordan Journal of Civil Engineering*, Vol. 11, No. 3 , 490-500.
- 7 B. G. Patel, A. K. Desai and S. G. Shah. "Size Effect and Nonlinear Fracture behaviour of fiber reinforced self compacting concrete." *6th Nirma University*

		<p><i>International Conference on Engineering, NUiCONE 2017.</i> Nirma University, Ahmedabad, Gujarat, India,</p> <p>8 Dr Bhavin Patel, Hardik Lad, Priyank Shah and Bhavin Garasia “Experiment study on strength characteristics of concrete Using bagasse ash.” <i>International Research Journal of Engineering and Technology (IRJET)</i>, Volume: 05 Issue: 05, May-2018, PP 3699 – 3703.</p>		
	Papers Presented in Conferences	National	-	International
	STTP/WORKSHOP/CONFERENCE / SEMINAR Organized or Participated			--
	Projects Guided			---
	Books Published / IPRs/ Patents			---
	Professional Memberships			---
	Consultancy Activities			---

	Awards	---
	Grants Fetched	---
	Interaction with Professional Institutions	---