


# HIRAL PATEL

<b>DESIGNATION</b>	Assistant Professor in Mathematics	
<b>RESEARCH INTEREST</b>	Graph Theory and Algorithm	
<b>EXPERIENCE</b>	11 YEARS	
<b>CONTACT INFORMATION</b>	Room No B 206, Admin Block, Government Engineering College, Near Sanskar Kendra, College Road, Valsad-396001 Mobile: 9428190472 E mail: vrvisavaliya@gecv.ac.in	

## **APPOINTMENT:**

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Government Engineering College, Valsad  
Assistant Professor (GES CL II)

December 2019-Present

Vishwakarma Government Engineering College,  
Chandkheda  
Assistant Professor (GES CL II)

May 2011-December 2018

Charotar University of Science and Technology, Changa  
Assistant Professor (GES CL II)

August 2008-April 2011

## **EDUCATION :**

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Doctor of Philosophy (Pursuing)  
Dhirubhai Ambani Institute of Information and Communicational  
Technology (DAIICT), Gandhinagar

M.Phil. in Functional Analysis  
Sardar Patel University, Vallabh Vidyanagar

May-2008

M.Sc. in Mathematics  
Sardar Patel University, Vallabh Vidyanagar

May-2007

B.Sc. in Mathematics  
Saurashtra University, Rajkot

May-2005

Higher Secondary School Certificate  
Kamani Forward Higher Secondary School, Amreli

May-2002

## **SKILLS AND KNOWLEDGE:**

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- Languages: C
- Script: Python
- Tools: LATEX
- Mathematical Software: GeoGebra, MATLAB (at intermediate level)

## **TRAINING / WORKSHOP /CONFERENCE ATTENDED :**

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- ➔ “An Introductory Workshop on GeoGebra as part of the International GeoGebra Conference”,  
IMSc, Chennai 01/03/2021 to 07/03/2021
- ➔ “An Introductory Workshop on GeoGebra as part of the International GeoGebra Conference”,  
IMSc, Chennai 01/03/2021 to 07/03/2021
- ➔ “UDAYAM (Unlimited Digital Advanced Yearlong Academic Method of Learning) E-Content Development Course”,  
Knowledge Consortium of Gujarat, Ahmedabad 28/07/2020 to 18/08/2020
- ➔ “MATLAB based Teaching-Learning in Mathematics”,  
DesignTech Systems Pvt. Ltd 18/05/2020 to 22/05/2020
- ➔ "Short Term Training Programme Induction Training Phase-II",  
NITTTTR Extension center, Ahmedabad 27/08/2018 to 08/09/2018
- ➔ “13th Annual ADMA Conference & Graph Theory Day-XIII”,  
SSN College of Engineering, Chennai 08/06/2017 to 10/06/2017
- ➔ “13th ADMA Pre-conference School on Graph Algorithms”,  
SSN College of Engineering 05/06/2017 to 07/06/2017
- ➔ “ISTE workshop on Pedagogy for Effective use of ICT in Engineering Education”,  
Indian Institute of Technology-Bombay 12/06/2014 to 02/08/2014
- ➔ "Short Term Training Programme on Thinking about Thinking",  
Nirma University, Ahmedabad 30/06/2014 to 11/07/2014
- ➔ Short Term Course on Induction Training Programme Phase-I",  
NITTTTR Extension center, Ahmedabad 26/05/2014 to 06/06/2014
- ➔ "Karmayogi Residential Training for Quality Improvement Program in Technical Education",  
CTE, Gandhinagar 21/11/2013 to 23/11/2013
- ➔ “Comprehensive Online Intellectual Property Rights”  
Gujarat Student Start-up and Innovation Hub (i-Hub) 06/07/2020 to 14/09/2020
- ➔ “UDAYAM (Unlimited Digital Advanced Yearlong Academic Method of Learning) E-Content Development Course”  
Knowledge Consortium of Gujarat 28/07/2020 to 18/08/2020

## **PROFESSIONAL MEMBERSHIPS:**

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Life Member, Gujarat Ganit Mandal

Life Member, TECH-Amreli  
Life Member, LATEX Stack Exchange Community

## **PORTFOLIOS:**

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NBA Coordinator	2019-Present
GSIRF Coordinator	2019-Present
NIRF Coordinator	2020-Present
AICTE-Parakh Coordinator	2021-Present
Media Coordinator	2021-Present
Academic Audit Member	2020-Present
IQAC Member	2021-Present
NISP and IIC Council Member	2020-Present

## **PUBLICATION (PAPERS/BOOKS):**

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- The Entropy Influence Conjecture Revisited, Electronic Colloquium on Computational Complexity, Report No. 146(2011) [ISSN 1433-8092].
- Some Results on Sum Cordial Graphs, Communications in Optimization Theory, 6(2014) [ISSN 2051-2953].
- Sum Cordial Labeling of Graphs, J. Math. Comput. Sci. 4(5) (2014), 879-891 [ISSN: 1927-5307].
- Further Results on Sum Cordial Graphs, Malaya J. Mat. 3(2)(2015), 175-181 [ISSN: 2319-3788].

## **PATENT FILED:**

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NIL

## **PROJECT GUIDED:**

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NIL

SSIP/Research/funded Projects: NA

Academic projects: NA

## **Expert lectures / workshop organized/Delivered:**

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- Problem solving in Mathematics for JAM, GATE and NET organized by Department of Mathematics, St. Xavier's College, Ahmedabad during 4-8 January, 2018.
- Problem Solving in Mathematics organized by Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar during 20-26 December, 2011.
- Problem Solving in Mathematics organized by Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar during 28 January-03 February, 2010.

## **AWARS AND HONOURS:**

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NIL

## **SUBJECT TAUGHT:**

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Mathematics I (3110014)

Mathematics II (3110015)

Complex Variables and Partial Differential Equations (313005,3140610)

Applied Mathematics for Electrical Engineering (3130908)

Python Programing (3151108)