

Prof. Vipul R Shah

Designation : Associate Professor
Date of Birth : 03.04.1968
Date of joining the college : 02.09.1996
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Academic Qualifications :(Starting with B.Sc. Degree)

Qualification	Institution /Uni.	Year Passed
B.Sc. (Mathematics)	S. P. University, Vallabh Vidyanagar	1990
M.Sc. (Mathematics)	S. P. University, Vallabh Vidyanagar	1993
M.Phil. (Mathematics)	S. P. University, Vallabh Vidyanagar	2000
Ph. D. (Mathematics)	S. P. University, Vallabh Vidyanagar	Contd.

Teaching experience (Starting from present position) :

University/ college	Designation	Period
GCET, V. V. Nagar	Associate Professor	1 year
GCET, V. V. Nagar	Assistant Professor	3 years
GCET, V. V. Nagar	Senior Lecturer	6 years
GCET, V. V. Nagar	Lecturer	5 years
V.P. & R.P.T.P. Science college, V. V. Nagar	Adhoc Lecturer	3.5 years
N.V.Patel Pure & Applied Science College, V. V. Nagar	Visiting Faculty	4 Months
Pramukh Swami Computer Institute , V. V. Nagar	Visiting Faculty	1 year
B.J.V.M.commerce college, V. V. Nagar	Visiting Faculty	1 year

Areas of interest :

1. Topology
2. Cryptography
3. Financial Mathematics

Theory courses Taught to date (Undergraduates)

1. Topology
2. Abstract Algebra
3. Linear Algebra
4. Calculus
5. Real Analysis
6. Analytic Geometry of 2 and 3 dimensions
7. Mathematics-I (Engineering Mathematics)
8. Mathematics-II
9. Mathematics-III
10. Probability and Statistics
11. Numerical Methods in Engineering
12. Business Mathematics

No. of STTPs/ Workshops/ QIP programs attended :

1. Attended UGC Sponsored Refresher Course in Mathematics from 02 – 11 –2000 to 19 – 11 –2000 held at Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar.
2. Attended UGC Sponsored Refresher Course in Mathematics from 29 – 04 –2002 to 18 – 05 –2002 held at Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar.
3. Attended a workshop on “Advances in Mathematical Modeling and Simulation” on 13 – 11 –2003 held at Birla Vishvakarma Mahavidyalay (BVM Engg. college).
4. Attended a workshop on “ Value Education for a Value-Based Society” from 7-05-2004 to 20-05-2004 held at Mount Abu organized by Education Wing, Rajyoga Education & Research Foundation.
5. Participated “Harmonic Analysis Week” from 25-10-2004 to 01-11-2004 held at Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar.
6. Presented/Participated a paper in XIX Gujarat Science Congress on 19 -02-2005 held at Sardar Patel University, Vallabh Vidyanagar.
7. Participated in Conference on “Functional Analysis and its Applications” From 14-03-05 to 16-03-05 held at Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar.
8. Participated One day workshop on “Research Methodology in Engineering Education” at GCET on 22nd April 2006.
9. Participated Indo – UK Study Group Meeting on Industrial Problems held at M S University Baroda on 20 – 24 March, 2006.
10. Participated Three days National Seminar on Partial Differential Equations and Scientific Computing (NSPDESC-2006) at Department of Mathematics Veer Narmad University Surat, from 23 – 25 January 2006.
11. Organized and participated Three days National Seminar on Partial Differential Equations and Scientific Computing (NSPDESC-2006) at BVM Engineering College, Vallabh Vidyanagar from 26 – 27 November ,2005.

12. Participated in Two days seminar on "Up gradation of Mathematics Curriculum at Undergraduate Engineering level"
13. Participated 2nd National Symposium on data and Knowledge Engineering – 2005 at ADIT on 25th September 2005.
14. Attended 11th Annual Convention of ISTE Gujarat Section on "Challenges of GATS before domestic – Public and Private – Technical education providers in India" at C U Shah College of Engg and Technology, Wadhwan.
15. Attended National Workshop on "Recent Advances in Fourier & Harmonic Analysis" During 24th to 26th March 2007, Organized by Department of Mathematics, S P University, Vallabh Vidyanagar.
16. Attended one day seminar on Matlab on 17th March 2007 at ADIT, New Vallabh-Vidyanagar.
17. Participated in STTP on "Strategy & Art of Reinventing Excellence in Education" during 12th to 16th February.
18. Attended second national conference on "Technology and Innovations in Mathematics Education" at IIT Bombay from 1st to 4th December 2007.
19. Attended one day symposium on "Gujarat Technological University Prospect & Retrospect " at ADIT, New Vallabh Vidyanagar on 23rd February 2008.
20. Attended a course of CEP – CDEEP on "Univariate and Multivariate Calculus" at IIT Bombay from 30th June to 12th July, 2008.
21. Attended Annual Convention of Gujarat Ganit Mandal and delivered a talk at Patan from 13th to 15th Nov, 2008.
22. Attended and presented a paper in National Conference on "Innovations and Application of Mathematical Modeling Techniques in Engineering System" at ADIT, Vallabh Vidyanagar on 10th Dec, 2008.
23. Attended an International workshop on "Mathematics in Industry, Medicine, Commerce and Plant Sciences Study group Meeting" at MS Uni Baroda on 24th to 28th March, 2009.
24. Attended a course of CEP – CDEEP on " Linear Algebra and Differential Equation" at IIT Bombay from 10th May to 23rd May, 2009.

No. of papers published:

1. 'Piecewise Coding by Partitioning the Message and Blending of Methods' in Mathematics Today. The same Paper was presented at Gujarat Science Congress.
2. Rajesh C Sanghvi and Vipul R Shah " Study of Transient Vibrations Using Simpson's Three Eight Law" presented in national conference of Innovations and Applications of Mathematics Modeling Techniques in Engineering System at A D Patel Institute of Tecjnlology, New Vallabh Vidyanagar on December 10, 2008.
3. Rajesh C Sanghvi, Prof V R Shah " Maximum Value of the steady state response for a spring mass system under multi-frequency excitation." Presented in the national conference on Emerging Trends in Mechanical Engineering held at G H Patel College of Engineering and Technology, Vallabhvidyanagar on 29 March 2008.
4. Mrs Krupal S Parikh, Prof Vipul R Shah, "Understanding Concepts of Mathematics through e-Technology" presented in the national Women's conference on Exploring Potentialities of Women in Engineering at Charotar Institute of Technology – Changa on July 3-4, 2009.

5. Ms Hetal Soneji , Prof Vipul R Shah, "E- Technology :A handy tool at the service of mathematics" presented in the national Women's conference on Exploring Potentialities of Women in Engineering at Charotar Institute of Technology – Changa on July 3-4, 2009.

List of Books published:

1. Advanced Engineering Mathematics as Co-author, Nirav-Roopal Prakashan, Vallabh Vidyanagar.
2. Engineering Mathematics as Co-author, Nirav-Roopal Prakashan, Vallabh Vidyanagar.