

Name of Teaching Staff : Dr. R. Narasimhan  
Designation : Associate Professor  
Department : Applied Mathematics  
Date of Joining the Institution : 16.8.1994



Qualification with Class / Grade : 1. Ph.D. (Mathematics Algebraic Geometry) Purdue University, USA.  
2. M.Sc. (Mathematics) from Bombay University in May, 1978 with 1<sup>st</sup> Class, Distn.79%.  
3. B.Sc. (Mathematics) from Poona University in May, 1976 with 1<sup>st</sup> Class, Distn.76%.

Total Experience in Years : **Teaching: 15 years**

1. Associate Professor in Applied Mathematics, Dwarkadas J. Sanghvi College of Engineering from 1.1.2006 till date.
2. Assistant Professor in Applied Mathematics, Dwarkadas J. Sanghvi College of Engineering from 5.6.1997 to 31.12.2005.
3. Lecturer in Applied Mathematics, Dwarkadas J. Sanghvi College of Engineering from 16.8.1994 to 4.6.1997.
4. Head, Department of Mathematics, NES Ratnam College, Bhandup, from 1993-94.
5. M.Sc. / M.Phil. teaching as CSIR Research Associate, Bombay University, 1986-91.
6. M.Sc. / M. Phil., Poona University, 2 yrs. from 1982/84.
7. Post-doctorial visiting research fellow, TATA Institute of Fundamental Research of 1984-86.
8. Teaching Assistant at PURDUE University, USA, 5 years from 1977 to 1982.

**Industry:** --

**Research:** --

Papers Published

: **National: 6**

1. Hyper planarity of the Equimultiple locus, Proceedings of the American Mathematical Society, vol.87(1983) p.403-408 (MR 84f).
2. Monomial Equimultiple curves in positive characteristic, Proceedings of the American Mathematical Society, vol, 89 (1983) p. 403-408 (MR 84 d).
3. Embedding of the line in affine n-space, Proceedings of the Bombay Mathematical Colloquium, 1989.
4. The Jacobian conjecture in n variables, Proceedings of the Symposium on Algebra and Algebraic Geometry, IIT, Bombay, 1990.
5. Hyper graphs in Coding Theory, Proc. International Conf. on Number Theory and Cryptography, HRI, Allahabad, 2007.
6. Recent progress in the Jacobian conjecture, Proceedings of 22<sup>nd</sup> annual RMS conference, NITK, Surathkal, June 06-08, 2007.

**International: --**

Papers Presented in Conferences

: **National: 4**

1. IIT Bombay, Department of Mathematics, Invited Faculty, AFS (May 1-June05, 2004).
2. National Conference on Engineering Mathematics and IT Dec 25-26, 2009 Central University Rajasthan, PCE Jaipur. Invited talk and chair of a session.
3. Interdisciplinary National Science Seminar, Jai Hind College, Mumbai, Jan 18, 2010.
4. Invited to International Congress of Mathematics, Hyderabad, Aug.19-Aug.27, 2010.

**International: 2**

1. International Math, Olympiad training camp, HBSCE, Trombay (May 05-June 03, 2007) to present.
2. International Conference on Number Theory and Cryptography, HRI, Allahabad (Feb 23-27, 2007).

PhD Guide ? Give field & University

: **Field:** --  
**University:** --

PhDs / Projects Guided

: **PhDs:** --  
**Projects at Masters level:** --

Books Published / IPRs / Patents	:	<ol style="list-style-type: none"> <li>1. Engineering Mathematics, Semester I, Text-Book as per the syllabus of the University of Mumbai (jointly with 3 authors).</li> <li>2. Engineering mathematics, Semester II, Text-Book as per the syllabus of the University of Mumbai (jointly with 3 authors).</li> </ol>
Professional Memberships	:	<p><b><u>Membership of Science and Professional Bodies:</u></b></p> <ol style="list-style-type: none"> <li>1. Life Member, Bombay Mathematical Colloquium (1998).</li> <li>2. Life Member, Bhaskarcharya Pratisthan, Pune (1982).</li> <li>3. Life Member, Indian Society for Technical Education (1997).</li> <li>4. Life Member, Association of Engineering Mathematics Teachers, University of Mumbai (1997).</li> <li>5. Life Member, Ramanujan Mathematical Society (Bangalore / Chennai).</li> <li>6. Faculty Recourse Person, Refresher Course in Mathematics, Department of Mathematics, University of Mumbai, November 3 – November 24, 1997.</li> <li>7. Visiting Faculty, M. Phil course, Department of Mathematics, University of Mumbai, 1999-2000, 2001, 2005.</li> <li>8. Visiting Lecturer, Department of Mathematics, University Department of Chemical Technology, Mumbai, 1998-99.</li> <li>9. Faculty Resource Person, ISTE Summer School, Environmental Issues, D.J. Sanghvi College of Engineering, Mumbai, June 17-29, 2002.</li> <li>10. Faculty Resource Person, (National) MTTS Programme, National Board for Higher Mathematics, IIT, Mumbai May 21-June 20, 2002.</li> <li>11. Visiting Lecturer, M. Sc. II, Institute of Science, Mumbai, Feb01-April 20, 2004.</li> <li>12. Faculty Resource Person, IIT Bombay, Annual Foundation School for Ph.D. students, May10 - June 05, 2004.</li> </ol>
Consultancy Activities	:	--
Awards	:	--
Grants fetched	:	--
Interaction with Professional Institutions	:	--