

# Curriculum Vitae



**Name** : Dr. Vinod L Desai  
**Date of Birth** : 05/08/1980  
**Address (Residential)** : Department of Computer Science, Gujarat  
Vidyapith, Ahmedabad- 380014, India.  
**Current Position** : Assistant Professor  
**Email** : vinod@gujaratvidyapith.org

## Academic Qualifications

Exam passed	Board/University	Subjects	Year	Division/ Grade/ Merit.
Ph.D.	Bhavnagar University	Computer	2009	Awarded
M.C.A	Gujarat Ahmedabad	Vidyapith, Computer Science	2004	65%
B.B.A	HNGU, Patan	Mathematics	2000	64%

## Contribution to Teaching

Courses Taught	Name of University /College Institution	Duration
MCA	Gujarat Vidyapith, Ahmedabad	Since Aug 2017
B.Sc Computer Sci.	Government Science College, Chikhli	2013-2017
MCA	NICSM (MCA), Kadi	2005-2013
BCA & PGDCA	BKAPKM, Palanpur	2004-2005

## Area of Specialization

- Java & Management Information System

### ***Area of Interest***

- Cloud Computing, Big Data

### ***Research Guidance***

- No. of Students Pursuing Ph.D. : 2
- M. Phil. Degree awarded : 1
- Ph.D Degree awarded : 2
- Dissertation at MCA level in last 5 years: 20 students

### ***Book Publications***

1. Database Management System, 2016

Book Edited

1. Edited the proceedings of the National Conference on Advanced Data Computing, Communication and Security as Editor published by S V Institute of Computer Studies, Kadi. (ISBN - 978-81-905385-03).

### ***Papers Published in Journals***

1. Planning and Implementation of Knowledge Grid in Indian Context, National Journal of System and Information Technology, ISSN 0974-3308, 2009.
2. Apache Hadoop Yarn Parameter configuration Challenges and Optimization, IEEE Explore, 2015. ISBN: 978-1-4799-1752-5, Published by IEEE.
3. Apache Hadoop Map reduce job classification based on CPU Utilization and Performance Evaluation on Multicluster Heterogenous Environment, Springer Proceeding of International Conference on ICT for sustainable development (ICT4SD 2015), ISBN 978-981-10-0133-8 and ISSN 2194-5357.
4. Customized Parameter Configuration Framework for Performance Tuning in Apache Hadoop, Springer Proceeding of International Conference on ICT for sustainable development (ICT4SD 2015), ISBN 978-981-10-0133-8 and ISSN 2194-5357.
5. Computational Performance Analysis of Ant Colony Optimization Algorithms for Travelling Sales Person Problem, Springer Proceeding of International Conference on ICT for sustainable development (ICT4SD 2015), ISBN 978-981-10-0133-8 and ISSN 2194-5357.
6. Apache Hadoop Yarn Performance Analysis and Tuning through guided

Configuration Parameter Setting on Single Cluster, Research Hub-International Multidisciplinary Research Journal, ISSN 2349–7637, 2016.

### ***Ph.D. Evaluation***

1. “A New Control Mechanism for Identity Management on the Internet, Mody University, Rajasthan, India.

### ***National / International Conferences***

1. Study and Taxonomy of Grid Resource Management, XXII Gujarat Science Congress (Role of Communication and IT in the Development of Science and Technology) at Bhavnagar University, Bhavnagar and Gujarat Science Academy, Ahmedabad held on 9<sup>th</sup> March,2008.
2. Advanced Security in Grid Environment, National Conference-09 on Managing Technology for organizational Excellence at Swami Vivekanand Group of Institutes (SVIET), Patiala-Punjab held on 23<sup>rd</sup> Jan 2009.
3. Fog Computing: A paradigm shift to outspread the Cloud Computing, National Seminar on Recent trends in Science and Technology at SSR College of Arts, Commerce and Science, Silvassa, Union Territory, funded by Savitribai Phule Pune University held on 23<sup>rd</sup> & 24<sup>th</sup> Dec 2016.

### ***Seminars / Workshops / Training Camps Organized***

1. I have coordinated ENVISION-2007, A National Conference on Advanced Data Computing, Communication & Security during 15-16 July 2007 Sponsored by AICTE, New Delhi organized By S V Institute of Computer Studies, MCA Programme, Kadi.
2. I have coordinated Faculty Development Program on Application of MATLAB in Mathematical Sciences during 2nd -3rd January 2010 Sponsored by UGC, New Delhi Jointly Organized by Pramukh Swami Science & H D Patel Arts College and S V Institute of Computer Studies, Kadi.
3. I have coordinated Faculty Development Program on “Advanced Java Technology” during 28-29 January 2011 organized by S V Institute of Computer Studies, MCA Programme, Kadi in association with Gujarat Technological University and CSI, Ahmedabad Chapter.

4. I have coordinated a one day Seminar on “Career Orientation and Advanced Sciences” on 28<sup>th</sup> February 2015 organized by Govt. Science College, Chikhli.
5. I have coordinated a State Level Workshop on “Use of Social Media in Higher Education and Research” on 15<sup>th</sup> March 2015 organized by Government Science College, Chikhli in Association with GUJCOST, Gandhinagar.
6. I have coordinated a Three Day Workshop on “Research Proposal Writing” Jointly Organized by Higher Education District – Navsari and Knowledge Consortium of Gujarat (KCG), Ahmedabad during 9<sup>th</sup> July to 11<sup>th</sup> July 2015 at Government Science College, Chikhli.

### ***Lectures Delivered (National/ Local level Programmes)***

1. I have delivered a Guest Lecture on “E-Governance” at S V Institute of Management (MBA Program), Kadi on 8<sup>th</sup> February 2010.
2. I have served as a Visiting Lecturer at S V Institute of Management (MBA Programme) during 2009-2011.
3. I have delivered an Expert Lecture on “Servlet & JSP” at VJKM Institute of Management & Computer Studies (MCA College), Vadu (Kalol) on 2<sup>nd</sup> April 2012.
4. I have delivered an Expert Lecture on “Struts Framework” at VJKM Institute of Management & Computer Studies (MCA College), Vadu (Kalol) on 15<sup>th</sup> May 2012.
5. I have delivered an Expert Lecture on “Basics of Java and its Application” at Matrushi L.J. Gandhi (Bakorvala) B.C.A. College, Modasa on 12<sup>th</sup> October 2013.
6. I have delivered a Guest Lecture on “E-Commerce & Electronic Data Interchange” at NIFT, Gandhinagar during February 2014.
7. I have served as a Resource Person in Three Day Workshop on “Research Proposal Writing” Jointly Organized by Higher Education District – Navsari and Knowledge Consortium of Gujarat (KCG), Ahmedabad during 9<sup>th</sup> July to 11<sup>th</sup> July 2015 at Government Science College, Chikhli.
8. I have served as a Resource Person in Three Day Workshop on “Research Proposal Writing” Jointly Organized by Higher Education District – Navsari and Knowledge Consortium of Gujarat (KCG), Ahmedabad during 22<sup>nd</sup> June to 24<sup>th</sup> June 2016 at Government Science College, Chikhli.
9. I have delivered an Expert Lecture on “ICT in Education” at INSB sanchalit B.C.A.

College, Idar on 11<sup>th</sup> January 2018.

10. I have delivered an Expert Lecture on “*Mobile Computing*” at Government Science College, Chikhli on 29<sup>th</sup> January 2018.

11. I have delivered an Expert Lecture on “*Fundamentals of Computer*” at Secondary Teachers Training College, Visnagar on 14<sup>th</sup> February 2018.

12. I have delivered an Expert Lecture on “*Cloud Computing*” at Smt. K.B. Parekh College of Computer Studies, Mahuva on 23<sup>rd</sup> February 2018.

#### **FDP / QIP / WORKSHOP / REFRESHER COURSE / OP ATTENDED**

1. I have attended a Refresher Course on “Automated Software Development” at Thapar Institute of Engineering & Technology, Patiala, Punjab Sponsored by UGC during 4-23, December, 2006.
2. I have attended a Workshop on “.Net Technology” Sponsored by Microsoft at AES Institute of Computer studies, Ahmedabad during 17-19 November, 2006.
3. I have attended a Workshop Sponsored by TEQIP on “Object Oriented Analysis Design & Implementation” at Dharmsinh Desai Institute of Engineering and Technology, Nadiad during 5-10 March, 2007.
4. I have attended a Three Day Workshop on “IBM TIVOLI” at S V Institute of Computer Studies, Kadi during 5-7 April, 2007.
5. I have attended a one day technical workshop on “Mobile Application Development” using J2ME at EC/IT Department, Shantilal Shah Engineering College at Bhavnagar university during 14<sup>th</sup> September 2007.
6. I have attended a one Day Symposium on “NetBeans”, A Joint Event of IEEE and Sun Microsystems at Computer Science Dept., Institute of Science and Technology for Advance Studies and Research, Vallabh Vidya Nagar, Gujarat held on 17<sup>th</sup> September 2008.
7. I have attended “ICT4U”- Annual National Convention at Ahmedabad organized by Computer Society of India, Ahmedabad Chapter, Gujarat during 1-3 December 2011.
8. I have attended a State Level Workshop on “*Effective Teaching*” Sponsored by University Grant Commission(UGC) at Department of Computer Science,

Mahadev Desai Samajseva Mahavidyalaya, Gujarat Vidyapith, Ahmedabad during 18-19 March, 2012.

9. I have attended a Quality Improvement Programme on “*Effective Teaching*” Sponsored by University Grant Commission(UGC) Jointly Organized by Pramukh Swami Science & H D Patel Arts College, S V Institute of Computer Studies, Kadi during 8-9 November, 2012.
- 10 I have attended a Seminar on “*Quality in Higher Education and UGC Schemes XII<sup>th</sup> Plan Guidelines*” Organized by Veer Narmad South Gujarat University Area College Principal’s Association and Navyug Science College, Surat on 19<sup>th</sup> July, 2014.
- 11 I have attended a FDP on “*Digital Image Processing*” Organized by SRIMCA, UTU, Bardoli from 21<sup>st</sup> February 2015 to 22<sup>nd</sup> February 2015.
- 12 I have attended a FDP in “*Science*” jointly organized by KCG, Ahmedabad and Govt. Science College, Chikhli at KCG, Ahmedabad from 26<sup>th</sup> October 2015 to 28<sup>th</sup> October 2015.
- 13 I have attended a FDP organized by KCG, Ahmedabad at KCG, Ahmedabad from 2<sup>nd</sup> May to 7<sup>th</sup> May 2016.
- 14 I have attended an Orientation Program at UGC HRDC Centre, S.P. University, Vallabh Vidyanagar sponsored by UGC during 6<sup>th</sup> February to 5<sup>th</sup> March, 2017.
- 15 I have attended a GUJCOST sponsored “National Workshop on Geospatial Technology for Rural Planning & Development” organized by Department of Computer Science & Department of Rural Management, Gujarat Vidyapith in association with Spacetech Consultants (Group of Former ISRO Scientists) from 28<sup>th</sup> August to 1<sup>st</sup> September 2017.