

# Curriculum Vitae

**Prof. Gopi T. Bhatt**

B.E(Computer Engineering), M.E (Computer Engineering) – Gold Medallist, PhD (Pursuing, Nirma University)

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## PRESENT STATUS

Working as Assistant Professor in Department of Computer Engineering, A. D. Patel Institute of Technology (ADIT), New Vallabh Vidyanagar Since 2<sup>nd</sup> January, 2007

## WORK EXPERIENCE:

Worked as Adhoc-lecturer in Department of Computer Engineering, A. D. Patel Institute of Technology (ADIT), New Vallabh Vidyanagar from August 2006 to January 2007.

## TOTAL TEACHING EXPERIENCE

UG: 13 years

## ACADEMIC DETIALS:

Ph.D. (Pursuing), Institute of Technology, Nirma University

M.E – Gold Medallist (Computer Engineering) from Birla Vishvakarma Mahavidyalaya, Sardar Patel University, Vallabh Vidyanagar in December 2010 with CPI 9.63 (Equivalent to 82.66%)

B.E (Computer Engineering) from A. D. Patel Institute of Technology (ADIT), New Vallabh Vidyanagar in June 2006 with CPI 7.56 (Equivalent to 69.95%).

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## OTHER ACHIEVEMENTS

### Conference/Publications

1. Paper published titled “Performance analysis of local, network and distributed file systems running inside user’s virtual machines in cloud environment” Advances in Modelling and Analysis Vol. 61, No. 1, March, 2018, pp. 48-55
2. Paper published titled “load balancing in cloud computing using particle swarm optimization on xen server” in Nirma university international conference on engineering in September, 2017
3. Paper published titled “New Address Backoff Algorithm for Channel Acquisition in Wireless Sensor Networks” in International Journal of Science Technology and Engineering, in Volume 03, Issue 10, April, 2017. ISSN (Online): 2349-784X
4. Paper published titled “Ant Colony Optimization for Job Scheduling in Grid with Alea Simulator” in e-journal global research and development journal for engineering, volume 02 issue 05 in April, 2017. ISSN (Online): 2455-5703
5. Paper published titled “Prevention Of Accident Due to Drowsiness” in International Journal of Advance Research in Engineering Science and Technology (IJAREST), Volume 04 Issue 04, April-2017, ISSN (Online): 2393-9877, ISSN (print): 2394-2444

6. Paper published titled "A Taxonomy and Survey on Different File Systems" in International Journal of Advance Research in Engineering Science and Technology (IJAREST), Volume 04 Issue 04, April-2017, ISSN (Online): 2393-9877, ISSN (print): 2394-2444.
7. Paper published titled "A Highlight of Different Techniques Used in Virtualization to Improve Performance of Hypervisor" in International Journal of Advance Research in Engineering Science and Technology (IJAREST), Volume 04 Issue 04, April-2017, ISSN (Online): 2393-9877, ISSN (print): 2394-2444.
8. Paper published titled "A Parallel Incremental Mining Algorithm using Modified Inverted Matrix" in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 8 (2), March-April 2017, 232-236. ISSN: 0975-9646.
9. Paper published titled "Recognizing human gender: A Survey" in International Conference on intelligent systems and signal processing ISSP-17 24-25 march, 2017
10. Paper published titled "Gender Classification from Faces: A Survey" in International Conference on RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY, BVM in February, 2017
11. Paper published titled "A survey- web mining tools and technique" published In IJLTET Journal, Volume 7 Issue 4 November, 2016
12. Paper published titled "Load Balancing In Cloud Computing Using Optimization Techniques: A Study" in IEEE International Conference on Communication and Electronics Systems (ICCES 2016), organized on 21-22 October 2016 by PPG Institute of Technology in association with Confyy at Coimbatore, India.
13. Paper published titled "Performance Analysis of Microsoft Windows 2008 R2 Active Directory Server in Consolidated Virtualized Environment on IBM's HS22 High Performance Blade Conference" in IEEE International Conference on Communication and Electronics Systems (ICCES 2016), organized on 21-22 October 2016 by PPG Institute of Technology in association with Confyy at Coimbatore, India.
14. Paper published titled "Load balancing in cloud computing with open source simulation tools: A Survey" in National conference on Recent Advances in Computer Science and Technology during 5-6 October, 2016 at G. H. Patel college of Engineering and Technology
15. Paper published titled "Virtual commerce: The future" in international Journal of advance research in engineering science and technology, volume 3, issue 5, May-2016 (ISSN: 2393-9877)
16. Paper published titled "Performance analysis of HAAR wavelet transform on cell multicore processor" in IFRSA's International Journal of Computing, volume 5, issue 4, October, 2015 (ISSN:2230-9039)
17. Paper published titled "Facial Expression Recognition Using Machine Learning Techniques" paper ID: IJAERD14-0257, June 2014 in International Journal of Advance Engineering and Research Development. (ISSN: 2348-4470)
18. Paper published titled "Facial Expression Recognition: A Review" in International Journal For Scientific Research and Development, Volume 2, Issue 3, in May 2014.
19. Paper published titled "Analysis of transit method for exosolar planet detection in clustered environment" in International journal of Computer Science and Technology(ISSN: 2347-8578) volume 1, issue 2 -2014.
20. Paper Published titled "A novel approach for automatic number plate recognition" at ISSP-2013, Organized at G. H. Patel College of Engineering and Technology, Vallabh Vidyanagar on 1<sup>st</sup> – 2<sup>nd</sup> March 2013. Paper published online in IEEE Explorer
21. Paper published titled "Facial Animation Techniques: A Review" at National Conference on Advance Computing-2009 held at G. H. Patel o Engineering and Technology during December

12-13, 2009. Paper published by Journal of Software Engineering and Technology (Volume 2 No.1 January-June 2010, ISSN: 0975-6159).

22. Paper published titled "A survey of Power Aware Routing Protocols for ADHOC Networks" at NCETICT, a National Level Conference on Information Communication Technology, under ISTE Chapter at C. U. Shah College of Engineering and Technology, Wadhwan, April 2009

### **Short Term Training Programme:**

1. Attended One week FDP on "Cloud Computing with Amazon Web Services" during 25<sup>th</sup> November, 2019 to 29<sup>th</sup> November 2019 at BVM Engineering College Sponsored by AICTE and GTU
2. Attended one week sttp on "Machine Learning and Deep Learning for Data Science and Analytics using NVIDIA Graphics card and GPU Cloud" during 3<sup>rd</sup> to 8<sup>th</sup> December, 2018 at DEPSTAR, CHARUSAT, Sponsored by GUJCOST
3. Attended one week national level sttp on "Cloud Computing and Internet of Things (IoT)" from 11<sup>th</sup> to 16<sup>th</sup> June 2018 at GCET, sponsored by Charutar Vidya Mandal and Supported by ISTE
4. Attended one week national level sttp on data mining and soft computing tools and techniques from 18<sup>th</sup> to 23<sup>rd</sup> December 2017 at GCET
5. Attended one week sttp on "Internet of Things: Applications and Research Perspectives" during 12-17 June, 2017 at LDRP institute of technology and research
6. Attended one week ISTE sponsored STTP on "Big data and machine learning" during 21-26 November, 2016 at GCET.
7. Attended iste and gujcost sponsored sttp on research opportunities in information and network security organized by IT department BVM during 30<sup>th</sup> November 2015 to 4<sup>th</sup> December 2015
8. Attended two week ISTE Workshop on "Introduction to Design of Algorithm" during May 25-30, 2015 conducted by IIT Kharagpur under the National Mission on Education Through ICT (MHRD, Govt. of India)
9. Attended one week STTP on "Advances in Cloud Computing and Advanced Networking" during December 20-24, 2014 conducted at V V P Engineering College, Rajkot
10. Attended two week ISTE Workshop on "Computer Network" during May 28<sup>th</sup> to July 5<sup>th</sup>, 2014 conducted by IIT Bombay under the National Mission on Education Through ICT (MHRD, Govt. of India)
11. Attended one week STTP on "Real Time Linux Operating System, Architectural and Programming Issues" during May 25-30, 2009 conducted by Computer Science and Engineering Department, Institute of Technology, Nirma University
12. Attended one week STTP on "Enhancing Teaching Skills" from 10<sup>th</sup> to 14<sup>th</sup> September 2007 organized by Department of Mechanical Engineering, ADIT
13. Attended AICE-ISTE sponsored one week STTP on "Advances in Neuro-Fuzzy Systems and their Applications" organized at ADIT from 19<sup>th</sup> to 23<sup>rd</sup> March 2007
14. Attended one week certificate course in Communication Skills, from 10<sup>th</sup> to 18<sup>th</sup> January 2008, organized by H M Patel Career Development Centre, VallabhVidyanagar.

### **Workshops/Seminars Organized:**

1. One day workshop organized on "TSR Programming" on 9<sup>th</sup> September 2008 at ADIT jointly organized by Department of Computer Engineering, ADIT and IEEE Student Branch, ADIT

2. One day workshop organized on **Python** on 29<sup>th</sup> December 2011 at ADIT with the help from FOSSEE and Spoken Tutorial Projects, IIT Bombay, Funded by National Mission on Education through ICT, MHRD and Government of India.
3. One Day seminar organized on “**Remote Sensing, GIS and its Applications**” on September 23<sup>rd</sup>, 2011 at Department of Computer Engineering, ADIT
4. One Day Webinar on “**Cloud, Big Data and Mobile Application**” on 18<sup>th</sup> January 2014 at Department of Computer Engineering, ADIT
5. One Day Workshop on “**Windows App Development**” on 29<sup>th</sup> January 2014 at Department of Computer Engineering, ADIT
6. Two Day Workshop on “**Android App Development**” held under IEEE Student Chapter on 2<sup>nd</sup> and 3<sup>rd</sup> August 2014 at Department of Computer Engineering, ADIT
7. Organised three day State level workshop on “**Robotic Arm Development**” at ADIT from 17-19 September, 2014
8. Seminar on “**Design Engineering 2A**” on 14<sup>th</sup> September, 2015 at Department of Computer Engineering, ADIT
9. One day workshop on “**Microsoft azure boot camp**” under the Global Azure Summit organized by Microsoft Student Partner, ADIT student branch on 16/04/2016 at Department of Computer Engineering, ADIT
10. Organised womens day celebration on 8<sup>th</sup> march 16 and 17 at ADIT
11. Coordinated event “**Code Chaos**” of state level tech fest SPECTRUM’17 held at ADIT on 2-3 march, 2017
12. Organized one day workshop on “**VFX Programming and Special effects in Film Making**” on 19<sup>th</sup> March, 2019 at ADIT
13. Organized one day workshop on “**Deep Learning: A Head Start**” on 31<sup>st</sup> August, 2019 at ADIT

#### **Workshop Attended:**

1. Two day workshop on “Research issues in Wireless Sensor Networks and Delay Tolerant Networks” during 2<sup>nd</sup> – 3<sup>rd</sup> May, 2015 organized by Department of Computer Engineering Department, Dharamsinh Desai University, Nadiad.
2. One day workshop on “Image and Video Processing” at National Conference of Advance Computing – 2009 held at G. H. Patel College of Engineering and Technology, Vallabh Vidyanagar on 11<sup>th</sup> December, 2009.
3. One day workshop on “Research and Publication” organized by Department of Mechanical Engineering, ADIT on 24<sup>th</sup> April 2009
4. Three day workshop on “Advanced Networking Technology with Linux, Windows and Mikrotik” during 12<sup>th</sup> to 14<sup>th</sup> June 2008, organized by Department of Information Technology, GCET

#### **Seminar:**

1. Attended GUJCOST Sponsored one day Symposium on “Recent Advances in IoT with Bigdata Analytics using Machine Learning Approach” organized by Computer Engineering Department in association with ISTE chapter, ADIT on 06-10-2018
2. Attended one day faculty development program on industrial practices on software development organized by IT department in association with ISTE chapter, ADIT, 25-03-2017

3. Attended 22<sup>nd</sup> ISTE state annual faculty convention 2017 and national conference on “Engineering Innovation for social and Environmental Development” organised by ISTE Gujarat section and ADIT on 30<sup>th</sup> December, 2017
4. Participated in Halla Bol Session 2 , An awareness generation drive for women safety security self-defence, cyber safety, drug free and healthy life on 10<sup>th</sup> August, 2016 at ADIT
5. One day symposium on women empowerment program organized by CWDC of MBICT in collaboration with ADIT, SMAID and IICP, sponsored by GUJCOST on 15<sup>th</sup> March, 2016.
6. One day regional seminar on “XXI Century Priorities in Technical and Higher Education” organized by Charutar Vidya Mandal in association with ISTE Gujarat Section and GTU on 3<sup>rd</sup> August 2011.
7. One day seminar on “Engineering Optimization – A Tool for Research organized by ISTE Chapter, GCET, Vallabh Vidyanagar on 9<sup>th</sup> September 2008. ”
8. One day symposium on “Excellence in Technical Education through Innovation” on 20<sup>th</sup> October, 2007 at Birla Vishvakarma Mahavidyalaya.
9. Attended 11<sup>th</sup> Annual ISTE Gujarat Stat Convection on “Challenge of GATS before domestic-public and private-technical education providers in India” organized by ISTE chapter, C. U. Shah College of Engineering and Technology, Wadhwan City on 25<sup>th</sup> November, 2006.
10. Attended one day seminar on “AI and Soft Computing” at A. D. Patel Institute of Technology, New Vallabh Vidyanagar on 24<sup>th</sup> September 2006.

Extra:

1. Worked as a member of registration committee in 22<sup>nd</sup> ISTE state annual faculty convention 2017 and national conference on “Engineering Innovation for social and Environmental Development” organised by ISTE Gujarat section and ADIT on 30<sup>th</sup> December, 2017
2. Worked as member of registration committee of alumni meet 2017 held at ADIT on March 2, 2017.

#### **OTHER RESPONSIBILITIES:**

Member of Review Committee for International Conference on Intelligent Systems and Signal Processing (ISSP-2013), Organized at GCET.

NBA: Review Member of Teaching Learning Process to meet the Curriculum Requirements.

#### **Academic Responsibility and achievements:**

Guided dissertation of PG

Guiding projects of many final year students of B.E.

Conduction lectures and practical in various subjects at UG level of following subjects:

Compiler Design, System Programming, Parallel Processing, Computer Graphics, Advanced Computer Organization, Operating System, Database Management System, Computer Programming and utilization, Computer Networks

Guided winning team of Smart India Hackathon 2017

Guided winning team of Shree Devang Mehta IT Awards- 2017 and 2019

Guided winning team of Smart Gujarat Hackathon 2018

Guided top 5 team of EnginX'18

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**PROFESSIONAL SOCIETY MEMBERSHIP:**

Life membership of ISTE: LM59507

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**PERSONAL INFORMATION:**

Permanent Address : B-12, GCET Staff Quarter,  
Near GCET College,  
Besides GCET Girls Hostel,  
Bakrol Road, Vallabh Vidyanagar-388120  
Dist. Anand

Mobile No : +91-9979270920

E-mail Address : [ce.gopi@adit.ac.in](mailto:ce.gopi@adit.ac.in)

Date of Birth : 08/06/1985

Nationality : Indian

Language known : English, Hindi, Gujarati