

Curriculum Vitae

Vatsal H. Shah

Assistant Professor,
Information Technology Department,
B. V. M. Engineering College,
V. V. Nagar -388120



OBJECTIVE:

To contribute the organization with best individual efforts in achieving organization goals. And to have continuous self development by way of learning and exposure through new assignments.

Education

Qualification: Master of Computer Engineering
College: Birla Vishwakarma Mahavidhyalaya Engineering College
University: Gujarat Technological University

Results:

<u>Examination</u>	<u>Board/ University</u>	<u>Year</u>	<u>Percentage (CPI)</u>
Ph.D. (Comp. Sci. & Eng.)	M.S.U.	2015(Starting)	Pursuing
M.E. (Comp. Eng.)	G.T.U.	2012	8.76 (CPI)
B.E. (Comp. Eng.)	S.P.U	2010	8.56 (CPI)
H.S.E.	G.S.H.E.B.	2006	85.20
S.S.C.	G.S.E.B	2004	84.14

Technical Skills

O.S.	Windows 2k/XP/7, Linux
Language	JAVA , C/ C++, Assembly Lang (8085,8086, 8051), SQL, PL/SQL, Visual Basic,

Academic Experience

Total Experience : 4 Years 9 Months

<u>Institute</u>	<u>Position</u>	<u>Duration</u>
B.V.M Engineering College	Visiting Lecturer	19 th July 2010 to 14 th March 2011
B.V.M Engineering College	Adhoc Lecturer	15 th March 2011 to 20 th July 2012
B.V.M Engineering College	Assistant Professor	21 st July 2012 to till date

Area of Interest

- 1) Distributed Operating System
- 2) Real Time Operating System
- 3) System Programing
- 4) Compiler Design

Personal Skill

Comprehensive problem solving abilities. Willingness to learn, Spiritual, Punctual, Enthusiasm

Paper Presented / Published:

International Publication

Sr. No	Title	Name Of Journal	Vol. And Number Of Journal And Year Of Publication	Types
1	Load Balancing By Process Migration In Distributed Operating System	IJSCE-2012	ISSN: 2231-2307, Volume-2, Issue-1, March 2012	International Impact Factor:1.00

2	Load Balancing Algorithm By Process Migration In Distributed Operating System	IJCSITS-2012	ISSN: 2249-9555	International Impact Factor:0.3
3	Implementation Of Classification Using Association Rule	IJETCAS-2013	ISSN No.2279-0047	International Impact Factor:1.00
4	Image Processing Techniques For Detection Of Leaf Disease	IJARCSSE-2013	ISSN-2277 128x Vol.-3 Issue-11 Nov- 2013	International Impact Factor:2.08
5	Comparison Of Various Association Rule Mining Algorithm On Frequent Item Sets	IJARCSSE-2013	ISSN-2277 128x Vol.-3 Issue-11 Nov- 2013	International Impact Factor:2.08
6	Process Division And Migration Based Load Balancing For Distributed Operating System	IJARCSSE-2013	ISSN-2277 128x Vol.-3 Issue-12 Dec- 2013	International Impact Factor: 2.08
7	Review Of Three Categories Of Finger Print Recognition	IJCSERD-2013	ISSN Print: 2248-9363 ISSN Online: 2248-9371 <u>Volume 3, Number 3</u> <u>(August-December 2013)</u>	International Impact Factor:4.94
8	Study Of Recursive And Iterative Approaches Of Fibonacci Algorithm	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 1, February 2014	International Impact Factor: 3.134
9	A Survey Of Color Model	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
10	An Approach For Fingerprint Recognition Based On Minutia Points	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
11	Reviews Of Virtual Reality And Computer World	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
12	Reducing Computational Time In Ray Tracing	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
13	Visualization 2d-To-3d Photo Rendering For 3d Displays	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
14	Pca And Kpca Algorithms For Face Recognition – A Survey	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
15	Handwritten Character Recognition	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
16	Survey Of Line Clipping Algorithm In Computer Graphics	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
17	Detection Of Cotton Leaf Curl Disease	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
18	Techniques For Facial Expression Recognition In Computer Graphics	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
19	Image Metamorphosis Using Mesh Warping And Field Morphing	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	International Impact Factor: 3.134
20	Product Recognition Api	IJAERD	E-ISSN: 2348-4470	International Impact

		2014	Print-ISSN:2348-6406 Volume1,Issue 4, April 2014	Factor: 3.134
21	Effect Of Small Disturbances On Inter-Connected System	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 3, April 2014	International Impact Factor: 3.134
22.	Leaf Disease Detection Using Image Processing And Neural Network	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 6, June 2014	International Impact Factor: 3.134
23.	Improve Fingerprint Recognition Using Both Minutiae Based And Pattern Based Method	OJCST 2014	ISSN : 0974-6471 Online ISSN : 2320-8481 Volume 7, No 1 August 2014	International Impact Factor: 3.48
24.	An Overlook Of Coin Word Virtualization And Snapshot	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 10, Nov 2014	International Impact Factor: 3.134
25.	Comparative Study On Ipv4 And Ipv6 Internet Protocol	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 10, Nov 2014	International Impact Factor: 3.134
26	A Study On Process Migration Algorithms	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 10, Nov 2014	International Impact Factor: 3.134
27	A Survey On Hadoop File System	IJIERE 2014	E-ISSN: 2394-3344 Volume1,Issue 1, Nov 2014	International Impact Factor: 0.6
28	Image Based Steganography Review Of Lsb And Hash-Lsb Techniques	IJAERD 2014	E-ISSN: 2348-4470 Print-ISSN:2348-6406 Volume1,Issue 11, Nov 2014	International Impact Factor: 3.134
29	Hadoop Hive Data Warehousing System – A Review	IJIERE 2015	ISSN(Online): 2394 - 3343 ISSN(Print):2394 – 5494 Volume 2, Issue 2, Feb 2015	International Impact Factor: 2.009
30	A Survey On Facial Expression Reorganization From Video	IJARCSSE	ISSN: 2277 128x Volume 5, Issue 2, Feb 2015	International Impact Factor: 2.5
31	Different Process Migration Techniques For Load Balancing In Distributed Operating System	IJIERE 2015	ISSN(Online): 2394 - 3343 ISSN(Print):2394 – 5494 Volume 2, Issue 2, Feb 2015	International Impact Factor: 2.009

National Publication

1.	A Survey Paper On Enhancing Functioning Of Wireless TCP in Cellular Network	NCRTET-2011 13-14 May
2.	A Survey Of Load Balancing Algorithm In Distributed Operating System	NCAET-KALOL MARCH-2012

STTP/Workshop/Seminar Attended:

Sr No	Topic	STTP/Workshop/Seminar	Department	Date
1	Introduction to Research Methodologies	Workshop	IIT Bombay, R.C.- BVM,VV nagar	June 25th, 2012 to July 4th, 2012
2	Aakash for education	Workshop	IIT Bombay, R.C.- BVM,VV nagar	10-11 Nov 2012
3	2-Day ISTE Workshop On Research Methods In Educational Technology	Workshop	IIT Bombay, R.C.- BVM,VV nagar	2 nd Feb 2013,9 th feb 2013

4	LaTeX - Workshop	Workshop	ET Department, BVM	23.02.2013
5	Network Simulator using ns2	Workshop	BVM	March 2013
6	Hardware Virtualization	Workshop	IT Department, CHARUSET, Changa	April 12 & 13, 2013
7	TWO-WEEK ISTE WORKSHOP On Database Management Systems	Workshop	IIT Bombay, R.C.- BVM,VV nagar	21-31 May 2013
8	Advanced Computing & Big Data	Workshop	IT Department, CHARUSET, Changa	21-23 Nov 2013
9	Two Week ISTE Main Workshop on Computer Programming	Workshop	IIT Bombay, R.C.- MBICT,VV nagar	16-21 June 2014
10	STTP on linux and its application	STTP	ET Department, BVM	23-27 June 2014
11	Computational Complexity- Theory and Application	Workshop	IT Department, CHARUSET, Changa	7-8 Nov 2014
12	Computer Algorithms & Applications	One Week STTP	CP Department. BVM	29dec 2jan 2015
13	Introduction to Design of Algorithms	Two Week STTP	IIT Kharagpur, R.C.- MBICT,VV nagar	27 th April to 30 th May 2015
14	Free & Open Source Software in Engineering Applications (FOSSEA 2015)	Two Week STTP	CP Department. BVM	15-27 July 2015

ACHIVMENTS

- Technical Team Member of two week STTP on “**Free & Open Source Software in Engineering Applications (FOSSEA 2015)**” organized by CP Dept, BVM from 15th to 27th July, 2015
- Had Conducted one day workshop on “**Computational complexity of Algorithms**” at IT Dept, BVM on 17th March, 2015
- **Guided a Ph.D. Student**, ISTAR for making “**Decision Support Tool**” required for natural spill remediation prediction with effect from 1st November, 2014
- Had Organized and Presented Technical seminar cum workshop on “**DISTRIBUTED OPERATING SYSTEM**” on 25th August, 2014 at KJIT, Savli
- Had Conducted one day workshop on “**Linux Installation & Fundamentals**” at IT Dept, BVM on 10th October, 2014

PERSONAL DETAILS

Permanent Address	7, Shrinath Krupa, Yamuna Park Society, B/H Big Bazar, V. V. Nagar Road, Anand
Date of Birth	24 th August 1989
Religion	Hindu
Languages Known	English, Hindi & Gujarati
Hobbies	Reading, Spiritual Activities, Playing games