

## CURRICULUM VITAE

Dr. VIPUL VEKARIYA

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### PROFESSIONAL PROFILE

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- Accomplished career demonstrating consistent success as an Administrator and Educator at the engineering education levels. Outstanding track record in assuring student success.
- Seasoned in conceiving and building programs from the ground up through proven competencies in grant writing and administration, project and program management, and staff development and empowerment.
- Extensive background of developing and implementing special programs for at-risk and special needs students, racially and ethnically diverse populations, and second-language learners.
- Effective communicator with excellent planning, organizational, and negotiation strengths as well as the ability to lead, reach consensus, establish goals, and attain results.

### EDUCATION

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- **PhD in Computer Science & Engineering** from Gyan Vihar University, Jaipur in May-2013.
- **M.E. in Computer Engineering** from Dharmsinh Desai University, Nadiad with 60.16% in July -2007.
- **B.E. In Computer Engineering** from Atmiya Institute., Saurashtra University, Rajkot with 68.00% in May-2004.
- H.S.C. Gujarat Higher Secondary Board Education 87.00% in March-2000.
- S.S.C. from GSEB board with 68% in March-1998. .

### ACADAMIC AWARDS AND HONOURS

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- Received a Pedagogical innovation award (PIA) in Feb- 2015 by Gujarat Technological University – Ahmedabad.
- Honors as Best faculty award by Management & Director in year 2016 at Noble Group of Institute.
- Honor as Man of Event for successful organization of national Conference in recent trend in technology since 2 years.

## **ACADAMIC & TEACHING EXPERIENCE (14 Years)**

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- I am working as a Principal in Noble Engineering College since December 2017.
- I am working as a Vice- Principal & Professor in Computer Engineering and Information Technology Department at Noble group of Institutions at Junagadh from May -2013 to Dec 2017.
- I have worked as a Head of the department computer engineering at Faculty of Engineering, Marwadi Education Foundation Group of institutions, Rajkot for 3 years.
- I have worked as a Head of the department in Information technology and computer science & engineering at B.H. Gardi College of Engineering and Technology, Rajkot for 2 years.
- I have worked as a Head of the department in Information technology and Computer Engineering at R.K College of Engineering and Technology Rajkot for 2 year.
- I have worked as a Lecturer at Atmiya Institute of technology and science Rajkot for 2 year.

## **COURSE TAUGHT**

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### **Undergraduate**

- Operating System
- Computer Programming –I
- Computer Programming –II
- Management Information System
- Advanced Software Development
- System Analysis and design
- Database Management System
- Software Engineering
- Computer programming and utilization

### **Postgraduate**

- Internet Technology
- Data mining and warehousing
- Computer Algorithm
- Cloud computing

## **RESEARCH EXPERINCE**

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- Approved Ph.D. supervisor for computer engineering at Gujarat Technological University – Ahmedabad.
- Approved Ph.D. supervisor for computer engineering at C.U.Shah University Wadhawan.
- Approved Ph.D. Supervisor for computer engineering at Rai University Ahmmedabd.
- Research Thesis Assessed/Referred:
  - 1) Ph.D. – 03
  - 2) M.Tech – 30 (For Gujarat Technological University).
- Students Guided:
  - 1) Ph.D. – 04 ( Pursuing)

2) M.Tech –40 (Degree Awarded)

### **BOOK PUBLISHED**

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- A Recommender system: Social Network for Business in Scholar's Press. ISSN : 978-639-71382-4

### **CONTRIBUTION IN INSTITUTE & STUDENT DEVELOPMENT**

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- Worked as a convener of National Conference (NOBCON) at Noble group of institutions since 2 years.
- I am working as an ICT coordinator in institute for development of IT infrastructure in Campus.
- Planned and trained Faculty members for different digital tool for improving in Teaching learning Process. ( Like Google Classroom, Canvas, Google Form, Kahoot, Class Dojo)
- Working as a coordinator of IIT Bombay Remote Center at Institute and Funded by MHRD.
- Working as a coordinator of Open source technology club associated with IIT Mumbai & GTU- Ahmedabad.
- Working as a coordinator of CISCO academy and Oracle academy for students associated with CISCO and oracle.
- Worked as a convener of NASCOVIP -2012 at Marwadi Education foundation Rajkot Associated with IEEE Gujarat Section.
- Worked as a convener of Mission 10x by Wipro at Marwadi Education foundation Rajkot Associated with IEEE Gujarat Section.
- Worked as convener of Object oriented programming with JAVA workshop at Marwadi Education foundation Rajkot Associated with IEEE Gujarat Section.
- Working as an Editorial board member of international conference on international conference on information, knowledge and research in engineering management & sciences since 2011.
- Arranged industrial visit for students in different MNC companies like Infosys, Cognizant, BISAG- Gandhinagar, and Gateway Ahmedabad etc...

- Worked as coordinator of national level workshop & competition on ethical hacking & cyber security associated with IIT Mumbai.

### **STTP & WORKSHOP ATTENDED**

1. Attended one day orientation workshop for remote center coordinators at IIT Bombay.
2. Attended Four week STTP on online use of ICT in Education for online and blended Learning by IIT Bombay.
3. Attended one week STTP Mission 10x by wipro at R.K. College of Engineering & Technology.
4. Attended 2 week ISTE workshop on computer programming at Nirma University.
5. Attended 2 week STTP on database management system at R.K. College of Engineering & Technology.
6. Attended one week STTP on on web service and service oriented computing at Nirma University, Ahmedabad.
7. Attended 3 days' workshop on emerging research topic in engineering at DAIICT – Gandhinagar.
8. Attended 3 days' workshop on data warehouse and data at CHARUSAT – Changa.
9. Attended 2 days seminar on computer vision and image processing at Marwadi Education Foundation Rajkot.
10. Participated in one day workshop on LINUX & Networking, Security at DDIT-Nadiad.
11. Participated in state level national workshop on Advance PHP and framework at Christ College Rajkot.
12. Participated in two days' workshop on Advance .Net at C.U.Shah Engineering College ,Wadhawan.
13. Completed 1 Month training on oracle database (SQL introduction, Administration Workshop-1, Administration Workshop –II) at Oracle Training Centre.
14. Participated in 14<sup>th</sup> international conference on management of data (COMAD-2008) at IIT – Mumbai.
15. Participated in national conference on High computing technologies at atmiya institute of technology & Science.

### **INTERNATIONAL PUBLICATION/PRESENTATION:**

1. Load balancing by hybrid approach using static and dynamic load management algorithm in cloud computing in international journal of research in electronics and computer engineering VOL. 6 ISSUE 2 APR.-JUNE 2018 ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE).
2. Security and Privacy of Data in Multi Cloud with Data Backup and Data Recovery Service in international journal of research in electronics and computer engineering

VOL. 6 ISSUE 2 APR.-JUNE 2018 ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE).

3. An Approach To Secure highly Confidential Data on Video using Data Mining in Journal of Emerging Technologies and Innovative Research July 2018, Volume 5, Issue 7.
4. Novel Approach for Image steganography Using Classification algorithm presented at 2<sup>nd</sup> international conference on inventive system and control in Jan -2018. Paper published in IEEE explorer.
1. A review on security and privacy of data In multi cloud with data backup and data recovery in journal of information, knowledge and research in computer engineering ISSN: 0975 – 6760| NOV 17 TO OCT 18| VOLUME – 05, ISSUE – 01
2. Proposed approach for de-scattering and classification in underwater image in journal of information, knowledge and research in computer engineering ISSN: 0975 – 6760| NOV 17 TO OCT 18| VOLUME – 05, ISSUE – 01.
3. An approach to frequent itemset mining using dic & minhash technique in journal of information, knowledge and research in computer engineering ISSN: 0975 – 6760| NOV 17 TO OCT 18| VOLUME – 05, ISSUE – 01.
4. Load balancing in cloud computing by hybrid approach using static and dynamic load management algorithm in journal of information, knowledge and research in computer engineering ISSN: 0975 – 6760| NOV 17 TO OCT 18| VOLUME – 05, ISSUE – 01.
5. A framework to ensure data storage security in cloud computing to provide error localization and reduce the communication delay in journal of information, knowledge and research in computer engineering ISSN: 0975 – 6760| NOV 17 TO OCT 18| VOLUME – 05, ISSUE – 01.
6. Proposed method for privacy preservation using perturbation and cryptography in International Journal of Advance Engineering and Research Development Volume 4, Issue 11, November -2017.
7. Evolutionary Algorithm Using K-mean For Task Scheduling in Cloud Computing in International Journal of Engineering and Computer Science ISSN: 2319-7242 May -2017.
8. An Approach to Sentiment Analysis on Gujarati Tweets in Advances in Computational Sciences and Technology ISSN 0973-6107 Volume 10, Number 5 (May -2017) pp. 1487-1493.
9. A comparative study on classification algorithms for sentiment analysis in international journal for scientific research and development, Vol -4, Issue -10, Dec-2016.
10. Multi-Objective Task Scheduling using K-mean Algorithm in Cloud Computing in international journal of innovative research in computer and communication engineering, ISSN (Print): 2320 – 9798, Volume 4, Issue 11, November 2016.
11. A Framework for Secure Data Storage in Mobile Cloud Computing in Springer Science+ Business Media Singapore 2016.
12. A Dynamic Approach to Group Research Proposal and Allocate the Research Reviewer by Using TF-IDF and Clustering in International Journal of Innovative Research in Science, Engineering and Technology ISSN (Print): 2347-6710 Vol. 5, Issue 5, May 2016.
13. Incremental Association Data Mining Using Quick sort and Searching Approach in International Journal of Innovative Research in Science, Engineering and Technology ISSN (Print): 2347-6710 Vol. 5, Issue 5, May 2016.

14. Design & Analysis of Purchasing Behaviour of Customers in Supermarkets using TRFM Model of Data Mining in Science, Engineering and Technology ISSN (Print): 2347-6710 Vol. 5, Issue 5, May 2016.
15. Heart Disease Prediction for Decision Tree Algorithm in International Journal of Engineering Science and Computing, ISSN 2321 3361 May 2016
16. Evolutionary Algorithm Based Multi- Objective Tasks Scheduling Algorithm in Cloud Computing in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering ISSN (Print): 2320 – 3765 Vol. 5, Issue 4, April 2016.
18. Analysis of Buying Behaviour of Customers in Supermarkets using Data Mining TRFM Model in International Journal of Innovative Research in Computer and Communication Engineering , ISSN -2320-9798, Volume -3, ISSUE -8, AUGUST-2015.
19. A Novel Approach To Group Research Proposal And Allocate The Research Reviewer By Using Text-Mining And Clustering in International Journal of Innovative Research in Computer and Communication Engineering , ISSN -2320-9798, Volume -3, ISSUE -8, AUGUST-2015.
20. Incremental Association data mining using quick sort and searching approach in international journal of innovative research in computer and communication engineering, ISSN: 2320-9798, Volum-3, Issue -10, October -2015.
21. Novel Approach for Heart Disease Prediction Using Decision Tree Algorithm in international journal of innovative research in computer and communication engineering, ISSN: 2320-9798, Volum-3, Issue -10, October -2015.
22. Published research paper in international journal of advance engineering and research development with title third party identify diffuser technique for the private location based query. ( June-2015)
23. Published research Paper in Indian journal of applied research with title private location based query using third party identity diffuser. (December -2014)
24. Published research paper in Indian journal of research with title personalized web search. (March -2015) Research Paper presented with title “Design an architecture to preserve privacy of data on cloud for mobile users” at ICTCS-2014 at sunrise group of institutions Udiapur.
25. Research Paper presented with title “Hybrid Recommender system: survey and experiments” in International conference (DICTAP-2012) at Bangkok, Thailand.
26. Research Paper presented with title “Hybrid recommender systems: Content boosted collaborative filtering for improved recommendation” in international conference (CSNT-2012) at Rajkot.
27. Research Paper presented with title “Collaborative Filtering: Peer to Peer Recommendation in Network” in International conference at VVP college Rajkot.
28. Research paper published with title “Rule Extraction from Neural Network : Comparison with decision tree rule” in International Journal of Intelligent Information Processing Volume 4, Number 1, January-June 2010, pp. 5-11.
29. Research paper published with title “Building profitable Customer relationships with data mining” in international conference GVICOM-2010 at Gardi vidyapith, Rajkot.
30. Research Paper presented with title “The recommender system in e-commerce” in International conference at VVP Engineering College Rajkot.
31. Research Paper presented with title “Usage of Multi Agent of E-Commerce in Data mining System” in International conference at Bharad Engineering College Rajkot.

32. Research Paper presented with title “Analysis of multi agent distributed data mining model depends upon algorithm, task prediction and load balancing” in International conference at Bharad Engineering College Rajkot.
33. Research Paper presented with title “A novel approach on high speed network data stream based on queue NIC and core processor” in International conference at Bharad Engineering College Rajkot.

#### **NATIONAL PUBLICATION/PRESENTATION:**

1. Paper presented with title ‘Implementation of IOT and image processing in smart Agriculture, in NCRTEMPAS -2017 in March 2017.
2. Paper presented with title ‘Security threads and counter measure in data storage on mobile computing’, in NCRTEMPAS -2017 in March 2017.
3. Research paper presented with title “Rule extraction from neural network” Presented in NUCON-2009 at Nirma University.
4. Research paper presented in NCAC-2009 at GCET- Vallbhvidyanagar.

#### **PERSONAL INFORMATION**

Name : - Vekariya Vipul Manasukhbhai  
Date of Birth : - 9<sup>th</sup> June. 1983  
Age : - 35Yrs  
Nationality : - Indian (Hindu)  
Language Known : - English, Hindi, Gujarati  
Hobbies : - Playing Cricket, listening Music, Reading  
Address : - “Shri-Darshan”, Keshav Reidency, Block No -13, Near Astha Residency, 150 Ft. Ring Road , Rajkot -36004

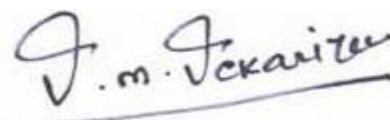
#### **REFRENCES**

Dr. S. B. Jadeja  
Principal,  
Gardi Vidyapith,  
Rajkot.

Dr. P.P.Kotak  
Principal,  
Government Polytechnique,  
Rajkot.

**Date: 27-11-2018**

**Place: Junagadh**



**Dr. Vekariya Vipul**