

## CURRICULUM VITAE

### **Prof. Priyanka Dashrathsinh Puvar**

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#### **Fields of Research Interest:-**

Data mining, Machine Learning, Deep learning, Artificial intelligence.

#### **Academic Experience:- Total 15 years**

Currently working as an Assistant professor in the Department of Computer Engineering, A. D. Patel Institute of Technology, New V. V. Nagar, GIDC, Karamsad, 388121.

#### **Education Qualification:-**

Education	University/Board	College Name/ School Name	Year of Passing	Class
M.E. (Computer Engineering)	Sardar Patel University	Birla vishvakarma mahavidyalaya	2010	First Class
B.E. (Computer Engineering)	Sardar Patel University	A D Patel Institute of Technology	2006	First Class
H.S.C.	G.S.H.E.B.	Kisan Madhyamik Vidyalaya	2002	Distinction
S.S.C.	G.S.E.B.	Kisan Madhyamik Vidyalaya	2000	Distinction

#### **Technical Skills:-**

<b>Language</b>	:	C, C+, JAVA, Python
<b>Database</b>	:	Microsoft SQL Server
<b>Operating Systems</b>	:	Window XP, MS DOS
<b>Subject Taught</b>	:	1. OOP with JAVA 2. Computer Networks 3. Distributed Systems 4. Computer Programming and Utilization 5. Artificial Intelligence 6. Image Processing
<b>Software</b>	:	1. Ms Office 2. Turbo C 3. Prolog 4. MATLAB 5. Tableau

### **Noteworthy UG level projects mentored:-**

1. *“Licence controlled smart car”*, 1st rank project at Gujarat Industrial Hackathon 2019 in PSU section. Prize money worth 50,000.

### **Professional Membership:-**

1. Institute of Electrical and Electronics Engineers(IEEE)
2. Indian Society for Technical Education (ISTE)

### **University Duties:-**

1. Worked as Observer Member and External Examiner for GTU- UG
2. Worked as External Examiner for Charusat University – UG.
3. Worked as External Examiner for P P Savani university- UG.

### **Academic administration at ADIT:-**

1. Departmental Library member for ISO process during A.Y. 2013-14 & 2014-15
2. Relationship with stake holder process team member for ISO process during A.Y. 2013-14, 14-15, 15-16 and 16-17
3. Lab. In-charge of Data & knowledge Engineering laboratory during A.Y. 2013-14, 14-15, 15-16
4. Member of Purchase committee for the research project since A. Y. 2016-17 till date
5. Working as a Departmental time-table committee member since A.Y. 2016-17 till date
6. Member of Registration committee in 22<sup>nd</sup> ISTE state Annual Faculty convention 2017 held on 30<sup>th</sup> December 2017
7. Organized Workshop on “Flash and HTML Game Development” on 13<sup>th</sup> sept. ,2013
8. Organized Seminar on “Facebook investigation and ethical hacking” on 13<sup>th</sup> Feb., 2014
9. Organized an Industrial Visit at 360 degree, Ahmedabad on March, 2014
10. Coordinated workshop on “Game development using Flash and HTML 5” during 14<sup>th</sup> to 15<sup>th</sup> Sept,2013
11. Organized workshop on “Big data and Hadoop” on 16<sup>th</sup> April,2014
12. Judged an event named as “Quizomaniac” - Technical Quiz (for Level 1 & 2) in Zero’15
13. Coordinated an event during Tech-Nix’ 15
14. Coordinated event called “Desktop Greek” – Windows Desktop Competition in spectrum 16
15. Coordinated Zodiac event Spectrum 16
16. Coordinated Expert talk on Networking with JAVA on 8<sup>th</sup> Oct,2015
17. Coordinated 48<sup>th</sup> Engineer’s Day celebration on 15<sup>th</sup> Sept, 2016
18. Organized an Industrial visit at collabera,Vadodara on 25<sup>th</sup> sept, 2015
19. Organized Workshop on “Design Engineering 1-B” on May 9, 2016
20. Organized Workshop on “Virtual Reality” on July 23, 2016
21. Organized Seminar on “IoT and Big Data” on July 20, 2016
22. An Industry Visit for Third Level Students was held at RTTC – BSNL, Ahmedabad on September 8, 2016
23. Conducted a session on soft skill development on 6/8/16
24. Conducted an expert talk on “GD and PI preparation” on 27/8/16
25. Coordinated 49<sup>th</sup> Engineer’s Day celebration on 15<sup>th</sup> Sept, 2016
26. Coordinated mock personal interview session for 4<sup>th</sup> level students on 10/9/16
27. Coordinated Alumni Meet celebration on 2<sup>nd</sup> March, 2017
28. Coordinated Spoken Tutorials sessions during sem1-2016-17
29. Coordinated a workshop on “VR workshop” March,2017
30. Coordinated Ambedkar Jayanti celebration department level on 17<sup>th</sup> April 2017
31. Guided students for participating in project titled as “smart chair for old aged people” in NIYANTRA,17 competition- May 2017
32. Committee member of Mahatma Gandhi Jayanti celebration-2017 on 7<sup>th</sup> Oct, 2017

33. Coordinator of Co-curricular activities of "Mahatma Gandhi House-ADIT"
34. Team Co-Lead for Management of Computing Resources & Software Installations

#### **External academic services:-**

1. Judged public speaking session on 9/10/15 at ADIT
2. Judged an event called "SCRIBBLED" on 5<sup>th</sup> April, 2013 at MBICT
3. Judged an event called "WWW" on 24<sup>th</sup> March, 2015 at MBICT
4. Judged "poster making on road safety" on 9<sup>th</sup> Jan,2020 at ADIT

#### **Community Services:-**

1. Polling officer at Anand municipality election, November 2015

#### **Self-development activities:-**

1. Attended 2-week ISTE workshop on "Database Management Systems" conducted by IIT Bombay during 21<sup>st</sup> -31<sup>st</sup> May,2013
2. Participated in one day regional workshop on GIS Technology & Applications at ISTAR on 21<sup>st</sup> Sept, 2013
3. Participated in International Conference on "Women in science & Technology : Creating sustainable career" during 28<sup>th</sup> to 30<sup>th</sup> Jan, 2016
4. Attended GUJCOST sponsored one day national symposium on "Internet of Things" on 15<sup>th</sup> Feb,2016
5. Attended FDP on Design Engineering 15<sup>th</sup> July, 2016
6. Attended Halla bol session-2 on 10<sup>th</sup> Aug, 2016
7. Attended Pre-conference workshop on "Internet of Things Using ARM Cortex M4 Tiva MCU" on 23<sup>rd</sup> March, 2017 at GCET
8. Attended One Day Faculty Development Program on "Industrial Practices on Software Development" held on 25<sup>th</sup> March 2017.
9. Attended FDP at Infostretch corporation, Ahmedabad from 12<sup>th</sup> June to 16<sup>th</sup> June 2017
10. Attended one day FDP on Design Engineering on 15<sup>th</sup> July, 2017
11. Mentored group of students for design competition organized by IEEE women in Engineering on 8<sup>th</sup> March, 2017
12. Attended STTP on " Machine Learning and its applications" during 18<sup>th</sup> to 23<sup>rd</sup> Dec,2017 at BVM
13. Attended 22<sup>nd</sup> ISTE State Annual Faculty Convention 2017 held on 30<sup>th</sup> December 2017.
14. Attended one week FDP on "Enhancing Verbal communication of the faculty" during 18<sup>th</sup> June to 23<sup>rd</sup> June 2018
15. Participated in Brainstorming session on " how to write a research proposal?" on 25<sup>th</sup> June,2018
16. Attended KIA workshop on Team creativity on 7<sup>th</sup> Sept, 2018
17. Attended one day symposium on "Recent Advances in IoT with Big-data Analytics using Machine Learning Approach" on 6<sup>th</sup> Oct,2018
18. Attended 6-days workshop on "Deep learning for visual computing" at CHARUSAT UNIVERSITY during 17<sup>th</sup> to 22<sup>nd</sup> Dec, 2018
19. Participated in Women's day celebration at ADIT on 8<sup>th</sup> March, 2019
20. Participated as a mentor in GUJARAT INDUSTRIAL HACKAHON 2019 at PDPU, Gandhinagar during 6<sup>th</sup> – 7<sup>th</sup> April 2019
21. Attended 1 week GUJCOST sponsored STTP on "EF-IOT: recent advances in edge and fog computing for internet of things" during 10-15 june, 2019 at ADIT.
22. Completed online Tableau 10 A-Z : Hands-on Tableau training for Data Science offered by Udemy on 5<sup>th</sup> Sept, 2018

## List of Publications:-

- 1 Chauhan, I., Puvar, P. D., Prajapati, B. P., & Patel, K. (2014). DETAILED STUDY OF AGGREGATOR FOR UPDATES, International Journal of Research in Engineering and Technology, 03(01), 302-304.
- 2 Singh, G., Pandya, R., Prajapati, B. P., & Puvar, P. D. (2014). Social Web Data Mining and Knowledge Discovery, International journal of advanced research in computer science and software engineering, 03(04), 1-9.
- 3 Dhawani, R., Shukla, M., Prajapati, B. P., & Puvar, P. D. (2015). A Novel Approach to Web Scraping Technology, International Journal of Advanced Research in Computer Science and Software Engineering, 05(05), 747-750.
- 4 Naik, M., Ahir, F., Prajapati, B. P., & Puvar, P. D. (2015). Automated Text Categorization of Advertisemnets, International Journal of Advanced Research in Computer Science and Software Engineering, 05(05), 600-603.
- 5 Hingu, S., Prajapati, B. P., & Puvar, P. D. (2015). Automatic Image Mosaicing using Harris Corner Detector, International Journal on Recent and Innovation Trends in Computing and Communication, 03(06), 4388-4391.
- 6 Patel, M., P., Prajapati, B. P., & Puvar, P. D. (2015). Research Directions on Cloud Computing: Infrastructure Cloud and Performance, ADIT Journal of Engineering, 12(01),
- 7 Puvar, P. D. & Prajapati, B. P., (2016). , Review of Data Mining Techniques and its application areas, ADIT Journal of Engineering, 13(01), 48-52.
- 8 Dave, V., Shah, D., Suthar D., Prajapati, B. P., & Puvar, P. D. (2017). Sentiment Analysis of Tourists Opinions of Amusement, Historical and Pilgrimage Places: A Machine Learning Approach, International Journal of Computer Trends and Technology, 46(02), 51-55.
- 9 Gajaria, K. K., Bhanushali, B., Jani, A., Puvar, P. D. & Prajapati, B. P.,(2018). Bluetooth low energy based fingerprinting, International Journal of Scientific Research in Science, Engineering and Technology,4-5.

## Papers presented in conferences:-

1. Tajpara, D., Patel, M., P., Hingu, S., Prajapati, B. P., & Puvar, P. D. (2017). Novel approach of Virtual reality to Simulate residential buildings and it's interior, SIEICON-2017.
2. Vohra, S., Gohil, A., Shah, P., Prajapati, B. P., & Puvar, P. D. (2017). Crop yielding prediction applying regression: forecasting wheat/rice yield for anand district, SEICON-2017.
3. Kumbhani, S., Mohile, Z., Patel, A., Prajapati, B. P., & Puvar, P. D. (2017). A framework to implement business intelligence tool to optimize output from oil drilling operation, SIEICON-2017.
4. Pradhan N., Thakor M., Dhanani L., B. P. Prajapati., & Puvar, P. D. (2017). Pattern variability analysis of soil parameters of Vadodara district using clustering technique, International conference on intelligent system and signal processing. GCET, V.V. Nagar.