

PATEL MOSAM PANKAJBHAI
B.E-M.E- Computer Engineering

Career Objective

To make the best of my knowledge and upgrade it.

Online Courses Taken

Sr. No	Course Name	Completion Date	Platform
1.	Python for Data Science	Dec-2020	NPTEL-Swayam
2.	Applied Natural Language Processing	Dec- 2020	NPTEL-Swayam
3.	Python for Data Science & Machine Learning Bootcamp	9/5/2020	Udemy, Inc
4.	Machine Learning A-Z- Hands on Python	22/5/2020	Udemy, Inc

Educational Qualifications

Degree	Name Of Institute	Board/ University	Year Passed	Marks
SSC	BRIGHT SCHOOL (English Medium)	G.S.E.B	2001	87%
HSC	BRIGHT SCHOOL (English Medium)	G.H.S.E.B.	2003	67%
B.E(Computer Engineering)	Sardar Vallabhbai Patel Institute of Engg. & Tech.	GUJARAT UNIVERSITY	2007	59%
M.E(Computer Engineering)	Parul Institute of Engg. & Tech.	GTU	2014	8.31 CPI

Experience

Designation	Organization Name / Place	Tenure
Senior Instructor	Computer Applications Dept, MSU, Vadodara	Jul 2007-Jul 2012
Visiting Faculty	Computer Applications Dept, MSU, Vadodara	Jul 2012- Dec 2013
Assistant Professor (Adhoc)	MBICT, V.Vidhyanagar, Anand	Jun 2015- Apr 2018
Assistant Professor (Adhoc)	Bits edu campus, Varnama	Jun 2018 – Jun 2019
Assistant Professor	CSE Dept, Parul University	Jun 2019 – Sept 2022
Assistant Professor	SOT, GSFC University	Sept 2022 – Till Date

Expertise/Skills

Technology / Software Skills: Python, C#.Net, Asp.Net, MVC, LINQ, JQuery, Javascript, Xml, Ajax, Sql/Plsql, Html, Core java, N-Tired Architecture Applications.

Database: MS Sql Server, MySql, MS Access, Oracle.

Topics of interest: Data Science, Machine Learning, Natural Language Processing, Pattern Recognition, Artificial Intelligence, Data Mining, Prediction, Classification, Dot Net Technology, Database Management, Information & network Security, Web Technologies..

Dessertation/Research Details

MTech Dissertation Topic : Improving Efficiency of Hybrid Fuzzy-Neuro Model for Credit Risk Analysis using Rule Pruning. (Tools Used- Weka, Rapidminer, Eclipse (Java))

Research Area: NLP + Knowledge Graphs

Reasearch Publications :

1) “Efficiency and time complexity improvement of hybrid fuzzy-neuro model using rule pruning” published in the International Journal of Software & Hardware Research in Engineering ISSN No: 2347- 4890(Online) for May 2014 VOLUME 2 ISSUE 5.

2) “Various Rule pruning techniques and Accuracy Measures for Fuzzy Rules” published in the International Journal of Application or Innovation in Engineering and Management ISSN No. 2319 – 4847 in Volume 2, Issue 12, December 2013.

3)“Review on the Applications of Hybrid Techniques for Credit Risk Analysis” presented in the 5 th National Conference on Emerging Vistas of Technology in 21 st Century ISBN No. 978-93-83842-29-2, pg no. 14-17, 4th -5th April 2014.

4)“Hybrid Fuzzy-Neuro Model For Credit Risk Analysis Using A Novel Rule pruning Method” published in International Journal of Innovative and Emerging Research in Engineering e -ISSN: 2394 - 3343, Vol-4, Issue-5, May 2017.

5) “An Automation to Reduce Road Traffic Accidents Using Machine Learning Techniques” Elsevier – JESTCH available at SSRN 4051654- May 2022

6) “A SURVEY ON ROAD ACCIDENT PREDICTION USING MACHINE LEARNING” published in Journal of Applied Science and Computations Volume IX, Issue III, March/2022 ISSN NO: 1076-5131.

Projects Undertaken till date:

1. Gujarat sales tax- registration and chalan generation system (vb.net - Ms Access)
2. Employee’s leave management and salary generation system (vb.net - Ms Access)
3. Rapid application (Master-Detail) development tool (Asp.net, vb.net – Ms Sql Server 2000- **Live Project**)
4. Devotee Registration and Work Assignment and Work load balancing with daily reports for Swaminarayan Temple. (Asp.net, c#.net (4.0), Ms Access, Crystal Report – **Live Project**)
5. Online student registration and admission system along with online selection of subjects. (As a Lecturer at Faculty of Science, Maharaja Sayajirao University, Baroda using Asp.net, c#.net (4.0) and SQL SERVER 2005 – **Live Project**)

Personal Profile

Date of Birth	: 29/01/1986
Gender	: Female
Nationality	: Indian
Languages Known	: English, Hindi, Gujarati