BHUMIKA TARATE

Professor / Asst. Professor

📞 +91-8160200057   @ bhumika.tarate@outlook.in   📍 Kharghar, Maharashtra, India

EXPERIENCE

Visiting Faculty

Imperial Institute of Aviation and Management

📅 02/2022 - Ongoing   📍 Kalyan, India

Imperial Institute of Aviation and Management (IIAM) is a College providing students with a strong academic focus for Undergraduate and Post Graduate programs in Aviation, Tourism, Hotel and Business Management.

- Teaching Subjects of Information Technology, Business Statistics and Management Information System.

Reporting Analyst / RF Engineer

Accord Synergy

📅 12/2017 - 06/2018   📍 Vadodara, Gujarat, India

Accord Synergy is a Telecomunications Engineering Company. The company provides Network Planning, Network Rollout, Services and Manpower for Telecom Providers in India.

- Assigned Reporting for Gujarat and Madhya Pradesh Sites
- Coallation of Information provided by various communications towers in the Region
- Creating Performance Parameters for towers in the region and creation of Coverage maps to identify blind spots and potential tower locations
- Experience with Performance Analysis of GSM, LTE and VoLTE Systems

Internet Analyst

RevoKarmaHub

📅 11/2015 - 07/2016   📍 Vadodara, Gujarat, India

- Analyzing relevance of internet web pages, entities, documents & queries meeting all data science needs.
- Excelling in data classification tasks such as products, entities, queries & sentiments
- Yielding high accuracy through data classification services

PUBLICATIONS

Parking Vacancy Monitoring with Automatic Vehicle Parking Using PLC

International Journal of Innovative and Emerging Research, Volume 2 Issue 4

Bhumika Patil, Sneha Varma and K. G. Bhuva

The aim of this project is to design and build a prototype of a parking vacancy monitoring and automated parking system which will automatically park and retrieve the vehicle without the driver and also display the parking vacancy.

EDUCATION

Masters of Engineering - Electronics and Communication

	CGPA
	8.14 / 10

Gujarat Technological University Ahmedabad

📅 2017 - 2019

Bachelors of Engineering - Electronics and Communciation

	CGPA
	7.52 / 10

Gujarat Technological University Ahmedabad

📅 2011 - 2015

SKILLS

Software

Microsoft Office   MATLAB

SCADA   InTouch

LANGUAGES

English
Proficient ●●●●○

Hindi
Native ●●●●●

Gujarati
Native ●●●●●

Marathi
Native ●●●●●

PUBLICATIONS

An Approach To Compress EEG Signal Using Wavelet Based MSPCA Algorithm

Bhumika Patel and Mayuri Prajapati

The Main objective of this paper work is based on implementing a technique to compress the EEG signal using multiscale PCA algorithm with wavelet." This paper is focuses on the technique providing expansive coverage of algorithm and tools from the field of digital signal processing.