

Mr. Bhaumik Machhi

Assistant Professor

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School: School of Technology



Research Interest:

- Wireless Sensor Network
- Computer Networks

Academic Background:

Pursuing Ph.D. from Gujarat Technological University, Chandkheda,
M.E (CSE) from Parul inst. of Engg. & Tech, GTU, Ahmedabad (2013)
B.E. (CE) from Valia Institute of Technology, V.N.S.G. University, Surat(2009)

Professional Experience:

Joined GSFC University in June 2024

- Assistant Professor/Institute placement coordinator (cell member) @ Parul Inst. of Engg. & Tech., Parul University Vadodara from 19th Dec 22 to June 2024.
- Assistant Professor & HoD CSE @ Shri Labhubhai Trivedi Institute of Engineering & Tech, Rajkot from 9th July 2014 to 10th Dec 2022.
- Assistant Professor & HoD @ Leads institute of engineering & Technology (Feb-2014 to July 2014)
- Assistant Professor @ sigma Institute of Engineering, bakrol, vadodara. (October-2010 to Jan-2014)
- lecturer @ Shri Labhubhai Trivedi Institute of Engineering & Technology (SLTIET), Rajkot. (June-2010 to October-2010)

Key Skills:

- Experience in guiding students for achieving desired placements
- Worked as a Coordinator of Hackathon & Experience in sharing ideas & providing guidance for participation in hackathons
- experience in teaching and developing curriculum for CSE courses
- Strong analytical and problem-solving skills

- Experience in guiding students for paper publication in National & International conference

Accomplishments:

Mr. Bhaumik Machhi has a 14-year of academic Experience in computer science and engineering. Serving as Assistant Professor at renowned institutions he has cultivated a diverse skill set indispensable for academic excellence.

Mr. Bhaumik Machhi is a proficient researcher. Broadly defined, Machhi's research interests are in wireless sensor networks. He teaches Computer Network, Wireless Communication & Mobile Programming, Operating System, Theory of Computation, Compiler Design, Computer Architecture, Cloud Computing, Image Processing, Cyber Security, Software Engineering based subjects to engineering students B.Tech. Program. He exposes students to engineering fundamentals and has chosen teaching as a way to conduct research in education. Recipient of the Best He has guided many students as an undergraduate. Mr. Bhaumik Machhi has many publications with most of them being published in Journals with good impact factor and of International repute.

Awarded "Best faculty for contribution to the Training & Placement @ Parul university 2024."

Most Three Notable Publications

1. Improving s-leach protocol of UWSN for real-time underwater observation technique for freshwater. In the European chemical bulletin ECB. <https://eurchembull.com>
2. An implementation & iterative study on leach and its different versions of protocol of UWSN. In the European chemical bulletin- ECB. <https://eurchembull.com>
3. "Counterattack on DoS Attack in Wireless Communication Due to Jammers" in international journal of innovative research & development www.ijird.com (ISSN 2278 – 0211)

