


GIDC DEGREE ENGINEERING COLLEGE

FACULTY PROFILE

	Name of Teaching Staff	Mrs.Ridhdhi Marmik Naik			
	Designation	Assistant Professor			
	Department	Computer Engineering			
	Date of Joining	28/8/2023			
	Qualifications	M.Tech (Computer Engineering)/PhD Pursuing			
	Total Experience in Years	Teaching	Industry	Research	
		6.9 Years	4 Months	-	
	Area Of Interest	IOT, Wireless communication, Data Mining, Mobile Communication and Computing, Database Management System, Software Engineering, Operating System, Data Structure, Artificial Intelligence.			
	Papers Published in Journals	National	03	International	09

	<p style="text-align: center;">Detail Of Publication</p>	<ol style="list-style-type: none"> 1. “Deep Learning Model for Securing IOT Configurations for End-to-End Data Authentication” paper published in Journal of Research in Computer Science and Engineering, 7, Issue 3, Year2022. 2. “6G-IOT Empiric Radio Network for Rebelliousness Learning Based Routing” published in International Journal of Software and Computer Science Engineering, 7, Issue 2, Year 2022. 3. “A Literature Review on Medical Imaging Technology for Health Care Applications Using IoT” paper published in Journal of Internet of Things and Information Technology, Volume 5 Issue 2 Year 2022. 4. “Grouping Controlling Routing Algorithm for Flooding in Delay Tolerant Network while Calculating the Energy.” paper published in IJRCSE, Volume 6 Issue 2 Year 2021. 5. “Prediction of Cognitive State of Human Mind from EEG Signals using Quantum Computational Techniques.” paper published in IJRCSE, Volume 6 Issue 1 Year 2021. 6. “Multiple Strategies with Routing Protocols for Grouping and Controlling Flooding in Delay Tolerant Network” paper published in IJRCSE, Volume 6 Issue 1 Year 2021. 7. “A Research on the Investigation Method of Digital Forensics for a VMware Workstation’s Virtual Machine.” paper published in IJRCSE, Volume 6 Issue 1 Year 2021. 8. “Using energy calculation A-SMART Group Based Control Flooding Routing Algorithm forDelay Tolerant Network” published in IJSER, January 13, 2020. 9. “A-SMART Group Based Control Flooding Routing Algorithm for Delay Tolerant Network” paper published in IJSER, January 2, 2020. 10. “Using energy calculation a group based control flooding routing algorithm.” paper published in HBRP, Volume 01,Issue 02 Year 2018. 11. “Using energy calculation A Group Based Control Flooding Routing Algorithm for Delay Tolerant Network” paper published in IJIERE, VOLUME 3, ISSUE 5, and May 2016. 12. “A Group Based Control Flooding Routing Algorithm for Delay Tolerant Network” paperpublished in IJIERE, VOLUME 2, ISSUE 11, and Nov 2015. 			
	<p>Papers Presented in Conferences</p>	National	-	International	-

**STTP/WORKSHOP/
CONFERENCE / SEMINAR
Participated**

1. Attended Conference “2022 4th International Conference on Soft Computing and its Engineering Applications” at Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, Charotar University of Science & Technology (CHARUSAT), Changa, India, 09 & 10, 2022.
2. Attended Seminar on “CARRER IN NDT” at Bhagwan Mahavir College Of Engineering And Technology, Surat, 16th May 2020.
3. Attended “E-Training Program On Formulation Of Disaster Management Plan” from National Institute Of Disaster Management, 10 to 12 September 2020.
4. Attend One Week National Level Online Faculty Development Program on “Recent Trends in Artificial Intelligence and Cyber Security” the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram 01 to 05 November 2022.
5. Attend two days FDP on “Recent Trends in Engineering” at Faculty of Engineering BMU 9 to 10 February 2023.
6. Attend 5 days FDP on “Societal Applications of Machine Learning” The department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram, 24 to 28 July 2023.
7. Attend Two days Workshop on “Internet of Things and Wireless Sensor Network” by Bhagwan Mahavir College of engineering and technology 25 to 26 February 2017.
8. Attend Three Days Workshop On “Android Programming” ” by Mahavir Swami College of engineering and technology 28 to 30 August 2017.
9. Attend Two days Workshop on “Android Application Development” by Bhagwan Mahavir College of engineering and technology 29 to 30 June 2017.
10. Attend Two Days Workshop On “Ms Office” by Bhagwan Mahavir University, 17 to 18 December 2019.
11. Attend Three Days Workshop on “Entrepreneurship Awareness” by Edii/Dst-Ni9mat 26 to 28 September 2019.
12. Attend Two Days Workshop on “Play & Plug Digital Marketing” by Andromedatech 4 to 5 February 2019.
13. Attend Two Days Online Workshop On "Outcome Based Education, Nba Approach Department Of Mechanical Engineering, at Dr Vithalrao Vikhe Patil College Of Engineering Ahmednagar, Maharashtra 11 to 12 June, 2020.
14. Attend Two Days Online Workshop On "3D EM Simulation Involving CST Software & R& S VNA & Instruction at GTU 8 to 9 June 2020.
15. Attend One day Workshop on “Dot Net Technology” by IIHT Surat 10 to 11 February 2020.

		16. Attend One day Workshop on “Adobe Photoshop” by Sopan 24-January 2020. 17. Attend Two Days Workshop On “OOP With Java” by Mahavir Swami College of engineering and technology 28 to 29 January 2020.
	Projects Guided	Have guided several projects in M.tech Computer. Some of them projects are 1. Big Data Analysis Using Gradient Boosting Algorithm. 2. A Novel Hybrid based Approach for Recommendation System. 3. Lung Cancer Image Classification using Deep Learning. 4. Ripeness Detection of Mangoes using Machine Learning.
	Books Published / IPRs/ Patents	1. “Delay Tolerant Network & Vehicular Delay Tolerant Network: DTN-VDTN”, ISBN-13 :979-8672879062, Amazon kindle publication, 2022. 2. “Internet of Things –Small World Become Great (Based on Arduino)”, ISBN-13979-8610551456, Amazon Kindle publication, 2020.
	Professional Memberships	1. Life Time Review Member of the JETIR Journal.
	Administrative Responsibilities:	1. Worked as a T & P Officer of the Department at BMCET. 2. Worked as Website Committee head at BMCET. 3. Worked in the Social Media committee at BMCET. 4. Worked in the SSIP committee at BMCET. 5. Worked in Skill Development Head of Department at BMCET. 6. Worked in the PMKVY committee at BMCET. 7. Worked as a project guide of BE students at BMCET. 8. Worked in Criteria-III (Research, Innovation and Extension) at the time of NAAC as a coordinator at BMCET. 9. Worked as a PG Coordinator for PG students at BMCET. 10. Worked in the Admission committee for B.Tech at BMCET. 11. Worked as Chairman, Board of Study – Computer & IT Engineering at BMU. 12. Worked as Head of Department –Computer Engineering at BMCET.

	Awards	<ol style="list-style-type: none">1. Achievement award by Bhagwan Mahavir University 2023.2. Achievement award by Bhagwan Mahavir University 2022.