

<b>Name of the Faculty</b>	Bhatt Jigar R
<b>Designation</b>	Assistant professor
<b>Email id</b>	<a href="mailto:Jigarbhatt.ee@bitseducampus.ac.in">Jigarbhatt.ee@bitseducampus.ac.in</a>
<b>contact number</b>	9879939401
<b>Total Experience</b>	8 Years 10 Months
<b>Teaching (years, months)</b>	8 Years 10 Months
<b>Industry (years, months)</b>	–
<b>Professional Summary</b>	<ul style="list-style-type: none"> <li>• I have been involved in conduction of lecture and laboratory classes, course planning, student evaluation and handling administrative activities</li> <li>• Worked as an In charge Head, Electrical engineering department, Sigma Engineering College, Karjan, from 2014 to 2015.</li> <li>• GTU Coordinator, Sigma Engineering College, Karjan, from 2014 to 2015.</li> <li>• AICTE Web Portal Coordinator, Sigma Engineering College, Karjan, from 2014 to 2015.</li> <li>• Design and developed differential protection of transformer, and under voltage and overvoltage protection for different loads, Sigma Institute of technology (Polytechnic), Baroda, from 2008 to 2012</li> </ul>
<b>Current Activities</b>	<ul style="list-style-type: none"> <li>• Working as an assistant professor in electrical department</li> <li>• Mentor of the final years (25 students) students</li> </ul>
<b>Specialization Areas</b>	<ul style="list-style-type: none"> <li>• Power system,</li> <li>• Automation area (PLC, SCADA)</li> </ul>
<b>Subject Taught (UG/PG)</b>	Power quality & management Basic electrical engineering Basic electronics DC machines & transformer
<b>Qualifications</b>	M.E in Power system (2015) Gujarat Technological university, Chandkheda, Gujarat  B.E in electrical engineering (2007) Sardar patel university, Vallabh Vidhya Nagar, Gujarat
<b>Skills</b>	Well versed in simulation software like Matlab, P-sim, Proteus, RS-Logix 500(Allen Bradley), Intouch (Wonderwar), Simetic Manager S7-300 (Siemens), Basics of Arduino microcontroller and its application
<b>Achievements</b>	-
<b>Research Project</b>	NIL
<b>Publications</b>	<ul style="list-style-type: none"> <li>▪ “Harmonics Mitigation from Non-linear load connected with 11KV &amp; 440V using Shunt Active Filter,” National Conference on Emerging Trends in Computer, Electrical &amp; Electronics(ETCEE) at AITS, Rajkot by IJAERD e- ISSN:2348-4470;p-ISSN:2348-6406 on March-2015.</li> <li>▪“Harmonics Analysis in Distribution System &amp; Mitigation using Shunt Active Filter,” International Journal for Scientific Research &amp; Development ,Vol. 2, Issue 02, 2014, pp. 613 – 616.</li> <li>▪“Harmonics Mitigation in 11kv Distribution System Using Shunt Active Filter with P-Q Theory,” International Journal for Scientific Research &amp; Development ( IJSRD), Vol. 2, Issue 03, 2014, pp. 577 – 581</li> </ul>

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| <b>Activities and honours</b> | <ul style="list-style-type: none"><li>• Worked as a coordinator in Poster Presentation event in year of 2018 and 2019 in Babaria institute of technology in Electrical department</li><li>• Arranged the workshop on "Automation and Robotics (Line follower robot) for electrical and electronics and communication department's students in the month of Jan'18</li><li>• Attended two days seminar on "Recent Trends in Power Electronics and Embedded Systems " at Babaria Institute of Technology, BITS Edu Campus on 4<sup>th</sup> &amp; 5<sup>th</sup> January'19</li><li>• Attended one day workshop on "Internet of Things " at Babaria Institute of Technology, BITS Edu Campus on 25<sup>th</sup> March'18</li><li>• Attended a lecture on " New Approach to reduce Green House Gas Emission &amp; Statutory requirement for Solar Roof Top" held by Society Of Power, Vadodara on 20<sup>th</sup> Dec'17</li><li>• Attended National Seminar On "Digital Applications In Electrical System" held by Society Of Power, Vadodara on 30<sup>th</sup> April'16</li><li>• Attended one day workshop on "IEEE Xplore Digital Library Awareness Workshop " at Babaria Institute of Technology, BITS Edu Campus on 7<sup>th</sup> August'15</li><li>• Attended guest lecture on "Electronics design " at Babaria Institute of Technology, BITS Edu Campus on '15</li></ul> |
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**Grant Received**

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