

<b>Name of Faculty</b>	Prof. Nilesh Amarendra Patel
<b>Designation</b>	Assistant professor
<b>Email id</b>	<a href="mailto:nileshpatel.me@bitseducampus.ac.in">nileshpatel.me@bitseducampus.ac.in</a>
<b>Contact number</b>	7096655069
<b>Total Experience</b>	
<b>Teaching</b>	12.5 years
<b>Industry</b>	03 years
<b>Professional Summary</b>	Working as Assistant professor in Mechanical engineering Department of BIT from Feb. 2015. Worked at various positions like PG faculty for GTU, Paper setter at GTU, Coordinator of Training and Placement activities at department level, member of department committee for NBA, mentoring students, guiding projects of UG and PG students.
<b>Current Activities</b>	Assistant professor, 100 points activity coordinator, Guiding 2 UG projects and 1 PG project on powder mixed EDM, activities for NBA.
<b>Specialization Areas</b>	Mechanical Engineering (General)
<b>Subject Taught (UG/PG)</b>	Operation research, Industrial Engineering, Material science and metallurgy, Mechanical measurement and metrology, Manufacturing processes 1 & 2, Engineering Graphics. Production and operations management
<b>Qualifications</b>	M.E. Mechanical Engineering (General), North Maharashtra University , Jalgaon, (July 2014) (First class with distinction)  B.E. (Production s/w) , COEP, Pune University (2003) (First class with distinction)
<b>Skills</b>	Well verse with MINITAB, LaTeX, MS Office.
<b>Achievements</b>	Nil
<b>Research Project</b>	Nil
<b>Publications</b>	<ol style="list-style-type: none"> <li>1. “Experimental investigation into machining of AISI 316 stainless steel for surface roughness and micro hardness beneath machined surface under dry environment”, International Journal of Applied Physical Science, ISSN No. : 2395-5260 (Print), 2395-5279 (Online), Vol.: 4, Issue.: 4 2015</li> <li>2. “Recent Trends on optimization techniques, cutting parameters, surface integrity, &amp; material removal rate in machining of AISI stainless steel : A Review”, Elixir International Journal of Mechanical Engineering, April-2013, ISSN:2229-712X</li> <li>3. “A Review on Abrasive water jet machining of different materials”, International conference at GCET, Anand, Feb 2018.</li> </ol>
<b>Activities and honours</b>	<ul style="list-style-type: none"> <li>• Attended 2 days workshop on “Recent trends in Mechanical Engineering”,</li> </ul>

GUJCOST sponsored at BIT, Vadodara, Jan 2019

- Attended 40 hours workshop on “Stress and Stress Management” at Vinoba Ashram, Conducted by Samtvam Institute of Mind-Body Healing, Healthy Living and Realizing Human Potential, Oct 2018
- Attended workshop on “Environmental Pollution and Control”, NITTTR Bhopal, June 2016
- Attended on day workshop on “IP Evaluation and Management “ at GTU Chandkheda, Dec 2015
- Attended five day national level workshop on “Regression analysis and Design of Experiment” at MNIT Jaipur, Dec 2013
- Attended five day corporate workshop on “Highly Impact teaching skills, MISSION 10X, by WIPRO” at RCPIT, Shirpur, Dec 2010
- Nil

**Grant Received**