

Name of Faculty	Nirmal Kumar Kushwaha
Designation	Assistant Professor (Mechanical Engineering)
Email id	nirmalkushwaha.me@bitseducampus.ac.in
Contact number	8690483292
Total Experience	
Teaching	07 years 07 months
Industry	Nil
Professional Summary	Presently working as Assistant Professor in Mechanical Engineering Department since July, 2012. Worked at various positions like Coordinator of Technical Maintenance and Purchase at department level, Department coordinator of AICTE work, Member of BITS Magazine Committee, Life time member of Indian Society for Technical Education (ISTE).
Current Activities	In-charge of Technical Maintenance and Department Purchase. Guiding projects of UG students. Mentoring students
Specialization Areas	Dynamic analysis of Mechanical Systems, Mechanical Engineering.
Subject Taught (UG/PG)	Theory of Machines Control Engineering Dynamics of Machinery Elements of Mechanical Engineering Industrial Engineering
Qualifications	Ph.D. (Pursuing), Gujarat Technological University, Chandkheda, Ahmedabad. M.Tech. (Mechanical Engineering), (2012) (First class with distinction), Sardar Vallabhbhai National Institute of Technology, Surat. B.Tech. (Industrial & Production Engineering) (2010) (First class) Uttar Pradesh Technical University, Lucknow.
Skills	Well versed in softwares like Matlab for the analysis of Dynamical systems, MS word, MS Office.
Achievements	Graduate Aptitude Test in Engineering (GATE-2010) Qualified.
Research Project	Nil
Publications	<ol style="list-style-type: none"> 1. "Condition based Monitoring of Rotating Machines using Piezoelectric Material" in International Journal of Research in Engineering and Technology e-ISSN: 2319-1163, p-ISSN:2321-7308, Volume:03, Issue:09 Sep-2014, http://ijret.org/Volumes/V03/I09/IJRET_110309047.pdf 2. "Design And Fabrication of Automatic Main Stand For Two Wheelers" in IJSRD - International Journal for Scientific Research & Development Vol.-3, Issue-10, 2015 ISSN(online):2321-0613, http://www.ijssrd.com/articles/IJSRDV3I100371.pdf

Activities and honours

- Attended one week short term training programme on “Product Design and Value Engineering” (Duration-04-08 Feb. 2013) organized by Mechanical Engineering Department at Babaria Institute of Technology, Vadodara.
- Attended one day workshop on “Energy Conservation” organized by GUJARAT ENERGY DEVELOPEMENT ASSOCIATION (Duration-26 Oct 2013).
- Attended one day workshop on “LINUX” organized by OPEN SOURCE TECHNOLOGY CLUB, Vadodara (Duration-13 Feb 2014).
- Attended TEQIP-II sponsored faculty development programme on “Modeling and Simulation of Dynamical Systems and Optimization” (MSDSO-2014) organized by Delhi Technical University, Delhi (Duration- June 9 –13, 2014).
- Attended one day workshop on “OpenFOAM” offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India (Duration-11th July 2014).
- Attended one week short term training programme on “Robotics and Automation” organized by Motilal Nehru National Institute of Technology, Allahabad, U.P. (Duration- June 08 –12, 2015).
- Attended GUJCOST sponsored two days workshop on “Recent Trends in Mechanical Engineering” on 3-4 January, 2019 organized by Mechanical Engineering Department at Babaria Institute of Technology, Vadodara.
- Organized three days workshop on “Advances in Welding Technology: Development and Applications”, 12th to 14th December, 2019 at Babaria Institute of Technology, Varnama, Vadodara.

Grant Received

Nil