

Name of Faculty	Subhasis Sarkar
Designation	Assistant Professor
Email id	subhasissarkar.me@bitseducampus.ac.in
Contact number	9724843683
Total Experience	
Teaching	6 years 10 months
Industry	01 year
Professional Summary	Working as an Assistant Professor in Mechanical engineering Department of BIT from 2014. Worked at various positions like departmental library Coordinator, Coordinator of Virtual lab BIT, Autopsy Event Coordinator of GTU tech fest 2019 at BIT and Coordinated SESI students' convention at BIT.
Current Activities	Assistant Professor in Mechanical Engineering Department-BIT, Coordinator of departmental committees like Mentorship, Babaria E-Newsletter, Departmental Training and Placement cell and EGVC a SAE event (mentor) at BIT.
Specialization Areas	Automobile Engineering
Subject Taught (UG/PG)	Engineering Graphics, Engineering Thermodynamics, Internal combustion Engines, Heat and Mass Transfer, Vehicle Dynamics, Automobile Engineering.
Qualifications	M.E (Mechanical Engineering) (2014)(CPI 9.26) Government Engineering college, Bhuj B.E. (Mechanical Engineering) (2009) (First class with distinction) Shree Sant Gadge Baba college of Engineering and Technology, Bhusawal
Skills	Knowledge of modelling and simulation software's such as ANSYS, CATIA, COMSOL MULTIPHYSICS ,PROe etc.
Achievements	Qualified GATE 2012 with all India Ranking 14739.
Research Project	Nil
Publications	<ol style="list-style-type: none"> 1. "Review Paper on Thermal Analysis of Disc Brake by Varying Design Parameters", International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 12, ,PP:1077-1081, December, 2013, ISBN/ISSN: 2278-0181 2. "Research Paper on Modelling and Simulation of Disc Brake to Analyse Temperature Distribution using FEA", International Journal of Scientific Research and Development (IJSRD)" Vol.2,Issue 3,pp.2376-2379, May, 2014, ISBN/ISSN: 2321-0613 3. "Hydrogen Based Internal combustion Engine", International Journal of Scientific Research and Development (IJSRD)" Vol. 5, Issue 3, May, 2017, ISBN/ISSN: 2321-0613 4. "Research paper on bladeless windmills based on the principle of vibration", International Journal of Scientific Research" Vol. 6, Issue 5, May, 2017, ISBN/ISSN: 2277-8179

5. "A Review paper on Aerodynamic Drag Reduction and CFD Analysis of Vehicles", International Research Journal of Engineering and Technology" Vol. 6, Issue 1, January, 2019, ISBN/ISSN: 2395-0056
6. " A Review Paper On Magneto-Rheological Fluid based Braking system", International Journal of Research and Analytical Reviews (IJRAR)" Vol. 6, Issue 1, March, 2019, E-ISSN 2348-1269, P- ISSN 2349-5138
7. "Variation in Aerodynamic Drag and Lift by addition of rear spoiler in a passenger car", Journal of Emerging Technologies and Innovative Research(JETIR)" Vol. 6, Issue 4, April, 2019, ISBN/ISSN: 2349-5162
8. " A Review Paper On Rotational Energy Harnessing From A Non-Fixed Axis System", Journal of Emerging Technologies and Innovative Research(JETIR)" Vol. 6, Issue 4, April, 2019, ISBN/ISSN: 2349-5162
9. "A Review paper on Pneumatic Controlled ABS", International Research Journal of Engineering and Technology" Vol. 7, Issue 1, January, 2020, ISBN/ISSN: 2395-0056
10. "A Review paper on Analysis of Braking System by X-by-Wire System using FlexRay", International Research Journal of Engineering and Technology" Vol. 7, Issue 1, January, 2020, ISBN/ISSN: 2395-0056

Activities and honours

- Attended a one day Energy conservation awareness program on 10th SEP 2013, jointly conducted by Darshan Institute of Engineering and Technology and GEDA hosted by GEC-Bhuj.
- Attended 5 days STTP conducted under (TEQIP-II) on "ANSYS for Structural and Thermal Engineering Application" organised by GEC, Rajkot in association with Indo-German Tool Room-Ahmadabad during 30/12/2013 to 03/01/2014.
- Coordinated in 2 days SOLAR ENERGY SOCIETY OF INDIA (SESI) 1st Students' convention on "RENEWABLE ENERGY FOR SUSTAINABILITY", FEB 13-14, 2015 at BIT.
- Participated in 2 Day National seminar on "Effective Pedagogy: Principles Of Teaching and Learning" sponsored by GUJCOST on 9th and 10th October 2015, at BITS Edu Campus.
- Attended 5 days STTP on Pollution "Environmental Pollution and e-waste Management" organised by NITTR, Bhopal during 13/06/2016 to 17/06/2016 at NITTR, Bhopal.
- Successfully completed a short term certificate course in " INTRODUCTION TO LIGHT VOCAL MUSIC" from Faculty Of Performing Arts, MSU, Baroda during July- October 2017
- Attended 2 Day workshop on "Recent Trends in Mechanical Engineering" sponsored by GUJCOST, on 3rd and 4th JAN 2019,organised by Mechanical Engineering department at BIT.

- Worked as a Faculty advisor for a 3 days national level competition EGVC 2019 hosted by L. D. College of Engineering ,Ahmadabad, conducted and sponsored by SAE INDIA on 4th, 5th and 6th April 2019.
- Attended One day workshop on Friction Stir Welding organised by Mechanical Engineering Department at Babaria Institute of Technology, on 5th April 2019.
- Attended 3 Day workshop on "Advances in Welding Technology: Development and Applications" sponsored by GUJCOST, on 12th to 14th DEC 2019, organised by Mechanical Engineering department at BIT.

Grant Received

Nil