


<b>About Gaurav</b>				
	<p>Gaurav Mistry has received Bachelor's degree in Mechanical Engineering in the year 2011 and Master's degree in Mechanical Engineering with specialization in Machine Design in the year 2015. He has a teaching experience of about 3 years and 5 months at the under graduate (UG) levels. Currently working as an Assistant Professor in Department of Mechanical Engineering, Diwaliba Polytechnic, Mahuva, bardoli, Gujarat.</p>			
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<p><b>Assistant Professor</b>  <b>Mechanical Department</b>            Diwaliba Polytechnic,            Maliba Mahuva Campus,            Mahuva, 394250            Id:-gaurav.mistry@utu.ac.in</p>	<table border="1"> <tr> <td><b>Area of Interest</b></td> <td>Applied Mechanics, Mechanics of Solid, Theory of Machines, Design of Machine Element, Theory of Elasticity, Finite Element Method, Machine Tool Technology, Vibration, Fluid Mechanics and Hydraulic Machines, CAD/CAM, Tribology.</td> </tr> </table>	<b>Area of Interest</b>	Applied Mechanics, Mechanics of Solid, Theory of Machines, Design of Machine Element, Theory of Elasticity, Finite Element Method, Machine Tool Technology, Vibration, Fluid Mechanics and Hydraulic Machines, CAD/CAM, Tribology.	
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<b>ACADEMICS</b>				
• <b>Qualification</b>				
Degree	College/School	University/ Board	Year of Passing	
M.E	CKPCET, Surat.	G.T.U.	2015	
B.E.	GEC, Surat	VNSGU	2011	
• <b>Work of Experience</b>				
Post	Joining Date	Leaving Date	Experience	Institute/ Industry
Assistant Prof.	20/07/2015	Pursuing...	2 years and 4 months	UTU, Diwaliba Polytechnic, Mahuva.
Lecturer	01/02/2012	27/06/2013	1 year 5 months	Bhagwan Mahavir Polytechnic, Surat.
• <b>Subjects Taught</b>				
1.	Engineering Drawing			
2.	Engineering Mechanics.			
3.	Thermal Engineering			
4.	Industrial Engineering			
5.	Fabrication Technology			
6.	Fundamentals of Mechanical Systems			
7.	Fluid Mechanics and Hydraulic Machines			
8.	Manufacturing Engineering - 1			
9.	Fluid Flow Operation			
10.	Theory of Machines			
11.	Strength of Materials			
12.	CAD			

13.	Design of Machine Elements			
14.	Tool Engineering			
<b>• Administration / Departmental Duties</b>				
1.	Library Committee Head of Mechanical Department at Diwaliba College			
2.	Diwaliba Purchase Committee Main Coordinator.			
3.	Counselor of Diploma Mechanical Students of 2015 Batch.			
4.	Result Analysis of Mechanical Department batch 2015.			
5.	Lab In charge of Various Mechanical Laboratories.			
6.	Lab Development of Workshop, MSM, FMS, ME-1, ME -2, FMHM.			
7.	Lab Manual Edition and Preparation of Mechanical Department.			
8.	Arranged Extra Practical Session of ME – 1 subject for 3 <sup>rd</sup> SEM Mechanical Students at CGPIT Workshop.			
9.	Arranged Extra Practical Session of CAD, ME – 2 and SOM subject for 4 <sup>th</sup> SEM Mechanical Students at CGPIT CAD LAB, CGPIT Workshop and CGPIT SOM LAB respectively.			
10.	Arranged Expert lecture of Engineering Drawing for Computer/Civil/Chemical Students in Dec 2015.			
11.	School Campaigning for Career Guidance to S.S.C Students at Valod, Bajipura and Boriya High Schools on 26/05/16.			
12.	School Campaigning of S.S.C Students at G. H. Bhakta High Schools on 26/05/16.			
13.	Set on Help Desk at Diwaliba as well as CGPIT in June 2016.			
14.	ACPDC Help Centre Coordinator at CGPIT in June 2016.			
15.	Time Table Committee Member for Diploma Mechanical.			
16.	NAAC Committee Member of Criteria 2 for Diwaliba Polytechnic.			
17.	UTU Ambassador in “A opening ceremonial function is organized on 29-12-2016 at 4:00 PM”			
18.	UTU Theatre Club Committee Member in the year 2016-17			
19.	Arranged Industrial Visit of Diploma Mechanical Students.			
20.	Arranged Industrial Training of Diploma Mechanical Students in Summer 2017.			
21.	Appointed as Subject Coordinator and Prepared Question Bank Instances in English as well as Gujarati of FMHM and FFO subject of 3 <sup>rd</sup> SEM Mechanical and Chemical Students respectively and Uploaded them.			
22.	Assessment of FFO University Exam Papers of Chemical 3 <sup>rd</sup> SEM at UTU.			
23.	Moderator duty in which moderated the Instances of FFO subject of 3 <sup>rd</sup> SEM Diploma Chemical.			
24.	Translated from English to Gujarati of Question Bank of 3 chapters of TOM and 1 chapter of CAD subject of 4 <sup>th</sup> SEM Diploma Mechanical.			
26.	School Campaigning at Various High Schools of Chikhli Area on 15/03/17.			
27.	School Campaigning at High School of Vansda and Waghai on 29/05/17.			
28.	ACPDC Help Centre Coordinator/Verification Officer at CGPIT in June 2017.			
29.	Project Guide of 3 groups of 5 <sup>th</sup> SEM Diploma Mechanical Students			
<b>Seminars / Workshops / STTPs</b>				
<b>Sr. No.</b>	<b>Topic</b>	<b>Organization</b>	<b>Organized By</b>	<b>Date</b>
1.	Two Days Workshop on	Bhagwan Mahavir	GTU	03/03/2012

	“Patenting in Engineering”	College of Engineering and Technology, Surat.		to 04/03/2012
2.	One Day Faculty Development Program of “Swami Vivekananda Contributor Personality Program”, phase – II	Government Polytechnic for Girls, Surat.	GTU	06/10/2012
3.	One Day Seminar on “Fundamentals of Tribology”	GIDC Degree Engineering College	GTU	04/10/2013
4.	Faculty Development Program by Dr. Bankim Patel on Lesson Planning.	SRIMCA, UTU, Maliba Campus, Bardoli.	UTU, Maliba Campus, Bardoli.	22/08/2015
5.	Faculty Development Program by Dr. Poonam Mittal	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli.	07/09/2015
6.	Faculty Development Program by Mr. Hardik Prajapati on Engaging with students using online sources.(Flipped Classes)	SRIMCA, UTU, Maliba Campus, Bardoli.	UTU, Maliba Campus, Bardoli.	12/09/2015
7.	One day workshop on Perspectives on Advanced Materials Technology	CGPIT, UTU, Maliba Campus, Bardoli	Mech/Auto Engg Department, CGPIT, UTU	28/09/2015
8.	20th ISTE State annual faculty convention 2015 with seminar on Challenges and Opportunities in Technical Education in the Era of Sustainable Development	CGPIT, UTU, Maliba Campus, Bardoli	CGPIT, UTU, Maliba Campus, Bardoli	27/10/2015
9.	Workshop on Meditation Phase 1	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	23/01/2016
10.	Workshop on Medation Phase 2	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	06/02/2016
11.	Workshop on Heartfulness, Relaxation and Meditation Phase 3	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	20/02/2016
12.	Gujarat Education Conference 2016 - Excellence in Education	UTU, Maliba Campus, Bardoli	Innovate You - Innovation Consulting Company, Sponsored by EDworld Education & Co-Sponsored	21/02/2016

			by eSense (Navneet Initiative)	
13.	Faculty Development Program by THE CENTER FOR HUMANITIES AND DEVELOPMENT	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	18/07/2016 To 30/07/2016
14.	Seminar on “Anand ki Khoj” by Shashikantbhai	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	23/07/2016
15.	Seminar by Kirti Patel on Patenting, IP, Copyright, Non – Patentable Laws, Few patented logos, songs, etc.	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	06/08/2016
16.	Workshop on Fundamentals and Industrial Applications of Pumps	CGPIT, UTU, Maliba Campus, Bardoli	Mech/Auto Engg Department, CGPIT, UTU	24/09/2016
17.	A 10 days Certified Course on Applied Continuum Mechanics	NIT GOA	NIT GOA, MHRD Sponsored	14/12/2016 To 24/12/2016
18.	Jury Member at Paper/Poster Presentation at State Level Technical Festival "Manthan 2k17"	Pacific School of Engineering, Palsana Road, NH 8	Mechanical Department. Pacific School of Engineering	01/03/2017
19.	Teaching Pedagogy delivered on “Cauchy Stress Tensor”	Diwaliba Polytechnic, UTU, Mahuva.	Mechanical Department, Diwaliba Polytechnic, UTU.	04/02/17
20.	Expert Talk on “Teaching Pedagogy using emotional quotient”	CGPIT, UTU, BARDOLI	LITERARY CLUB OF UTU.	13/04/2017
21.	Expert Talk on “Engineering and Society: A teaching and research paradigm for national development”	CGPIT, UTU, BARDOLI	LITERARY CLUB OF UTU.	20/04/2017
22.	Faculty Development Program on “I am a Teacher” by Dr. N. C. Shah and Dr. Bankim Patel	CGPIT , UTU, Maliba Campus, Bardoli	UTU, Maliba Campus, Bardoli	02/05/2017
<b>Publication</b>				
<b>Sr. No.</b>	<b>Title</b>	<b>Journal/ Conference</b>	<b>Year of Publication</b>	<b>Author</b>
1.	“Numerical Analysis of Effect of Corner Radius on Post Forming Thickness in Single Point	“National Conference on Recent Advances in	May 2015	Gaurav Mistry

	Incremental Forming Process”	Engineering for Sustainability”		
2.	“Fluid structure interaction : fundamentals and applications – A Review”	Cosmic Journals/ IJRMET	June 2016	Jainish Topiwala

### Achievements

- ❖ Secured 2<sup>nd</sup> Position as Best Faculty of Diwaliba in the year 2015 – 2016.

### Extras

1.	Discipline Committee Coordinator in Novice Fiesta held on 11/10/2015 at UTU.
2.	Discipline Committee Coordinator in 3 <sup>rd</sup> Convocation Function held on 14/10/15 at UTU.
3.	Discipline Committee Coordinator in Navli Navratri Garba Function held on 15/10/15 at UTU.
4.	Discipline Committee Coordinator in Orsus 2016 held on 03/02/16 at UTU.
5.	Discipline Committee Coordinator in Uth Festival 2016 held on 11 <sup>th</sup> to 13 <sup>th</sup> of Feb 2016.
6.	Discipline Committee Coordinator in Uth Festival 2016 held on 29 <sup>th</sup> Sept 2016 to 1 <sup>st</sup> Oct 2016.
7.	Discipline Committee Coordinator in Navli Navratri Garba Function held on 15/10/16 at UTU.
8.	Sports Committee Member in Badminton at Diwaliba held on 13 <sup>th</sup> Jan 2017.
9.	Discipline Committee Coordinator in Novice Fiesta 2017 held on 20/01/17 at UTU.
10.	Discipline Committee Coordinator in Orsus 2017 held on 21/01/17 at UTU.