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## **SANATKUMAR V DAMANIA**

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Mechanical Engineering Department,  
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### **EDUCATION**

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<b>MTech in CAD/CAM</b> Sardar Vallabhbhai Institute of Technology, Surat	<b>2011</b>
<b>BE in Mechanical Engineering</b> Shantilal Shah Engineering College, Bhavanagar	<b>1998</b>

### **TEACHING EXPERIENCE**

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<b>Adhoc Lecturer</b> Government Engineering College, Modasa	<b>2001-2004</b>
<b>Assistant Professor</b> Government Engineering College, Valsad	<b>2004-2012</b>
<b>Associate Professor</b> Government Engineering College, Valsad	<b>2012-present</b>

### **PROFESSIONAL EXPERIENCE**

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<b>Trainee Engineer - Maintenance and Utility</b> Atul Ltd (PP site), Atul, Valsad, Gujarat	<b>1999-2001</b>
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### **FIELDS OF RESEARCH INTEREST**

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Machine Design and process optimisation

### **TECHNICAL SKILLS**

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- Computer Aided Design packages: AutoCAD, Creo, Catia, SolidWorks
- FEM and CFD: Ansys,
- Other:, Windows OS

### **RESEARCH PROJECTS**

### **PUBLICATIONS**

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#### **Journal Papers**

#### **Conference Papers**

#### **Books**

## **PATENTS**

### **KEYNOTE LECTURE DELIVERED**

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- Resource Speaker during one week STTP on “Creo for Mechanical Engineering”, Government Polytechnic, Valsad,, 03-07 May 2014
- Resource Speaker of a seminar for “Women Career counseling”, Government Polytechnic, Valsad, 7/08/2015
- Resource Speaker during one week STTP on “Digital India Prospect in Engineering Field”, Government Polytechnic, Valsad,, 21/12/2015 to 02/01/2016.
- Expert Lecture on “CAD/CAM”, Government Polytechnic, Vaghai, 18/03/2016
- Expert Lecture on “Introduction to CAD and CAM”, Government Polytechnic, Valsad, 30/01/2018.

### **WORKSHOP / TRAINING ORGANIZED**

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- Workshop on “Lean Management”, Government Engineering College, Valsad, 19-20 March 2018
- STTP on “Creo for Mechanical Engineering”, Government Engineering College, Valsad, 18-22 May 2015

### **WORKSHOP / TRAINING ATTENDED**

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- Workshop On “Photography”, Government Engineering College, Valsad, 22-24 March 2019
- STTP On “Creo For Mechanical Engineering”, Government Engineering College, Valsad, 18-22 May 2015
- Workshop On “Computer Based Diesel Engine Test Rig”, Govt. Engg. College, Modasa, 17-18 October 02
- Training On “Industrial Hydraulics”, Crisp, Bhopal, 22-24 April 2003
- STTP On “Induction Training”, NITTTR, Bhopal, 15-27 May 20016
- STTP On “Wind Power Basics”, NITTTR, Bhopal, 10-21 July 2006
- STTP On “Solid Modeling And Assembly Using Pro-E Software” NITTTR, Bhopal, 03-07 July 2007
- STTP On “CNC Technology”, NITTTR, Bhopal 09-13, July 2007
- STTP On “Solid Modeling Using Solid Edge Software “, Dr. S.S. Gandhi College of Engg. & Tech, Surat, 21-25 January 2008
- Training On “CCC+” SPIPA, Surat, 26-12 Feb-March 2007
- STTP On “Advances In Automobile Technology”, NITTTR, Bhopal, 08-12 September 2008
- STTP On “Innovate, Create, Manufacture And Manage Digitally, SVNIT, Surat, 18-22, January 2010
- STTP On “Advances In Manufacturing, SVNIT, Surat, 28-12-10 To 01-01-11
- STTP On “Latest Developments In CAD/CAM And PLM Technology” Siemens, IITRam, Ahmedabad, 10-15 November 2014
- Training On “ GCSR 2002” SPIPA, Surat, 29-31 July 2015
- STTP On “Modeling And Simulation Of Mechanical System Using Solid Works” GIDC Engg College, Navsari, 19-23 December 2016
- STTP On “Finite Element Analysis Using ANSYS software” NITTTR, Bhopal, 24-28 September 2018

### **PROFESSIONAL MEMBERSHIPS**

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- Life Member, Indian Society for a Technical Education

### **HONORS AND AWARDS**

## **PORTFOLIOS**

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- Head of department **2019-present**
- Admin Officer **2018-present**
- Canteen committee chairman **2015-present**
- Time table committee chairman **2017-present**
- Overload committee In charge **2017-present**

## **SUBJECT TAUGHT**

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- Kinematics of Machines
- Dynamics of Machines
- Design of Machine Elements
- Machine Design
- Computer Aided Design
- Computer Aided Manufacturing
- Fluid Mechanics
- Entrepreneurship
- Manufacturing Processes