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## KRUNAL R PATEL

Assistant Professor  
Mechanical Engineering Department,  
Government Engineering College, Valsad  
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### EDUCATION

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<b>ME in Jet Propulsion and Gas Turbine Plant</b> The Maharaja Sayajirao University of Baroda	<b>2011</b>
<b>BE in Mechanical Engineering</b> Shantilal Shah Engineering College, Bhavnagar	<b>2009</b>

### TEACHING EXPERIENCE

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<b>Assistant Professor</b> Government Engineering College, Valsad	<b>2016-present</b>
<b>Assistant Professor</b> Babaria Institute of Technology, Vadodara	<b>2011-2016</b>

### TECHNICAL SKILLS

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- Programming languages: C, C ++
- Computer Aided Design packages: AutoCAD, Creo
- Other: Windows OS

### PUBLICATIONS

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#### Journal Papers

Patel, K., Patel D.,(2015). "ESTIMATION OF KINETIC PARAMETERS OF NEWSPAPER WASTE WITH THE HELP OF BATCH TYPE PYROLYSER" International Journal of Research in Aeronautical and Mechanical Engineering, Vol. 3, Issue 12, pp. 79-83.

### WORKSHOP / TRAINING ATTENDED

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- STTP on "Induction Training Programme Phase-I", NITTTR, Bhopal, 15 May 2017 to 26 May 2017
- STTP on "Emerging trend in major thrust areas of mechanical Engineering", Director Of Technical Education Gandhinagar, 26 Feb 2018 to 9 March 2018 (Equivalent to one week STTP)
- MOOC on "Laws of Thermodynamics", Aug-Sep 2018 (4 week course-Equivalent to one week STTP)

### PROFESSIONAL MEMBERSHIPS

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- Life Member, Indian Society for a Technical Education

### PORTFOLIOS

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- Committee member Gardening and Housekeeping GEC, Valsad **2016-present**

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| ▪ Committee member Establishment Department GEC, Valsad        | <b>2019-present</b> |
| ▪ Committee member IEI and ISTE student's chapter GEC, Valsad  | <b>2019-present</b> |
| ▪ Assistant Nodal Officer of online fee collection GEC, Valsad | <b>2019-present</b> |
| ▪ Committee member Security officer GEC, Valsad                | <b>2016-2018</b>    |

### **SUBJECT TAUGHT**

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|---|--------------------------------------|
| ▪ Elements of Mechanical Engineering        | ▪ Fluid Power Engineering            |
| ▪ Engineering Thermodynamics                | ▪ Conventional Power Engineering     |
| ▪ Fluid Mechanics                           | ▪ Energy Conversion System           |
| ▪ Power Plant Engineering                   | ▪ Non Conventional Energy Sources    |
| ▪ Thermal Engineering                       | ▪ Basics of Environmental Hydraulics |
| ▪ Applied Thermal and Hydraulic Engineering |                                      |
| ▪ Advance Fluid Mechanics                   |                                      |