

### Faculty Profile

<b>Faculty Name</b>	Dr. Jatinder Kataria
<b>Designation</b>	Assistant Professor (ME)
<b>Qualification</b>	Ph.D.
<b>Email</b>	<a href="mailto:Jatinder.kataria@gecnilokheri.ac.in">Jatinder.kataria@gecnilokheri.ac.in</a>
<b>Area of Interest</b>	Thermal Engineering, Renewable Energy, CAD/CAM
<b>Work Experience (Total)</b>	17
• Teaching	12 Years
• Research	Nil
• Industry	5 Years
• Others	
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	<ul style="list-style-type: none"> <li>• Refrigeration and Air-Conditioning</li> <li>• Heat Transfer</li> <li>• CAD</li> <li>• Applied Thermodynamics</li> <li>• Mechatronics</li> </ul>
<b>Membership of Professional Bodies</b>	
<b>Research Publications</b>	
• Research Papers UGC-CARE	
• Research Papers SCOPUS	
• Research Papers WoS/SCI/ABDC	02 SCI Indexed
• List of Publications	Annexure 1
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	
• International (Abroad)	
• International (Within Country)	

• National	
• List of published papers	Annexure 2
<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	
• List of Conference/FDP/STTP committee	1
<b>Social Contributions and Sports</b>	
• List of Social Contributions and Sports	

### **Annexure 1**

1. Kataria, Jatinder, S. K. Mohapatra, and K. Kundu. "Biodiesel production from frying oil using zinc-doped calcium oxide as heterogeneous catalysts." *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects* 39, no. 9 (2017): 861-866.
2. Kataria, Jatinder, S. K. Mohapatra, and K. Kundu. "Biodiesel production from waste cooking oil using heterogeneous catalysts and its operational characteristics on variable compression ratio CI engine" published in "Applied Thermal Engineering" Elsevier.

### **Annexure 2**

1. Kataria, Jatinder, S. K. Mohapatra, and K. Kundu "Thermal performance and emission test of CI engine using biodiesel produced from waste cooking oil blend with diesel. "Published in RAME 2016 at Delhi Technological University, Delhi