

**Curriculum Vitae: *PATEL HEENA KIRITBHAI***

**Date of Birth:** 8<sup>th</sup> June 1989

**Marital Status:** Single

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**EDUCATION**

***PhD UNIVERSITY OF HAMBURG***

Department of Mathematics  
Institute: Meteorological Institute

***M.Sc LAPEERANTA UNIVERSITY OF TECHNOLOGY,***

Department of Computational Engineering  
ECTS credits: 4.07

***M.Sc. VEER NARMAD SOUTH GUJARAT UNIVERSITY,***

Department of Mathematics  
Percentage :72.5%

**RESEARCH  
EXPERIENCE**

***FACULTY OF MECHANICAL ENGINEERING, ELECTRICAL  
AND ENERGY SYSTEMS  
INSTITUTE OF TRANSPORT TECHNOLOGY  
CHAIR OF AERO-ENGINE DESIGN,  
BRANDENBURG UNIVERSITY OF TECHNOLOGY (BTU)  
COTTBUS-SENFTENBERG, GERMANY***

**Designation:** Intern

**Service Period:** October 2018 – February 2019

**TEACHING  
EXPERIENCE**

***DEPARTMENT OF MATHEMATICS, SARVAJANIK COLLEGE  
OF ENGINEERING AND TECHNOLOGY, SURAT, INDIA***

**Designation :** Lecturer

**Service Period:** July 2013 – June 2016

***DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES,  
UKA TARSADI UNIVERSITY, BARDOLI, INDIA***

**Designation:** Teaching Assistant.

**Service Period:** August 2011 - July 2013.

<b>LANGUAGES</b>	<p><b>Gujarati, Hindi, English, Finnish and German</b></p> <p><b>IELTS Score:</b> 6.5 bands.</p>
<b>COMPUTER SKILLS</b>	Microsoft Office and Matlab, R, Origin. AutoCAD, CFD Software like Ansys Workbench, Pointwise, COMSOL, ANSYS Fluent, CFX, Elmer and OpenFoam.
<b>OTHER</b>	<p>Master thesis <b>Impact of different building roof shapes on gas dispersion in urban street canopy</b> <a href="http://lutpub.lut.fi/bitstream/handle/10024/157080/thesis.pdf?sequence=1">http://lutpub.lut.fi/bitstream/handle/10024/157080/thesis.pdf?sequence=1</a>.</p> <p>I had published research paper on “<i>Transient free convective MHD flow through porous medium in flow regime</i>” in IOSR Journal and have been funded by GUJCOST. <i>IOSR Journal of Mathematics (IOSR-JM)</i> e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 11, Issue 5 Ver. 5 (Sep. - Oct. 2015), PP 52-58</p>
<b>AWARDS</b>	<hr/> <p>I had received Living Scholarship of 560 euros per month for 2 years from Lappeenranta University of Technology, Finland.</p> <p>I had been awarded 600 euros from Lappeenranta University of Technology for distinction.</p> <p>I had received ERASMUS+ Scholarship for internship in Germany.</p> <hr/>
<b>REFERENCES</b>	<p><b>Prof.Jörn Behrens</b>, Professor University of Hamburg Hamburg Germany Phone: <a href="tel:+4940428387734">+49 40 42838-7734</a> Email: <a href="mailto:joern.behrens@uni-hamburg.de">joern.behrens@uni-hamburg.de</a></p> <p><b>Dr. Konrad Simon</b>, Post-Doctral researcher University of Hamburg Hamburg Germany Phone: <a href="tel:+4040428387748">+40 40 42838 7748</a> Email: <a href="mailto:konrad.simon@uni-hamburg.de">konrad.simon@uni-hamburg.de</a></p> <p><b>Docent Matti Heiliö</b>, Professor LUT School of Engineering Sciences Lappeenranta Finland Phone: +358294463480 Email: <a href="mailto:Matti.Heilio@lut.fi">Matti.Heilio@lut.fi</a></p>