

# CURRICULUM VITAE

## KAZI JUNED RIYAZ

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Navi Mumbai 410208



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### Objective:

To work to the best of my ability and face any challenges. To work as a dynamic professional in an environment that would provide opportunity to utilize my skills and strength.

### Education:

**MTech in Thermal & Fluids Engineering with Refrigeration and air conditioning** as a core subject at **Dr. Babasaheb Ambedkar Technological University Lonere, Mangaon.**

### Academic Details:

Course	Institution	Board/University	Year Of Passing	Percentage
<b>M.Tech</b> (Thermal & Fluids Engg.)	Dr. Babasaheb Ambedkar Technological University Lonere	Dr. Babasaheb Ambedkar Technological University Lonere	2015	8.42
B.E (Mechanical Engg.)	Finolex Academy of Management & Technology, Ratnagiri	Mumbai University	2011	64.59
Diploma	M.H.Saboo Siddik Polytechnic Byculla Mumbai	Maharashtra State Board of Technical Education Mumbai	2008	68.94
S.S.C	Al-Ameen Urdu High School Lanja	Kolhapur	2005	80.40

### Teaching experience:

- Visiting Teacher in Al-Ameen Urdu High School Lanja during **June 2005 to April 2012.**
- Lecturer at Rajendra Mane College of Engineering and Technology in Mechanical Engineering Department during **December 2013 to July 2015.**

- Teaching Assistance-ship in Dr. Babasaheb Ambedkar Technological University Lonere from **July 2013 to May 2015** for Diploma & UG Students.
- Worked with Saraswati college of Engineering Kharghar Navi Mumbai as an Assistant Professor in Mechanical Engineering Department from **1<sup>st</sup> Jan 2016 to 30 June 2016**.

#### **Technical Skills:**

- Design software: AutoCAD (2D), Autodesk Inventor.
- Analysis software: Basics of ANSYS (Mechanical), EES.

#### **Subjects of interest:**

- Thermodynamics, Refrigeration and Air Conditioning, Cryogenics Engineering.
- Heat and Mass Transfer, Modeling and Analysis of Thermal Equipment's.

#### **Projects:**

- **M.Tech Project** **July 2014-July 2015.**  
**Waste Heat Recovery through Air Source Water Heat Pump Using R-407C as Refrigerant**  
 The objective of this work is to investigate the performance of air source heat pump water heater using R-407C refrigerant under different operating conditions. Further, it is also proposed to recover the waste heat of the hot and dehumidified air from the desiccant wheel by integrating the heat pump with the hybrid air conditioning system to achieve cooling and hot water simultaneously.
- **B. Tech Project** **June 2010-May 2011.**  
**Theoretical Investigations of Moving Coil Type Linear Compressor**  
 The Study of linear compressor technology was done and critical parameters affecting performance of moving coil type linear compressor were investigated and analyzed.
- **Diploma Project** **June 2007-May 2008.**  
**Design and Fabrication of Multi-Spindle Drilling Machine**  
 In order to reduce the human effort and production cost, a small scale multi spindle drilling machine were designed and fabricated which serves the purpose and also reduces production time.

#### **Seminars:**

- Presented a review paper on “Air Source Heat Pump Water Heating Systems - A Review” in a National Conference ENACT-2014.

**Publication:**

**Title:** Experimental Investigation of Dehumidifier Hybrid Air Conditioner Integrated Zeotropic Refrigerant Blend R-407C Air Source Water Heat Pump published in **Renewable Energy and Climate Change** Conference Paper at Springer on 04<sup>th</sup> Sept 2019.

**Title:** To study wear characteristics of cryogenically treated T42 high speed steel published in **International Journal of Research and Development Organization** dated 29<sup>th</sup> Feb 2016.

**Courses:**

PG diploma in HVAC from Dimensional Academy of Engineering Mumbai (July 2015 to May 2016).

**Strengths:**

- Good communication and organizational skills.
- Able to work independently and under pressure also.

**Personal Details:**

Name : Juned Riyaz Kazi  
Date of birth : 22-12-1989  
Gender : Male  
Marital status : Married  
Nationality : Indian  
Languages known : English, Hindi, Marathi, Urdu.  
Hobbies/Interests : Teaching, Playing Cricket.

**Declaration:**

I here declare that the above given information are true to the best of my knowledge.

Place: Navi Mumbai

**Juned R. Kazi**