Curriculum Vitae

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**YOUSUF**

E-Mail : yousuf.124910@2freemail.com

Date of birth : 02 Feb 1991

Nationality : Indian

Marital Status : Single

**OBJECTIVE**

To obtain a responsible position as Assistant Professor where my teaching and research experince will be helpful. I am an effective communicator with ability to present complex information to students and individuals. I possess more than 4 years of experience in Teaching and Industry in terms of Designing and various projects, I have excellent track record in the Academics.

**Educational Qualifications**

March 2017-July 2018**Master of Science**, HS Kaiserslautern University of Sciences,

Pirmasens,Germany.

 **Course of Study: Product Refinement**

 **Contents**Advanced Mechanics, Thermodynamics and Heat Transfer, Material

Science, Plastics technology, Injection Molding, Composite

materials, Refining of Polymer Compounds,Fracture Mechanics and

Tribology, Polymer sciences.

**Laboratories** Extrusion, Injection molding, Polymers, Composites.

 Final Grade: 75-80% (As per German Grade)

Sept 2009 - May 2013 **Bachelor of Engineering**, Osmania University, India

 **Course of Study: Mechanical Engineering**

 **Contents**Mechanical Engineering, Production Engineering, Engineering

 Drawing, Strength of materials, Machine Design, Kinematics&

 Dynamics of Machines, Engineering Chemistry, Manufacturing

Technology, Machine Design,Thermal Engineering,Basic Electrical

Engineering,Computer Engineering

**Laboratories** Strength of Materials lab, work shops, Manufacturing Process,

 Faundry, Metal cutting Machine Tool Lab, Hydraulic Machinary Lab,

 Thermodynamics,Heat Transfer lab, Internal Combustion engines lab,

 Refrigeration & Air conditioning Lab.

Final Grade: 85% (Silver Medal)

May 2007 - Aug 2009 **Board of Intermediate,** Pragathi Junior College, India

 Course of Study: Chemistry, Maths& Physics

 Final Grade: 96.6% (Gold Medal)

March 2006 - March 2007 **Board of Secondary Education**, Vani High School, India

Course of Study: Maths, General Sciences, English, Social.

 Final Grade: 91.16%

**Present Research work-Ongoing**

Jan 2018 - June 2018 **DYMO ENGINEERING B.V Berlicum, NETHERLANDS.**

 **Master Thesis-**Design of Clips, Production by Extrusion

**Client**- **MG Vloerverwarming Netherlands**

* Generated detailed drawings and presentation graphics for client review; recorded information from client meetings to drive the Clips design process and mitigate future client discrepancies with the end product.
* Testing and Design of various geometrical shaped clips.
* Collected and entered data on different types of underfloor heating pipe materials and Multilayer pipes with their mechanical and electrical properties for Research.
* Study of EVOH layer effect on recycling and designed different prototypes of clips.
* Gained vast knowledge of various materials and Extrusion manufacturing processes to enhance products with appropriate details expected by customers.

**International Work Experince**

Nov 2015 - Oct 2016 **Noor Jazal Engineering & Contracting Company, SAUDI ARABIA.**

 **Designation- Design Engineer & Procurement Engineer**

* Unparalleled expertise in production, product development, sourcing, cost analysis and reduction, negotiations, quality testing, and technical processes.
* Expertise in HVAC design and Design Soft wares.
* Technical consulting of marketing functions and design agencies
* Support in the coordination of projects for successful completion.
* Following a project from material procurement to theirinstallations.
* Coordinated with different companies involved in a project towards completion and success of a project.
* Created, maintained and organized engineering procedure documents.

**Teaching Experience**

June 2013 - Oct 2015 **Swami RamanandaTirtha Institute of Science & Technology,INDIA.**

**Designation - Assistant Professor in Mechanical Engineering**

* Spearheaded efforts to manage and participate in the departmental curriculum review projects, and ensured that the class achieved a 100% passing score
* Taught core courses of Mechanical Engineering, Thermodynamics, Engineering Drawing, Dynamics& Kinematics of Machines, Strength of materials, Machine Design.
* Prepared and Maintained lab Machine lab exercises.
* Carried out an additional responsibility as the student organization's adviser for one academic year.
* Participated in Training and Placement activities, Attended several conferences and workshops
* Performed academic background reviews to develop tailored lessons based on student needs.

**Study related Activities**

Oct 2013 Presented a technical paper on “Thermodynamic Cycle of Vapour

 Refrigeration System” at MJCET ADSOPHOS during annual student

 Technical Festival of MJCET.

Sept 2012 Organized an event during IGENUS 2012 by EWB MJCET chapter.

**Academic Project**

Aug 2012 - May 2013 Testing and analysis of emission from two wheelers, India

Jan 2018- June 2018 Design of Underfloor heating pipe Clips, Netherlands.

**Academic Achievements**

Aug 2013 Got Silver Medal for 2nd rank in Mechanical Engineering Department.

Aug 2013 Got Merit Awards from Sultan Ul-Uloom Education Society.

Aug 2009 Got Gold Medal in Intermediate education for securing good academic

 Percentage.

**Additional qualifications**

Computer skills MS-Office (Good knowledge)

 C (Basic Knowledge)

CAD AutoCAD (Good Knowledge)

SolidWorks (Good Knowledge)

 CREO (Good Knowledge)

 ANSYS (Good Knowledge)

**Languages**

Deutsch Intermediate (B1 level studying at HS-KL)

English Fluent

Urdu Fluent

Hindi Mother Tongue

Telugu Fluent

**Interests**

Hobbies Travel, Cooking, and Cricket

Reference letters will be furnished upon request.

**April 2018, Netherlands**



**Yousuf**