

PERSONAL INFORMATION

Akshay Bakshi



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POSITION

QUALITY ENGINEER

EDUCATION

28/09/2015–Present

Rhine-Waal University of Applied Sciences, Kleve, Germany

Master of Science in Mechanical Engineering (Material Science)

- **Relevant courses:** Advanced Product Engineering, Advanced Material Sciences, Joining Technology, Quality Management, Six-sigma, Lean production
- **Applied Research Project:** Bio-Polymers analysis and their behaviour under Blending
- **Current CGPA:** 2.8

14/07/2014–15/10/2014

Prolific Systems & Technologies Private Ltd., Pune, India

Post-Graduation Diploma in Advanced Mechanical Systems

- **Modules covered:**
 - A technical approach to Hydraulics and Pneumatics systems
 - Condition Monitoring Techniques and Shaft Alignment Practical Assessment
 - Measurement Technology Basics
 - Industrial pumps and Compressor studies

30/08/2010–05/05/2014

Rishiraj Institute of Technology, Indore, India

Bachelor of Engineering in Mechanical

- **General Subjects:** Engineering Mathematics-I, II, III, Mechanical Vibrations and Noise Engineering, Vehicle Technology, Quality Management and SCM
- **Major Project:** Electricity Generation using Railway Track arrangement
- **CGPA:** 2.03

RESEARCH PROJECT

01/11/2016 – 31/01/2017

BIOTEC Biologische Naturverpackungen GmbH & Co. KG, Emmerich (Germany)

Applied Research Project: Intern in the Quality department

- Viscosity behaviour of different polymers under temperature and shear strength profiles
- Measurement of plastic compounds for melt flow index and melt density
- Gel permeation chromatography of polymers

- Mechanical properties inspection of blended polymers
- Infrared and Near Infrared Spectroscopy of raw materials and polymer compounds

WORK EXPERIENCE

01/10/2014 – 30/11/2014 **Hydroteck Engineering Limited, Pune, India**

Manufacturing Trainee Engineer (Specialization in Hydraulics & Pneumatics)

- Verifying products design and testing finished product
- Providing Technical support to the manufacturing function
- Maintaining the process and Documenting product data base
- Ensuring a standard format for the developed product testing

SKILLS

IT Skills

- Operating Systems : Windows (XP,7,8,8.1,10), Ubuntu
- Software Language : C/C++, UML Diagrams
- Design Language : Workbench 16.0, Radioss-Hyperworks
- Softwares : MS- Word, MS-Excel, MS- Powerpoint

Languages

- English (Business fluent, C2)
- German (Intermediate, B1)
- Hindi (Native Language)

MEMBERSHIPS

Extra-Curricular Activities

- As the Manufacturing head of the University Team, I participated in Virtual round in BAJA-Society of Automotive Engineers INDIA 2012.
- National Go-Kart Championship 2013 participation: Virtual and Dynamic Rounds
- Aero-Modelling Competition participation YAN 2012
- Attended 4 weeks Vocational training on Mechanical Installation Activities in Northern Coalfields Limited, CWS, Jayant.
- Contributed a Research paper on Fuel Trends on a National Seminar in RIT, Indore 2011
- Excursion at SLV Duisburg on January 2016 monitoring different welding processes.
- Successfully completed Lean Production course in online website edX.org with 85% score on March 2018.

Emmerich, 26/04/2018



Akshay Bakshi