

Curriculum Vitae

Personal Information

Surname / First Name	Vishal Mittal
Address	G-132, Church Compound, Bajoria Road, Saharanpur (247001), India
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Email	vishal.vishu.mittal@gmail.com
Date of Birth	01 January 1989
Passport No.	H8093148
Nationality	Indian

Technical Skills & Competences

- Impedance Spectroscopy Analysis, Screen Printing. Familiar with MATLAB, LabVIEW, Z-View, Kiel Simulator, OriginPro 8.
- C Language, PLC Programming (Allen Bradley), Microcontroller Programming in Assembly and C
- Multicultural Understanding, Problem Solving, Quality and Productivity Improvement, Written and Verbal Communication.

Education

Title of Qualification	• Master of Engineering in Analytic Instruments, measurements and Sensor Technology (Feb 2012-Feb 2014).
Institution	Coburg University of Applied Sciences and Arts, Coburg, Germany. (In Cooperation with University of Shanghai for Science and Technology, Shanghai, China)
Subjects	Sensor Technology, Computer Based Measurement Technology, Mathematical Methods of Data Analysis, Chemical Sensors, Computer Simulation of Sensors and Actuators, Photoelectric Detection. Medical Imaging Technology, Silicon Sensors, Digital Signal Processing, Nanometrology, Methods of Instrumental Analysis.
Thesis	Development and Characterization of a Mechanical Resonator Sensor for Concentration Measurement at Binary gas Mixtures.
Title of Qualification	Bachelor of Technology in Applied Electronics and Instrumentation (2005-2009).
Institution	Academy of business and Engineering Sciences, Ghaziabad, India
Projects	Project 1: Microcontroller Based Ultrasonic Distance Meter Project 2: Microcontroller Based Intelligent Incubator

Professional Experience

Company	Institute for Sensor and Actuator Technology, Coburg, Germany
Description	Worked on Master thesis and developed mechanical resonator sensor for aerospace application (Sept 2013 to Feb 2014)
Company	Robert Bosch GmbH
Description	Worked as an Intern and learned about Exhaust Gas Particulate Matter Sensor, Impedance Spectroscopy Analysis, Z-View software and Screen Printing. (1 st Mar 2013-31 st Aug-2013)
Company	Bajaj Hindusthan Ltd.
Description	Worked as Trainee Engineer Responsibilities: Analysis of repetitive equipment failures, PLC maintenance, sensor maintenance, assessing and reporting safety hazards associated with PLC. (September 2009 to August 2010)

Workshops

- 2nd Chinese-German Workshop on Sensor Technology
- organised by USST Shanghai and ISAT Institute Cobourg, Shanghai 2012.
- 4th and 5th International Workshop on “Novel Developments and Application in Sensor Technology”, Coburg, Germany

Scholarships

- Scholarship from Shanghai Municipal Government Scholarship for International Students - Shanghai Municipal Education Commission. Shanghai, 2012.
- Scholarship from German Academic Exchange Service (DAAD). Germany, Oct 12 to Sep 13.

Languages

Hindi(native), English (Fluent) German (A2 Level)

References

- **Prof. Dr. Gerhard Lindner**
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