

# Ansab Ali

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## Educational Information

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- Oct 2014 – Jan 2017 **University of Applied Sciences Offenburg, Germany**  
International M.Sc : Energy Conversion and Management (ECM) focusing on conventional and renewable energy planning and management.
- Jan 2007 – Dec 2010 **NED university of Engineering and Technology, Karachi, Pakistan**  
Bachelor of Engineering - Mechanical Engineering focusing on thermodynamics, stress analysis, fluid mechanics, renewable energy and energy storage.

## Professional Experience

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- Apr 2018 – Aug 2018 **Dipl. Ing. Ludwig Freitag Elektro GmbH & Co KG, Germany**  
Project Engineer
- Technical preparation and evaluation of the orders.
  - Accompanying the projects from the planning phase to acceptance.
  - Contact for project-specific questions.
  - Processing of accepted and release documents.
  - Competent technical support and support for end users.
  - Regular reporting, project documentation and coordination of resources.
  - Project management and cost controlling in the form of milestones, deviation analysis, liquidity monitoring, cost control, risk analysis.
  - Communication with business partners.
- Mar 2015 – Aug 2015 **University of Applied Sciences Offenburg, Germany**  
Intern and Teaching Assistant
- Discover the capabilities of an open-source CFD tool; OpenFOAM in comparison with ANSYS through external aerodynamics.

Jan 2012 – Sep 2014

**K-Electric Ltd., Karachi, Pakistan**

Assistant Manager Performance & HSEQ

- Responsible for the generation plant equipment (Gas Engines) to operate in optimal performance.
- Engineering study pertaining to plant enhancement, monitoring of test routines, availability and reliability improvement techniques.
- Ensure investigation, analyzing and reporting of all power plant performance along with root cause analysis.
- Monthly report generation through SAP Plant Maintenance Module including fuel and generation costing analysis.
- Ensuring safe work practices in the field by implementing LOTO system.
- Carrying out safety audits and inspections.
- Development of HSE plan, review & revise as required.

Apr 2011 – Dec 2011

**Atlas Battery Ltd, Karachi, Pakistan**

Assistant Manager Production

- Work out a feasible production schedule that allows both quantity and quality.
- Development of plans to improve and expand overall production capacity.
- Work force management for 40 workers.
- Inputs for Quality Control Cycle.

## Educational Projects and Thesis

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May 2016 – Dec 2016

**University of Applied Sciences Offenburg, Germany**

- Masters Thesis : Aerodynamic analysis and performance evaluation of high speed transonic compressor using ANSYS CFX and OpenFOAM .

Oct 2015 – Jan 2016

**University of Applied Sciences Offenburg, Germany**

- Project : Design of ´Energy-efficient Plastics Processing Plant´. Group specific task was to design a system to cater the overall cooling demand with maximum waste heat recovery.

Oct 2015 – Jan 2016

**University of Applied Sciences Offenburg, Germany**

- Project : Design of a ´Plus Energy Village´. The district heating network (DHN) consisting of the energy supply in terms of domestic hot water (DHW) and space heating (SH) was designed from planning prospective.

Jan 2010 – Dec 2010

**NED university of Engineering and Technology, Karachi, Pakistan**

- Bachelor of Engineering Final Year Project : Feasibility study to design a 10-MW Wind Farm in wind corridor of Sindh (Pakistan) by using wind energy computing software.

May 2008 – Aug 2008

**NED university of Engineering and Technology, Karachi, Pakistan**

- Project : Design and Fabrication of small size ball mill.

## Achievements

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| STIBET Scholarship | <ul style="list-style-type: none"><li>• Awarded STIBET scholarship from University of Applied Sciences Offenburg in November 2015</li></ul>    |
| OHSAS 18001:2007   | <ul style="list-style-type: none"><li>• Assisted the HSEQ Manager in achieving OHSAS 18001:2007 certification for plant in year 2012</li></ul> |
| EMS/ISO 14001      | <ul style="list-style-type: none"><li>• Obtained EMS/ISO 14001 certification for the plant in year 2013</li></ul>                              |

## Knowledge & Skills

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| Languages       | <ul style="list-style-type: none"><li>• English: Fluent (IELTS 8.0)</li><li>• German: Intermediate (B1.1)</li><li>• Urdu : Mother tongue</li></ul>  |
| Computer Skills | <ul style="list-style-type: none"><li>• Fluid Mechanics : ANSYS CFX and OpenFOAM</li><li>• Ms Project (Intermediate Level)</li><li>• Microsoft Office (Word, Excel, Power Point)</li><li>• SAP (PM)</li><li>• Windographer and WindFarmer</li><li>• MATLAB-SIMULINK (Basic)</li></ul> |

## Trainings

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| Quality Management         | <ul style="list-style-type: none"><li>• Training organized by AOTS Pakistan (Association of Overseas Technical Scholarship) and PJBF (Pakistan Japan Business Forum)</li></ul>                |
| K-Electric Safety Training | <ul style="list-style-type: none"><li>• Basic Fire Fighting</li><li>• Fire Accident Response.</li><li>• Aspect Impact Analysis.</li><li>• Hazard Identification and Risk Assessment</li></ul> |

