



Muhammad Adil Sandhu

Metallurgy & Materials Engr.

Profile

A hard-working individual with meticulous skills, in possession of an intuitive sense of engineering knowledge. Peerless multi-tasking abilities with strong knowledge, seeking to further carve my skills to excellence and expand my intellect to broader horizons and to achieve distinctions and honours by imparting my personal skills in a dynamic and an object-oriented organization.

Contact

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Projects

GASENSE.

Fabrication of Metal Chalcogenide Nanostructures for Toxic Gas Sensing Applications.

Skills

Nanomaterials – Intermediate

NDT – Intermediate

Polymers – Advanced

Mechanical Testing – Intermediate

Heat Treatment – Intermediate

Quality Management – Advanced

MS Office – Intermediate

Human Resources – Advanced

Public Management – Intermediate

Team Building - Advanced

Project Management – Intermediate

Responsibility – Advanced

Work Experience

INTERNSHIPS:

- ***Oil and Gas Development Company Limited (OGDCL) – Pakistan*** 08 – 09/2018

Works in Process, Production and Maintenance Department and learns about the Corrosion procedures in the pipelines and how many types of corrosion protection techniques are used.

- ***Pakistan Council of Scientific and Industrial Research – Pakistan*** 08 – 09/2017

To work in the PITMEAM department and testing of different materials by various methods like Jewellery Hallmarking, Metallography, Mechanical Testing and Non-Destructive testing.

- ***Plasco Pipes Industries (Pvt) Ltd. – Gujrat, Pakistan*** 07 – 08/2017

To work in Quality Control and Quality Assurance department to check whether the desired product meets the standard requirements.

CLUBS AND SOCIETIES:

- ***NUST Literary Circle*** 09/2016 – 06/2017
Director – Human Resources

Directed and regulated coordination and communication across the society.
Defined and tracked the overall effectiveness and adjusted strategies accordingly.

- ***NUST Alumni Network*** 10/2016 – 12/2017
Fundraiser Volunteer

Supervised and assisted teams in planning and execution of events.
Volunteer in 101 – Acts of Kindness and raised a money of 2 Million for scholarships.
NEED Initiative which is fundraising cricket tournament for raising money for scholarships.

- ***Finding Innovative & Creative Solutions for Society (FICS), NUST*** 10/2016 – 06/2017
Deputy Director – Admin Events

Supervised and running the operations and successful execution of events.

Education

- BE Materials Engineering*** 2014 – 2018

National University of Sciences and Technology (NUST) – Islamabad, Pakistan

- Intermediate, Pre-Eng.*** 2011 – 2013

Punjab College – Sargodha, Pakistan

- Matriculation, Science*** 2009 – 2011

FAZMIC Mushaf – Sargodha, Pakistan

Achievements

- Finalist and ranked 4th in FICS 2018 (GASENSE)
- Final year project is selected for patent ship by Rector NUST.
- Best Director (Award)
- Driving License
- Mensa IQ Test