

## SHAHID NAZIR

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### Education

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#### COMSATS INSTITUTE OF INFORMATION TECHNOLOGY, SAHIWAL CAMPUS

Sahiwal, Pakistan

*Bachelors in Mechanical Engineering*

2014-2018

- 3.33/4

#### GOVT. COLLEGE OF TECHNOLOGY, BAHAWALPUR

Bahawalpur, Pakistan

*Intermediate (DAE Mechanical)*

2010-2013

- 82.4%

### Experience

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#### KOT ADDU POWER COMPANY LIMITED (KAPCO), UNIT-I

Kot Addu, Pakistan

*1<sup>st</sup> largest furnace oil based power plant of Pakistan-1600 MW*

*Internee (July, 2016 – Aug, 2016)*

- *Teamwork:* Analyzed and performed “Energy & Exergy Analysis” along with 3 other group members
- *Analytical thinking:* Proposed solutions to increase the efficiency based on above analysis.

### Academic Activities

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#### FINAL YEAR PROJECT & THESIS

Sahiwal, Pakistan

*Effect of Water-Ethanol Mixture as a Function of Vapour Velocity on Integral-Fin Tubes*

- *Increases Retention Angle:* Retention angle is directly related with condensation, from my work increased retention by optimum concentration of ethanol which is more effective economically.

#### SEMESTER PROJECT

Sahiwal, Pakistan

*Investigation of Solar Powered Vapor Absorption Refrigeration System in Sahiwal*

- *Problem solving and creativity:* Designed and manufactured a VARS on the basis of solar powered in Sahiwal region

### Honors and Awards

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#### ACADEMIC SCHOLARSHIPS

Sahiwal, Pakistan

- Received full merit-based academic TALENT HUNT scholarship from COMSATS University (2014).
- Received fully funded merit and need based academic scholarship from Higher Education Commission Pakistan (2014-2018).

#### AWARDS

Sahiwal, Pakistan

- Received merit-based Laptop Award from Prime Minister of Pakistan (2016).

### Additional

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- *Skills:* ANSYS Mechanical, Solid works, AutoCAD, MS Office.
- *Interests:* Watching videos about technology and innovation, Reading articles and blogs, Social work and play cricket.
- *Language:* English, Urdu