

Curriculum Vitae



Name: Ali Nadeem
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Residential Address: House # GH-6, Punjab University residential colony, New Campus, Lahore
Marital Status: Married
C.N.I.C. No. 35202-7613767-9
Present Positions: **Lecturer,** Institute of Chemical Engineering & Technology, University of the Punjab Lahore, Pakistan.

Qualification:

Examination	Year	Institution
M.Sc. (Engg.) Chemical Engineering	2012	Institute of chemical Engineering & Technology, University of the Punjab, Lahore.
B.Sc. (Engg.) Chemical Engineering	2010	Institute of chemical Engineering & Technology, University of the Punjab, Lahore.
F.Sc, Pre Engineering	2005	Govt. College of Science, Lahore
Matriculation	2003	Syed Public High School, Lahore

TEACHING EXPERIENCE

Lecturer, Institute of Chemical Engineering & Technology, University of the Punjab Lahore.
21-04-2014 to date

Process Safety Engineering

(2 credit hours per week)

- Full responsibility for designing content
- Delivered lectures for whole academic session of approximately **100 undergraduate students** and course assessment.

Engineering materials

(2 credit hours per week)

- Full responsibility for designing contents
- Delivered lectures for entire academic session of approximately **100 undergraduate students** and course assessment.

International Systems & Standards

(2 credit hours per week)

- Full responsibility for designing contents.
- Delivered lectures for entire academic session of approximately **100 undergraduate students** and course assessment.

Fluid & Particle Mechanics Lab

(4 Credit hours per week)

- Responsible for lab instructions, supervision and assessment.
- Instructed students to perform different experiments of Flow Meters, Pumps, Fluidized Bed Reactors and Filtration.

Separation Process Lab

(4 Credit hours per week)

- Responsible for lab instructions, supervision and assessment.
- Instructed students to perform different separation techniques like Distillation, Liquid-liquid Extraction, Evaporators, Absorption Columns, Crystallization, Leaching and Dryers.

Research Officer, Institute of Chemical Engineering & Technology, University of the Punjab
Lahore.

30-11-2011 to 21-4-2011

Research Project:

- Collaborated research studies including Thermal and Kinetics analysis of Pakistani Coal & Biomass under oxidative and inert atmospheres.

Undergraduate Projects Supervision:

Supervise the following undergraduate design projects including Literature Survey, Material and Energy balance, Design of Equipments, Instrumentation & Control and Cost Estimation.

- Diesel Production by Pyrolysis of used Tires.
- Removal of CO₂ by a-MDEA Process.
- Recovery of LPG from Natural Gas.

Undergraduate Process Report Supervision:

Supervised the following undergraduate mini projects including Feasibility Study Literature Survey, Process Selection, Flow sheeting and effect of processing variables on the behavior of the process.

- Fuels Production from Waste Plastic through Pyrolysis
- Coal to Fuels by Fischer Tropsch Process.
- Liquefaction of coal

PROFESSIONAL EXPERIENCE

Trainee Chemical Engineer **Descon Integrated Projects Ltd.**
16-08-2010 to 28-12-2011

PROFESSIONAL ASSOCIATIONS

- Registered Engineer of Pakistan Engineering Council (PEC NO Chem/8322).
- Member of Pakistan Institute of Chemical Engineering (PIChE).
- Member of Alumni Association of Chemical Engineering Department, Lahore.

LEADERSHIP & ACTIVITIES

- **Member** of Quality Enhancement Cell (QEC) Team, Punjab University, Lahore.
- Organizing Member of **PEC Re-Accreditation committee** of Chemical Engineering Department.
- Organized **three** Symposiums on Engineering Sciences in the Department of **Chemical Engineering** in 2014, 2015 & 2016.
- Organizing member of Punjab University **Book Fair** 2015.
- Organizing member of Punjab University **Convocation Committee**.

RESEARCH INTERESTS

- My research interest lies in the area of co-combustion of Coal & Biomass for Sustainable Energy Production.

REFERENCES

Name: Prof. Dr. Shahid Munir (*PhD from University of Leeds, UK*)

Designation: Professor and Director of Centre for Coal Technology, University of the Punjab

Address: Institute of Chemical Engineering & Technology, University of the Punjab,
Lahore, Pakistan.

Contact No: +92- 304-4246275

Email Address: director.cct@pu.edu.pk

Name: Dr. Syed Nadir Hussain (*PhD from University of the Manchester, UK*)

Designation: Assistant Professor

Address: Institute of Chemical Engineering & Technology, University of the Punjab,
Lahore, Pakistan.

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