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ASRA NAFEES

Objective

To work at a position and with an organization that can provide me with opportunities to utilize my knowledge and skills to their fullest and challenges to enhance them further.

Educational History

2021	PhD. In Progress NED University of Engineering and Technology, Karachi
2016-2018	Masters (Polymer Engineering) NED University of Engineering and Technology, Karachi 3.85 CGPA
2007-2011	BE (Polymer & Petrochemical Engineering) NED University of Engineering and Technology, Karachi (1 st division)
2005-2007	HSC Sir Syed Govt. college for women, Karachi. A Grade(75%)
2004-2005	SSC The Mama Parsi Girls' High School, Saddar, Karachi A-one Grade(84%)

Internship

NATIONAL REFINERY LIMITED (4 weeks)
(Worked in operations department)

Projects

University Projects

- Mechanics project (Trusses design)
- **Production and Design Studies of Ethylene Unit Based on LPG (Final Year Project).**

Workshops

- Fittings and Carpentry Jobs
- Classroom management
- Lesson planning and assessment criteria
- Electronic technology Integrated Lesson plans.

Experience

- **Teaching experience at Beaconhouse School System**
(2 years 9 months)
- **Lab Engineer at NED University of Engineering and Technology (Contract Basis)**
(Polymer & Petrochemical Department)
(2 Years)
- **Lecturer at NED University of Engineering and Technology (Regular)**
(Polymer & Petrochemical Department)(from 2016 onwards)

Roles and Responsibilities.

Beaconhouse School System

- Preparing lectures
- Conducting classes with students
- Helping head of the school in preparation of online result
- Invigilating and conducting exams

Ned University of Engineering and Technology Karachi (continued)

- Preparing Lectures
- Conducting Classes in undergraduate program
- Conducting labs
- Class Advisor

Teaching courses

- The Foundation Course(Beaconhouse School System)
- Electronic Technology Foundation Course(Beaconhouse School System)

Publications

1. Exploring the Properties of Recycled Tyre Rubber for Flexible Asphalt Pavement
Nadia Khan* , **Asra Nafees**, A. Hussain, G. Zaidi, M. Osama and S. Ghaffar
2. Reinforcement of Lime Ash Particles in LDPE
N. Khan* , Z. Ahmed, M.A. Wasif and **A. Nafees**
3. Selection of Appropriate Model for the Synthesis of Coal Water Slurry (CWS) Using PVA and TEANadia Khan;
Syed Ali Ammar Taqvi; Hamza Bin Rafiq; **Asra Nafees**; Haslinda Zabiri

4. Development of Enhanced Polymer Fiber Reinforced Concrete

Asim Mushtaq, **Asra Nafees**, Raza Muhammad Khan, Amina Israr, Zaeem Uddin Ali

CONFERENCE PAPER:

1. Effect of Xanthum gum concentration on the rheological properties of Commercial Tomato Ketchup

Rafiq Ahmed, R.M Khan , **Asra Nafees**

Participated in 2nd International Conference on Advance Materials & Process Engineering

**Courses completed Through CCEE (NED
University of Engineering and Technology)**

- Petroleum Refinery Engineering (3.4 GPA)

Interests/ Activities

Conferences:

- Worked in the organizing committee in the International Conference of Advanced Material and Process Engineering (First & Second)
- Participated & presented a paper in 2nd International Conference of Advance Materials & Process Engineering.

Society:

- Worked as a member of Public relations team in Society of Polymer and Petrochemical Engineers.

Seminars:

- Attended Seminar on Technicalities of Distillation column *(Organizer)*
- Attended Seminar on Environment Health & Safety *(Organizer)*
- Attended Seminar on Rubber Technology *(Organizer)*
- Attended Seminar on First thirty days in an Industry
- Attended Seminar on Utilities
- Attended Seminar on Process safety & Hazards *(Organizer)*

Trainings:

- Implementation of Objective 2k16 (Effective Teaching & Learning Practices) (NED)
- Roles & responsibilities of Class Advisor (NED)
- Roles & responsibilities of an Invigilator & Examiner (NED)
- Completed 3 days Training on MATLAB (NED)
- Completed training on Faculty Development Program by QEC (NED)

Rewards:

- Awarded certificate as the most supporting staff member at Beaconhouse School System.
- Awarded appreciation certificate at Beaconhouse School System.

Other skills

- Fluent in English
- Good computer handling(MS Office, Hyses, Matlab)
- Good Management Skill
- Good Communication Skills.

References

Will be furnished on request