

# Asjad Ali

## Mechanical Engineer

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### EDUCATION

#### National University of Sciences and Technology

September 2022- June 2026

*Bachelor of Mechanical Engineering*

### WORK EXPERIENCE

#### Science and Engineering Services Dte - National Centre of non-destructive Testing

June 2024 – August 2024

*Manufacturing Intern*

- Conducted non-destructive testing (NDT) and welding inspections, analyzing material integrity and weld quality using industry-standard techniques.

#### Ibex Group of Companies

July 2023 – August 2023

*Project Development Manager*

- Managed a game development project of 0.5 million PKR named "Footy Brains" and a math quiz game, overseeing data gathering, Excel sheet finalization, and team subcontracting.

### EXTRA CURRICULAR ACTIVITIES

#### SMME Piston Cup'23-24

September 2024 – December 2024

*Director Admin Coordination - Vice President Operations and Resources*

- Led a dynamic team of 70 individuals at SMME PISTON CUP, overseeing 5 portfolios including event management, admin coordination, security, logistics, and decoration while managing a budget of 1.2 million PKR (sponsors and ticketing Included)
- Collaborated with 15 directorate members to drive operational excellence and achieve successful event outcomes.
- Marketed a ticketed autoshow social event gaining a revenue of about 0.25 million PKR (over 1000 tickets sold)

#### Student Council of SMME'22-25

December 2022 – March 2023

*Executive - Director Admin Events - General secretary*

- Managed 3 portfolios including Marketing, admin events, and Sports with 35 members.
- Budgeted all sports and sessional events under an annual budget of 0.2 million PKR.

#### Nust Media Club 23-25

October 2023 – November 2023

*Deputy Director Operations - General Secretary*

- Managed the coordination of the graduating batch's quotes, photographs, achievements, and faculty goodwill notes, ensuring a seamless execution

### PROJECTS

#### Mousetrap Car

September 2024 – May 2025

*ASME Design Challenge*

- Designed and optimized a mousetrap-powered car, applying physics principles to maximize efficiency, reduce friction, and enhance performance through iterative testing.

#### Temperature Control and Energy Monitoring System

February 2023 – December 2023

*Lab Project*

- Developed an ESP32-based automated heating and cooling system with real-time power monitoring, safety features.

### Volunteer Work and Community Service

#### Director Admin Coordination, NUST HAAMI CAMPAIGN

November 2024 – February 2024

- Led a team of 16, including 4 deputy directors, to plan and execute a successful fundraiser featuring sports activities and a concert, managing event logistics, coordinating approvals, and ensuring seamless execution while achieving fundraising targets.

#### Publications Volunteer, SPES\_NGO

June 2023 – August 2024

- Served as a Publications Team member at Spes, creating impactful content to raise mental health awareness in Pakistan, collaborating on targeted posts and articles to educate and inform audiences.

### SKILLS

- |                       |                          |                     |
|-----------------------|--------------------------|---------------------|
| • Communication       | • Collaboration          | • Initiative Taking |
| • Conflict Resolution | • Team Management        | • Leadership        |
| • Strategic Planning  | • Critical Thinking      | • Problem Solving   |
| • Budget Management   | • Cross Team Functioning | • Decision Making   |