

FATIMA ABBAS.

Address : House # 146, Street # 6, Block A
E-18 Gulshan-e-Sehat,
Islamabad, Pakistan
Mobile No. : 03475887091
Email : syedah.f.a@gmail.com

OBJECTIVE

Learning new technologies, building different professional skills, polishing the existing skills and applying these skills and technologies and the already learnt skills from my educational career in improvement of my profession.

ACADEMIC CAREER

COURSE	COLLEGE/UNIVERSITY	YEAR	GRADE
BS (Mechanical Engineering)	HITEC University, Taxila Cantt	2017	CGPA 3.39 Bronze Medalist
FSc(Pre-Engineering)	St. Lawrence Govt. Girls Degree College, Karachi	2011	A (79%)
Matric(Computer Science)	Aisha Bawany Academy, Karachi	2009	A+ (85%)

SKILLS

- Microsoft Word
- Microsoft PowerPoint
- Creo
- AUTOCAD
- ANSYS
- MATLAB
- CNC Simulator

FINAL YEAR PROJECT DEATILS

Designing and fabrication of Solar Passive Space Heating System by using Trombe wall technique. Design is made for a space for warming it during winters. The building's South wall is covered with glazing. Glazing absorbs the solar radiations whole day long and simultaneously transfer to the Trombe wall that is placed between the glazing and the room. Trombe wall is a wall that stores and transfers heat at the same time. And later the heat stored in the wall is transferred in the room at night. For this project tools that we used includes pyranometer to note the value of solar radiations falling on the flat surface, sensors were used for reading the temperatures of trombe wall, inside room and ambient. The software used was MATLAB for calculations and comparisons using different design parameters by generation of graphs.

OTHER PROJECTS

- Designing of a steering assembly on Creo
- Programming for a job on CNC Simulator
- Designing and manufacturing of a compound gear train

ACHIEVEMENTS

- Secured Bronze Medal for achieving third position in batch
- Availled merit scholarship twice for securing the first position in first two semesters
- Won 1st prize in Hydraulic Crane Competition in IST Youth Carnival'17
- Won 2st prize in Script Writing Competition in IST Youth Carnival'17
- Won 1st prize in Avion Faire Competition in IST Youth Carnival'16
- Won 2st prize in Rebranding of Product Competition in IST Youth Carnival'16
- Won best script prize in HITEC Drama Fest'15

MANAGEMENT SKILLS

- Managed two events in Science Week '16 under ASME HITEC Chapter as Event Head
- Managed water rocket competition in HITEC OLYMPIAD '16 under ASME HITEC Chapter as Event Head

ADDITIONAL INFORMATION

- Vice President at ASME HITEC Chapters (2016-17)
- Event coordinator at ASME HITEC Chapter (2015-16)
- Member in SMEP HITEC Chapter (2014)
- Member in ASHRAE HITEC Chapter (2014)
- Member in ASME HITEC Chapter (2013, 2014)

EXTRA CARRICULAR

- Participated in many technical, writing and athletic events inside and outside the institute
- Voluntarily teaching twice before university
- Hosted in different events and performed in multiple skits
- Hobbies are reading books, writing novels, painting, watching and playing sports