



JOIN US & GROW WITH US
The Hunar Foundation, Karachi,
Pakistan

Position Title: “**Instructor - Robotics**”

Job Responsibilities:

- Reading, writing, analyzing and interpreting technical procedures and schematics
- Designing software to control robotic systems, such as those robots used for manufacturing, packaging and palletizing etc.
- Designing automated robotic systems that are used to increase the production and precision levels within specific industries
- Analyzing and evaluating the prototypes and robotic systems
- Debug robotics programs and systems
- Analyzing, reviewing and approving cost estimates and design calculations
- Process or interpret signals or sensor data
- Integrate multi-axis robotic arm with peripherals, such as different end effectors used for vision, force control, picking, placing, labelling, sorting, palletizing etc.
- Investigate mechanical failures or unexpected maintenance problems
- Write algorithms and programs (codes) for robot applications
- Design automated robotic systems to increase production volume or precision in high-throughput operations
- Conduct research on latest robotic technology to create new robotic systems or system capabilities
- End to end automation of assembly lines
- Evaluating and calibrating robotic systems for maximum efficiency
- Teaching plans - presentations, lectures, notes and briefings
- Teach and supervise, technologists, technicians, or other engineers
- Serving as technical support for the robotic systems that are designed and created
- Maintaining accurate documentation and records

Competencies & Skills:

1. Excellent interpersonal, verbal, and written communication skills
2. Proven ability of industrial automation
3. Proven skills in writing software and programming systems
4. Able to apply advanced mathematical concepts
5. Create prototypes and work on necessary controls and hardware (e.g. microcontroller, PLCs)
6. Familiarity with cobots and block programming
7. Familiarity with artificial intelligence.
8. Should be well versed in English Language (Spoken & Written).

9. Fresh graduate can be considered with strong theoretical and practical knowledge. Final year project (FYP) related to Robotics/Industrial Automation is a plus point

Gender:

No Preference

Age:

22 – 35 Years

Minimum Education:

BE/BS
(Mechatronics/Industrial
Automation/Electronics or
Electrical Engineering

Experience:

1-2 Years of relevant
industry.

Salary Range:

50,000 - 70,000

Job Location:

Korangi Creek, Karachi,
Pakistan.

Interested candidates may send their updated resumes at **careers@hunarfoundation.org** latest by **June 05, 2021**. Please mention the position in the subject line.