

Research Assistant Position in ROMI Lab

If interested, please contact Dr. Latif Anjum (latif.anjum@seecs.edu.pk)

Deadline: Dec 28, 2021

Job Title	Research Assistant
School/Institute/Centre	SEECS
1	Purpose of the Position
	Robotics & Machine Intelligence (ROMI) Lab at NUST-SEECS is looking for an enthusiastic applicant for a Research Assistant position in EE. The project is about developing indigenous localization/mapping algorithm for mobile robot navigation using onboard sensors and Kalman filter. It will require developing a visual tracking platform using c++/python. This is an HEC funded position for the period of 06 months.
2	Functions/Duties (Key Responsibilities)
	The applicant will be: <ul style="list-style-type: none">• Working under the supervision of Principal Investigator (Dr. Latif Anjum)• Implement a visual tracking module for robots• Working towards developing ROS node for localization/mapping.
3	Starting Date
	The RA will be hired for the duration of 06 months starting from Jan – 2022. Standard salary as per HEC guidelines will be paid.

PERSON SPECIFICATION

	Essential	Desirable
Qualifications	MS Student (EE, CS) Experience/efficiency in developing large scale programming system using C++ or python.	Some knowledge of computer vision
Experience	MS Students currently enrolled in EE	Developing a working system programmed in C++/python
Knowledge/ Skills/Abilities/ Competencies	<ul style="list-style-type: none">• Efficient in programming (C++, Python)• Debugging/modifying implemented large – scale system code written in C++• Some knowledge of computer vision and 3D pose extraction would be a plus.	