



NATIONAL AEROSPACE SCIENCE AND TECHNOLOGY PARK

WE'RE HIRING!

SYSTEMS ENGINEER (RF&Microwave/DSP/Embedded)

Your chance to work on cutting-edge technologies with highly competitive salary, positive work culture and training opportunities

Main Responsibilities

- Identification of Customer's Operational Requirements
- Translation into Technical Requirements
- Subdivision to Functional, Performance, Mechanical & Interface Requirements
- Definition & Design of System Architecture
- Project Documentation
- Integration, Validation & Qualification
- Final Verification & Testing with Customer
- Platform Installation & Operational Test Support
- Project Planning, Management, and Development
- Support to Sales & Marketing Teams in Preparing Proposals & Cost Estimates
- Coordination with Vendors, Industry & Academia

Educational Qualification

PhD/MS/BE [Electrical/Electronics/Avionic/Embedded] from reputable International / National University
Preferred (CGPA > 3.3 & proven track record of R&D in DSP, RF & Microwave)

Previous Experience

Able to apply Systems Engineering & Project Management principles. Able to demonstrate capability for successful completion of projects from customer needs to manufacturing, while staying within time & cost constraints. Know-how of product testing, validation, acceptance, documentation, standards & certifications. Hands-on experience with relevant design software tools. Detailed knowledge in relevant domain.

Available Domains

Domain	Basic Requirements	Preferred Skills
RF & Microwave	RF & Microwave systems design, simulation, testing and validation	CST / HFSS / COMSOL / ADS / MATLAB
Digital Signal Processing	Optimized DSP design on SDRs and Embedded Platforms	LabView / GNU Radio / MATLAB / Python / C / C++
Embedded Systems	FPGA, μ Processor & μ Controller embedded SW/FW development	RFSoc / Vivado / HDL / C++ / C

Note for Applicants

- (1) Short listed applicants will undergo a test followed by interviews
- (2) For test/interviews, please come prepared with knowledge of respective domain
- (3) On success in interviews, applicants should be able to join on very short notice
- (4) Selected applicants may be required to sign a bond
- (5) Attached CV should include references and relevant R&D experience

For more information visit www.nastp.gov.pk/alpha or email to chancetoinnovate@outlook.com
Apply : <https://forms.gle/WpuQWz7MDahxn26VA>