

Engr. Humera Rafique

Designation	Assistant Professor, Mechatronics Engineering
E-mail	humera.rafique@szabist.edu.pk
Academic Carrier	<ul style="list-style-type: none">• M.S Electronic Engineering (Telecommunication), SSUET, Karachi, IRP.• B.S Electronic Engineering, SSUET, Karachi, IRP.
Expertise	<ol style="list-style-type: none">1. Signal Processing2. Pattern Matching3. Machine Learning
Teaching Experience	14 years
Research Experience	10 years
Professional Memberships	PEC
Teaching Interest	<ol style="list-style-type: none">1. Signal Processing/Image Processing/Filter design/TI TMS DSKs2. Circuit and Network Analysis3. Electronic Devices and Amplifiers4. Technical Computing (Octave/Matlab)5. Control Systems6. Analog and Digital Communication Techniques
Research Interest	<ul style="list-style-type: none">• Machine learning• Pattern matching• Noise removal from video, audio and image signals acquired in ordinary environment• Celestial image acquisition and processing
Honors	<ul style="list-style-type: none">• Member Board of Studies SZABIST Mechatronics Department