		MSc-EE PROGRAM OUTCOMES	NATIONAL QUALIFICATIONS OF RELATED FIELDS															
			A1	A2	B1	B2	B3	C1	C2	C3	D1	E1	E2	E3	E4	F1	F2	F3
ALL PROGRAMS	1	Develop the ability to use critical, analytical, and reflective thinking and reasoning									X	X	X					
	2	Reflect on social and ethical responsibilities in in his/her professional life.														X		
	3	Gain experience and confidence in the dissemination of project/research outputs										X						
	4	Work responsibly and creatively individually or as a member or a leader of a team and in multidisciplinary environments.		X				X	X	X								X
	5	Communicate effectively by oral, written, graphical and technological means and have competency in English.										X		X	X			
	6	Independently reach and acquire information, and appreciation of the need of continuously learning and updating.									X							
ENGINEERING	7	Design and model engineering systems and processes and solve engineering problems with an innovative approach.			X		X		X				X					X
	8	Establish experimental setups, conduct experiments and/or simulations			X		X											
	9	Analytically acquire and interpret data.			X	X												
PROGRAM SPECIFIC	10	Use advanced Math (including probability and/or statistics), advanced sciences, advanced computer and programming, and advanced Electronics engineering knowledge to design and analyze complex electronics circuits, instruments, software and electronic systems with hardware/software.	X		X		X	X	X		X	X			X			
	11	Analyze and design advanced communication networks and systems, advanced signal processing algorithms or software using advanced knowledge on diff. equations, linear algebra, complex variables and discrete math	X		X		X	X	X		X	X			X			