FIELDS OF QUALIFICATIONS IN NQF-HETR: ENGINEERING		Program Outcomes (POs)									
		P01	P02	P03	P04	P05	P06	P07	P08	P09	P10
	KNW1										
Knowledge	KNW2										
	KNW3										
	KNW4										
Skills	SKL1										
	SKL2										
	SKL3										
	SKL4										
Competence to Work Independently and Take Responsibility	ARC1										
	ARC2										
	ARC3										
	ARC4										
	ARC5										
	ARC6										
Learning Competence	LLC1										
	LLC2										
	LLC3										
	LLC4										
Competence (Communication and Social Competence)	CSC1										
	CSC2										
	CSC3										
	CSC4										
	CSC5										
	CSC6										
	CSC7										
	CSC8										
Field Specific Competence	OVC1										
	OVC2										
	OVC3										
	OVC4										

NATIONAL QUALIFICATIONS FRAMEWORK FOR ENGINEERING (ACADEMICALLY ORIENTED) 7 th Level (MASTER'S DEGREE)											
			COMPETENCES								
KNOWLEDGE		CILLS	Autonomy & Responsibility	Learning to Learn	Communication and Social	Occupational and/or Vocational					
NQF-HETR -Theoretical	al -Co	ognitive	Competence (ACR)	Competence (LLC)	Competence	Competence (OVC)					
VEL -Conceptual -		ractical									
Qualification	s that signify comp	oletion of the seventh cyc	le are awarded to students who								
KNW1-have a advanced known the field of e through scien research; eva interpret and knowledge. KNW 2-have knowledge on techniques a used in enging the constraint techniques a techniques a used in enging the constraint techniques a mapply knowledge for different disconventions in the second techniques and the second techniques a	access to skidedge in applications, and apply extensive necent production and methods endering, and developing and acceptance of the production and methods in a scientific and	L 1- complete and ply knowledge based climited or deficient ta through scientific ethods; integrate owledge from ferent disciplines. L 2- define oblems related with gineering; and velop methods for eir solution, and use novative methods in oblem solving. L 3- generate new d/or original ideas d methods; and velop innovative lutions in system, mponent or process signs. L 4- design and nduct analytical, odeling and periment-based search; solve and terpret complex oblems encountered this process.	ACR 1- assume the leadership role in multidisciplinary teams; produce solutions in complicated situations and take responsibility. ACR 2- have access to advanced knowledge in the field of engineering through scientific research; evaluate, interpret and apply knowledge. ACR 3- complete and apply knowledge based on limited or deficient data through scientific methods; integrate knowledge from different disciplines. ACR 4- define problems related with engineering; and develop methods for their solution, and use innovative methods in problem solving. ACR 5- generate new and/or original ideas and methods; and develop innovative solutions in system, component or process designs. ACR 6- design and conduct analytical, modeling and experiment -based research; solve and interpret complex problems encountered in this process	LLC 1- are aware of new and developing applications in the profession; examine and learn these applications, when required. LLC 2- complete and apply knowledge based on limited or deficient data through scientific methods; integrate knowledge from different disciplines. LLC 3- define problems related with engineering; and develop methods for their solution, and use innovative methods in problem solving. LLC 4- generate new and/or original ideas and methods; and develop innovative solutions in system, component or process design.	CSC 1- establish oral and written communication in a foreign language at minimum B2 level, as defined by the European Language Portfolio. CSC 2- report systematically and clearly in written or oral form the processes and results of their research/work in national and international settings. CSC 3- describe social and environmental aspects of engineering applications. CSC 4- have access to advanced knowledge in the field of engineering through scientific research; evaluate, interpret and apply knowledge. CSC 5- complete and apply knowledge based on limited or deficient data through scientific methods; integrate knowledge from different disciplines. CSC 6 - define problems related with engineering; and develop methods for their solution, and use innovative methods in problem solving. CSC 7 - have extensive knowledge on recent techniques and methods used in engineering, and the restrictions of these techniques and methods. CSC 8 - design and conduct analytical, modeling and experiment - based research; solve and interpret complex	OVC 1- comply with social, scientific and ethical values in the process of collecting, interpreting and reporting data, and in all professional activities. OVC 2- complete and apply knowledge based on limited or deficient data through scientific methods; integrate knowledge from different disciplines. OVC 3- assume the leadership role in multidisciplinary teams; produce solutions in complicate situations and take responsibility. OVC 4- report systematically and clearly in written or oral form the processes and results of their research/work in national and international settings.					