

FIELDS OF QUALIFICATIONS IN NQF-HETR: ENGINEERING		PROGRAMME OUTCOMES (POs)						
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
Knowledge	KNW 1							
	KNW 2							
Skills	SKL 1							
	SKL 2							
	SKL 3							
	SKL 4							
	SKL 5							
Competence (Autonomy and Responsibility Competence)	ARC 1							
	ARC 2							
	ARC 3							
Competence (Learning to Learn Competence)	LLC 1							
	LLC 2							
	LLC 3							
	LLC 4							
Competence (Communication and Social Competence)	CSC 1							
	CSC 2							
Competence (Occupational and/or Vocational Competence)	OVC 1							
	OVC 2							

Doctorate Degree Qualifications for Engineering (Academically-oriented) 8th Level (DOCTORATE DEGREE)						
NQF-HETR LEVEL	KNOWLEDGE (KNW) -Theoretical -Conceptual	SKILLS (SKL) -Cognitive -Practical	PERSONAL & OCCUPATIONAL COMPETENCES			
			Autonomy & Responsibility Competence (ACR)	Learning to Learn Competence (LLC)	Communication and Social Competence (CSC)	Occupational and/or Vocational Competence (OVC)
8th CYCLE DOCTORATE EQF-LLL: 8th CYCLE QF-EHEA: 3rd CYCLE	Qualifications that signify completion of the eighth cycle are awarded to students who					
	<p><b>KNW 1-</b> have utmost knowledge on basic sciences, mathematics, and engineering sciences; and apply this knowledge.</p> <p><b>KNW 2-</b> have extensive knowledge in the field, including recent developments.</p>	<p><b>SKL 1-</b>have access to the most recent information in the field; have advanced methods and skills required to conduct research, using this information.</p> <p><b>SKL 2-</b> conduct a comprehensive study that either develops a new scientific method or technological product/process, or applies a known method in another field, bringing innovation to science or technology.</p> <p><b>SKL 3-</b> define and apply basic sciences, mathematics, and engineering sciences at the utmost level.</p> <p><b>SKL 4-</b> have profound and extensive knowledge in the field, including recent developments.</p> <p><b>SKL 5-</b> independently design, apply, finalize and manage the process of an original research.</p>	<p><b>ACR 1 -</b> contribute to national and international literature of science and technology, publishing the outcomes of academic research in prestigious academic journals.</p> <p><b>ACR 2-</b> conduct a comprehensive study that either develops a new scientific method or technological product/process, or applies a known method in another field, bringing innovation to science or technology.</p> <p><b>ACR 3-</b> evaluate scientific, technological, social and cultural developments and impart such knowledge to the society, in consideration of scientific impartiality and ethical responsibility.</p>	<p><b>LLC 1 -</b> design, apply, finalize and manage independently the process of an original research.</p> <p><b>LLC 2-</b> have access to the most recent information in the field; have advanced methods and skills required to conduct research, using this information.</p> <p><b>LLC 3-</b> conduct a comprehensive study that either develops a new scientific method or technological product/process, or applies a known method in another field, bringing innovation to science or technology.</p> <p><b>LLC 4-</b> contribute to national and international literature of science and technology, publishing the outcomes of academic research in prestigious academic journals.</p>	<p><b>CSC 1 -</b> make critical analysis, synthesis and evaluation of ideas and developments in the related field.</p> <p><b>CSC 2-</b> communicate effectively with specialist audience as well as with larger scientific and social communities; and communicate and discuss in oral and written form in a foreign language at minimum C1 level, as defined by the European Language Portfolio.</p>	<p><b>OVC 1-</b> evaluate scientific, technological, social and cultural developments and impart such knowledge to the society, in consideration of scientific impartiality and ethical responsibility.</p> <p><b>OVC 2-</b> communicate effectively with specialist audience as well as with larger scientific and social communities; and communicate and discuss in oral and written form by speaking a foreign language at minimum C1 level, as defined by the European Language Portfolio.</p>