PO No	PROGRAM OUTPUTS (PO) AND SUBCOMPONENTS	EDUCATIONAL OBJECTIVES (EO)
	Sufficient knowledge in mathematics, science and subjects specific to Civil Engineering; ability to use theoretical and practical knowledge in these areas to solve complex engineering problems.	
	PO1.1. Ability to acquire sufficient theoretical knowledge in mathematics subjects.	EO1.2, EO4.1, EO4.2
	PO1.2. Ability to acquire sufficient theoretical knowledge in science subjects.	EO1.2, EO4.1, EO4.2
	<b>PO1.3.</b> Ability to acquire sufficient theoretical knowledge in Civil Engineering subjects.	EO1.1, EO1.2, EO1.3, EO 2.2, EO3.1, EO3.2, EO4.1, EO4.2
	<b>PO1.4.</b> Ability to apply theoretical and practical knowledge in mathematics, science and civil engineering to model and solve engineering problems.	EO1.1, EO1.2, EO1.3, EO3.1, EO3.2, EO4.1, EO4.2
	Ability to identify, formulate and solve complex Civil Engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.	
PO2	<b>PO2.1.</b> Ability to identify, formulate and solve complex Civil Engineering problems.	EO1.2, EO1.3, EO 2.2, EO3.1, EO3.2, EO4.1, EO4.2
	<b>PO2.2.</b> Ability to select and apply analysis and modeling methods suitable for Civil Engineering Problems.	EO1.2, EO1.3, EO4.1, EO4.2
РОЗ	Ability to design a complex system, process, device or product to meet specific requirements under realistic constraints and conditions; the	
	ability to apply modern design methods for this purpose. <b>PO3.1.</b> Ability to design a complex system, process, device or product to meet specific	
	requirements under realistic constraints and conditions.	EO1.2, EO1.3, EO3.1, EO3.2, EO4.1, EO4.2
	<b>PO3.2.</b> Ability to apply modern design methods to system, process, device or product design.	E01.2, E03.1, E03.2, E04.1, E04.2
PO4	Ability to select and use modern techniques and tools necessary for the analysis and solution Engineering applications; ability to use information technologies effectively.	of complex problems encountered in Civil
	PO4.1. Ability to select and use modern techniques and tools required for the analysis and	EO1.1, EO1.2, EO1.3, EO 2.2, EO3.1,
	solution of complex problems encountered in Civil Engineering applications. <b>PO4.2.</b> Ability to use information technologies effectively.	EO3.2, EO4.1, EO4.2 EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2,
	An ability to design experiments, conduct experiments, collect data, analyze and interpret results	EO3.3, EO4.1, EO4.2
PO5	problems or discipline-specific research topics.	
	<b>PO5.1.</b> An ability to design, conduct experiments, and collect data for the study of complex Civil Engineering problems or discipline-specific research topics.	EO1.2, EO1.3, EO3.1, EO3.2, EO4.1, EO4.2
	<b>PO5.2.</b> Ability to analyze and interpret the results of experiments.	EO1.2, EO1.3, EO3.1, EO3.2, EO4.1, EO4.2
PO6	Ability to work effectively in disciplinary and multidisciplinary teams; ability to work individuate	
	PO6.1. Ability to work effectively in disciplinary teams.	EO1.1, EO1.2, EO 2.2, EO3.3
	PO6.2. Ability to work effectively in multidisciplinary teams.	EO1.1, EO1.2, EO1.3, EO 2.2, EO3.3
	<b>PO6.3.</b> Ability to work individually.	EO1.2, EO2.1, EO4.1, EO4.2
PO7	Ability to communicate effectively both orally and in writing; knowledge of at least one foreign language; Ability to write effective reports and understand written reports, to prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.	
	<b>PO7.1.</b> Ability to communicate effectively both verbally and in writing.	EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2, EO3.3, EO4.1, EO4.2
	PO7.2. Ability to acquire knowledge of at least one foreign language.	EO 2.2, EO3.3, EO4.1
	PO7.3. Ability to write effective reports and understand written reports, to prepare design and	EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2,
	production reports. <b>PO7.4.</b> Ability to present effectively, to give and receive clear and understandable instructions.	EO3.1, EO3.2, EO3.3, EO4.1, EO4.2 EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2,
		EO3.3, EO4.1, EO4.2
	Awareness of the necessity of lifelong learning; the ability to access information, to follow developments in science and technology, and to constantly renew oneself.	
PO8	<b>PO8.1.</b> Awareness of the necessity of lifelong learning.	EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2, EO3.1, EO3.2, EO3.3, EO4.1, EO4.2
	<b>PO8.2.</b> Ability to access information, to follow developments in science and technology, and to constantly renew oneself.	
PO9	Knowledge of ethical principles, professional and ethical responsibility, and standards used in engineering practices.	
	<b>PO9.1.</b> Acting in accordance with ethical principles, professional and ethical responsibility.	EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2, EO3.1, EO3.2, EO3.3, EO4.1, EO4.2
	<b>PO9.2.</b> Knowledge of standards used in engineering applications.	EO1.1, EO1.2, EO1.3, EO 2.2, EO3.1, EO3.2, EO4.1, EO4.2
PO10	Knowledge of business practices such as project management, risk management and change management; awareness about entrepreneurship and innovation; information on sustainable development.	
	<b>PO10.1.</b> Knowledge of business practices such as project management, risk management, and	E01.1, E01.2, E01.3, E02.1, E0 2.2,
	change management. PO10.2. Awareness about entrepreneurship, innovation; knowledge about sustainable	EO3.1, EO3.2, EO3.3 EO1.1, EO1.3, EO2.1, EO 2.2, EO3.1,
	development.	EO3.2, EO3.3
	Knowledge about the effects of Civil Engineering applications on health, environment and safet	
	problems of the age reflected in the field of engineering; Awareness of the legal consequences of <b>PO11.1.</b> Knowledge about the effects of Civil Engineering applications on health, environment	
PO11	and safety in universal and social dimensions and the problems of the age reflected in the field of engineering.	EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2, EO3.3, EO4.1, EO4.2
	<b>PO11.2.</b> Awareness of the legal consequences of engineering solutions.	EO1.1, EO1.2, EO1.3, EO2.1, EO 2.2, EO3.1, EO3.2, EO3.3