Institute of Environmental Engineering and Research-Mapping of FYDP Topics of Session 2020 with SDGs

			SDG1	SDG2	SDG3	SDG4	SDG5	SDG6	SDG7	SDG8	SDG9	SDG10	SDG11	SDG12	SDG13	SDG14	SDG15	SDG16	SDG17
Sr. No.	Supervisors	FYDP Topic	No poverty	Zero Hunger	Good Health and Wellbeing	Quality Education	Gender Equality	Clean Water and Sanitation	Affordable and Clean Energy	Decent work and Economic Growth	Industry, Innovation, and Infrastructure	Reduced Inequalities	Sustainable Cities and Communities	Responsible Consumption and Production	Climate Action	Life Below Water	Life on Land	Peace, Justice and Strong Institutions	Partnerships
1	Dr. Amir Ikhlaq	Design and application of wetland filtration unit for the treatment of municipal wastewater.						~								~			
2		Design and effectiveness of a treatment process for urban run-off (rain water).						~						\checkmark		\checkmark			
3	Dr. Umar Farooq	Modeling and quantification of smog precursors from steel manufacturing industrial units in the urban area of Lahore.													~				~
4	Dr. Irfan Jalees	Treatment of Surface Water by Modified Rapid Sand Filter Using Copper Coated Glass.			√			~											
5	Dr. Mehwish Anis	Design of sustainable solid waste disposal facilities with comparative analysis of carbon foot print.											\checkmark						
6	Dr. Ghulam Hussain	Design of Zero Liquid Discharge (ZLD) System for a Textile Industry																	
7	Dr. Fizza Zahid	Sustainable development engineering: Design of an aquifer storage and recovery of rainwater for Lahore.						~					~		~				
8	Engr. Gul-e-Hina	From Trash to Cash: Design of sustainable solid waste management system and economic potential of solid waste generated in University campus.						~					~						
9	Engr. QuratulAin	Design of green infrastructure: Impact evaluation of land use changes on land surface temperature and modelling future scenarios of Lahore									~		*		~		*		
10	Engr. Azka Tauseef	Plume modelling and design of air pollution control device for cement industry			~										~				
11	Engr. Asma Imam Khan	Design and application of electrochemical coagulation reactor for removal of dyes from textile wastewater.						~											