



CENTRE OF EXCELLENCE IN WATER RESOURCES ENGINEERING

University of Engineering and Technology, Lahore-54890 (Pakistan)

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Subjects to be Offered In Fall Semester 2024 (Revised)

Course	Water Resources Engineering	Water Resources Managemnet (Old)	Water Resources Managemnet (New)	Hydropower Engineering	Engineering Hydrology
Compulsory	1-Applied Hydrology 2- Advance Open Channel & Computational Hydraulics 3- Sediment Transport and River Engineering 4-Design of hydraulic structures	1-Applied Hydrology 2- Advance Open Channel & Computational Hydraulics 3- Irrigation Engineering and Management	1-Applied Hydrology 2- Water Respurces Planning and Economics. 3- Irrigation Engineering and Management	1-Applied Hydrology 2- Advance Open Channel & Computational Hydraulics 3- Planning and Development of Hydropower Projects. 4-Design of hydraulic structures	1-Applied Hydrology 2-Reservoir Design and Operation 3-Catchment Modeling
Optional	1-Irrigation Engineering and Management 2- Water Respurces Planning and Economics 3-Catchment Modeling 4-Research Methodology 5- Reservoir Design and Operation	1- Water Respurces Planning and Economics 2-Catchment Modeling 3-Research Methodology 4- Sediment Transport and River Engineering 5- Design of hydraulic structures	1-Advance Open Channel & Computational Hydraulics 2-Catchment Modeling 3-Research Methodology 4- Sediment Transport and River Engineering 5-Design of hydraulic structures	1- Water Respurces Planning and Economics 2-Catchment Modeling 3- Sediment Transport and River Engineering 4-Research Methodology 5- Reservoir Design and Operation	4- Water Respurces Planning and Economics 2-Research Methodology 3- Irrigation Engineering and Management 4- Sediment Transport and River Engineering 5-Design of hydraulic structures

Course ID.	Subject	Faculty
CWR-601	Applied Hydrology	Dr. Ghulam Nabi
CWR-604	Reservoir Design and Operation	Engr. M. Awais Zafar
CWR-602	Catchment Modeling	Dr. Mudassar Iqbal
CWR-611	Advance Open Channel & Computational Hydraulics	Dr. M. Masood
CWR-613	Design of Hydraulic Structures	Dr. M. Kaleem Sarwar
CWR-614	Sediment Transport and River Engineering	Dr. Gulam Nabi
CWR-622	Planning and Development of Hydropower Projects	Dr. M. Kaleem Sarwar
CWR-632	Irrigation Engineering and Management	Dr. Mudassar Iqbal
CWR-694	Water Resources Planning and Economics	Dr. M. Masood
CWR-698	Research Methodology	Dr. M. Atiq Ur Rehman Tariq

* for 2024(S) Intake

Masood
19/08/24
Dr. Muhammad Masood
Assistant Professor
Incharge Academics

CC: 1) Director, CEWRE (for information)
2) Faculty Members