

Study Plan	
Mentor	Aman Sir, Parikshit Sir & Damini Ma'am
Lecture Time	10 AM - 6 PM
Date	Title Unit
	SOIL AND WATER CONSERVATION ENGINEERING
Tuesday, Mar 31, 2026	Forms of precipitation
Wednesday, Apr 1, 2026	Hydrologic cycle
Thursday, Apr 2, 2026	Point rainfall analysis
Friday, Apr 3, 2026	Frequency analysis
Monday, Apr 6, 2026	Agricultural system
Tuesday, Apr 7, 2026	Mechanics of water and wind
Wednesday, Apr 8, 2026	Water management in Agri-Horti-Aquaculture system
Thursday, Apr 9, 2026	Mechanics of water erosion
Friday, Apr 10, 2026	Mechanics of wind erosion
Monday, Apr 13, 2026	Rational method of prediction of peak runoff and its limitations
Tuesday, Apr 14, 2026	Concept of unit hydrograph
Wednesday, Apr 15, 2026	Instantaneous hydrograph
Thursday, Apr 16, 2026	Factors affecting erosion and runoff
Friday, Apr 17, 2026	Water erosion control measures – contour cultivation
Monday, Apr 20, 2026	Water erosion control measures – strip cropping
Tuesday, Apr 21, 2026	Water erosion control measures – terracing
Wednesday, Apr 22, 2026	Water erosion control measures – afforestation and pastures
Thursday, Apr 23, 2026	Design of gully control structures – temporary and permanent
Friday, Apr 24, 2026	Stream bank erosion
Monday, Apr 27, 2026	Flood routing
Tuesday, Apr 28, 2026	Flood amelioration by upstream soil water management
Wednesday, Apr 29, 2026	Wind erosion control measures
Thursday, Apr 30, 2026	Sand dunes stabilization
Date	IRRIGATION PUMP
Friday, May 1, 2026	Design and construction of pumps
Monday, May 4, 2026	Performance characteristics of pumps
Tuesday, May 5, 2026	Selection and installation of pumps
Wednesday, May 6, 2026	Servicing and maintenance of pumps
Thursday, May 7, 2026	Reciprocating pumps
Friday, May 8, 2026	Centrifugal pumps
Monday, May 11, 2026	Gear turbine pumps
Tuesday, May 12, 2026	Submersible pumps
Wednesday, May 13, 2026	Propelled jet pumps

Thursday, May 14, 2026	Hydraulic power sources for pumping
Friday, May 15, 2026	Non-renewable power sources for pumping
Monday, May 18, 2026	Solar pumps
Date	IRRIGATION AND DRAINAGE ENGINEERING
Tuesday, May 19, 2026	Water wealth and irrigation in India
Wednesday, May 20, 2026	Soil-water-plant relationship
Thursday, May 21, 2026	Forms and occurrence of soil water
Friday, May 22, 2026	Methods of soil moisture measurement
Monday, May 25, 2026	Devices for soil moisture measurement
Tuesday, May 26, 2026	Water requirement of crops
Wednesday, May 27, 2026	Irrigation scheduling
Thursday, May 28, 2026	Concept of irrigation efficiencies
Friday, May 29, 2026	Water conveyance and control
Monday, Jun 1, 2026	Design of canals
Tuesday, Jun 2, 2026	Lacey's theory
Wednesday, Jun 3, 2026	Kennedy's theory
Thursday, Jun 4, 2026	Drainage needs and benefits
Friday, Jun 5, 2026	Darcy's Law
Monday, Jun 8, 2026	Hydraulic conductivity
Tuesday, Jun 9, 2026	Drainage coefficient
Wednesday, Jun 10, 2026	Drainage methods
Thursday, Jun 11, 2026	Surface drainage – flat lands
Friday, Jun 12, 2026	Surface drainage – sloping lands
Monday, Jun 15, 2026	Design of open ditches
Tuesday, Jun 16, 2026	Alignment and construction of open ditches
Wednesday, Jun 17, 2026	Design and layout of subsurface drains
Thursday, Jun 18, 2026	Depth and spacing of drains
Friday, Jun 19, 2026	Drainage outlets
Monday, Jun 22, 2026	Installation of drains and drainage wells
Tuesday, Jun 23, 2026	Drainage of salt-affected areas
Date	GROUND WATER HYDROLOGY AND TUBE WELL ENGINEERING
Monday, May 25, 2026	Occurrence and movement of ground water
Tuesday, May 26, 2026	Steady and transient flow into wells
Wednesday, May 27, 2026	Well interference
Thursday, May 28, 2026	Well drilling
Friday, May 29, 2026	Design of well assembly and gravel pack
Monday, Jun 1, 2026	Installation of well screen
Tuesday, Jun 2, 2026	Completion and development of wells
Date	REMOTE SENSING AND GIS APPLICATIONS
Wednesday, Jun 3, 2026	Use of remote sensing in planning
Thursday, Jun 4, 2026	Use of GIS in planning and development