

“River Rejuvenation and Water Management for Public Health and Sanitation.”

Three Year-Six Semester- Undergraduate Program

Choice Based Semester and Grading System

UG Program in “River Rejuvenation and Water Management for Public Health and Sanitation.”

Pape r#	Title	Cred its	Total Periods		Pape r#	Title	Cred its	Total Lectures
SEM I					SEM II			
1	Water as Natural Resource	4			1	Water availability-Global & Local	2	
2	Study of Ecosystem	4			2	Major Rivers-Local and Global	3	
3	Study of Sewage system	4			3	Role of Rivers in Public Health	3	
4	Physico-Chemical Properties of Water	3			4	Study of water borne diseases	4	
5	Hydrological Cycle	3			5	Public Health and Hygiene	4	
6	Foundation Course: Socio-cultural studies related to Water.	2			6	Foundation Course-Mathematical and Statistical Tools.	4	
Total		20			Total		20	
SEM-III					SEM-IV			
1	Domestic Use of water and sewage	3			1	Hydrogeology	4	
2	Industrial Use of water	4			2	Water Pollution	4	
3	Agricultural Use of water and Crops	4			3	Water borne epidemics and control	3	
4	Major Water Reservoirs	4			4	Economic Aspects of Water Use	2	
5	Natural Calamities and Water	3			5	Water Conservation Management	4	
6	Foundation Course- Soft Skills	2			6	Use of ICT in Water Management.	4	
Total		20			Total		20	
SEM-V: Water Management (WM)					SEM-VI			
1	Local and State Governance in WM	3			1	Technologies in Water Irrigation & Sewage treatment	4	
2	Role of Central government in (WM)	3			2	Rainwater Harvesting Technologies	3	

3	International Dimensions in WM	2		3	Policy Perspectives in WM.	3	
4	GPS and Satellite Imaging in WM.	4		4	Live Project/ Develop Model	10	
A	Vocational Training_WM	4					
B	Skill Development in Public Health Management	4					
Total		20		Total		20	