

Department of Hydrology, Indian Institute of Technology Roorkee

TEACHING SCHEDULE (MTech 1st Year- Hydrology/DSR)

Semester: Autumn

Session: 2021-22

Effective: Aug 12, 2021

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 : 8:55	L-HY-538 (AS)	L-HY-577 (BJD)	L-HY-538 (AS)	L-HY-538 (AS)	
9:00 : 9:55	L-HY-522 (NKG)	L-HY-537 (DSA)	L-HY-537 (DSA)	L-HY-537 (DSA)	T-HY-538 (AS)
	L-DS-503 (DSA/NKG/RV)	L-DS-517 (ZA/DK)	L-DS-517 (ZA/DK)		
		L-DM-504 (SS)	L-DM-504 (SS)		
10:00 : 10:55	L-HY-531 (SS)	L-HY-511 (MKJ)	L-HY-529 (AC)/L-HY-577 (BJD)	L-HY-531 (SS)	L-HY-531 (SS)
	L-DS-521 (MS/NKS)		L-DS-521 (MS/NKS)		L-DS-518 (AT/AM/NKS)
11:00 : 11:55	L-HY-511 (MKJ)	L-HY-535 (HJ)	L-HY-511 (MKJ)	L-HY-535 (HJ)	L-HY-529 (AC)/ L-HY-577 (BJD)
		L-DS-521 (MS/NKS)	L-DS-511 (BKY/PKS)	L-DS-511 (BKY/PKS)	L-DS-511 (BKY/PKS)
	L-DMN-502 (AK/NKG/MLS)		L-DMN-502 (AK/NKG/MLS)		L-DMN-502 (AK/NKG/MLS)
12:00 : 12:55	L-HY-535 (HJ)	L-HY-527 (BKY)	L-HY-527 (BKY)	L-HY-522 (NKG)	L-HY-527 (BKY)
	L-DS-502 (AA/AS)	L-DS-502 (AA/AS)		L-DS-503 (DSA/NKG/RV)	L-DS-502 (AA/AS)
	L-DM-508 (DSA/MM/PS)	L-DM-508 (DSA/MM/PS)		L-DM-504 (SS)	L-DM-508 (DSA/MM/PS)
1:00 : 2:00	L U N C H				
2:00 : 2:55	L-HY-516 (AA)	L-HY-516 (AA)	T-HY-516 (AA)	L-HY-516 (AA)	
3:00 : 3:55	T-HY-511 (MKJ)	T-HY-527 (BKY)	T-HY-531 (SS)		L-HY-576 (BJD)
	T-DS-502 (AA/AS)	T-DS-511 (BKY/PKS)			
	T-DM-508 (DSA/MM/PS)	T-DM-504 (SS)			
4:00 : 4:55	L-HY-576 (BJD)	L-HY-522 (NKG)/ L-HY-529 (AC)	T/P-HY-537 (DSA)	T/P-HY-537 (DSA)	T/P-HY-535 (HJ)
	L-DS-518 (AT/AM/NKS)	L-DS-503 (DSA/NKG/RV)	L-DS-518 (AT/AM/NKS)	L-DS-517 (ZA/DK)	
5:00 : 5:55	T-HY-577 (BJD)	T-HY-522 (NKG)/ T-HY-529 (AC)	T/P-HY-537 (DSA)	T/P-HY-537 (DSA)	T/P-HY-535 (HJ)
	T-DS-518 (AT/AM/NKS)	T-DS-503 (DSA/NKG/RV)	T-DS-521 (MS/NKS)	T-DS-517 (ZA/DK)	

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Subject/Faculty Details:**MTech (Surface Water Hydrology/Groundwater Hydrology/Watershed Management)**

#	Code	Subject Title	Coordinator
1	HYN-511	Hydrologic Elements and Analysis (PCC-WM)	Manoj K. Jain (MKJ)
2	HYN-516	Channel and Fluvial Hydraulics (PCC-SW)	Ankit Agrawal (AA)
3	HYN-522	Stochastic Hydrology (PCC-SW)	Narendra K. Goel (NKG)
4	HYN-527	Groundwater Hydrology (PCC-GW)	Brijesh K. Yadav (BKY)
5	HYN-529	Geophysical Investigations (PCC-GW)	Ashutosh Chamoli (AC, ESD)
6	HYN-531	Watershed Behaviour and Conservation Practices (PCC-WM)	Sumit Sen (SS)
7	HYN-535	Environmental Quality (PCC-GW)	Himanshu Joshi (HJ)
8	HYN-537	Remote Sensing and GIS Applications (PCC-WM)	Dhyan S. Arya (DSA)
9	HYN-538	Hydrological Data Collection, Processing, and Analysis	Ashutosh Sharma (AS)
10	HYN-577	Desalination and Cleaner water production with membrane technologies	Bhaskar Jyoti Deka (BJD)
11	HYN-576	Rural Water Supply and Sanitation (2 Credit)	Bhaskar Jyoti Deka (BJD)

MTech (Dam Safety and Rehabilitation)

#	Code	Subject Title	Coordinator	Other associated faculty
12	DS-502	Basics of Disaster Management and its Implementation Concepts (PCC)	Ankit Agrawal	Ashutosh Sharma
13	DS-503	Hydrologic Safety Evaluation of dams (PCC)	Dhyan S. Arya	N.K. Goel R. Vinnarasi (RV)
14	DS-511	Seepage through dams	Brijesh K. Yadav	P K Sharma (PKS)
15	DS-517	Hydraulic and structural design of dams, spillways, and energy Dissipators	Zulfequar Ahmad (ZA)	Deepak Khare (DK)
16	DS-518	Ground Improvement and Geo-synthetics	Akanksha Tyagi (AT)	Anumita Mishra (AM) N K Samadhiya (NKS)
17	DS-521	Earth Retaining Structures and Dams (Concrete, RCC, CFRD, Arch, Earth, Rockfill dams & Barrages)	Mahendra Singh (MS)	N K Samadhiya (NKS)

MTech (Disaster Mitigation and Management) (Courses offered by Department of Hydrology)

#	Code	Subject Title	Coordinator	Other associated faculty
18	DMN-502	Natural Hazards and Impact Assessment	Prof. Ashwin Kumar (AK)	N.K. Goel M.L. Sharma (MLS)
19	DMN-504	Hydrological Data Collection, Processing, and Analysis	Sumit Sen	
20	DMN-508	Climate Change: Impacts	Dhyan S. Arya	Mahua Mukerjee (MM) Piyush Srivastava (PS)

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