

Department of Hydrology
Indian Institute of Technology Roorkee

Date: March 18, 2019

Training Program under DRIP on
“Hydrological and Hydraulic Methods of Flood Routing”
(June 13 – 14, 2019)

Venue: Department of Hydrology, IIT Roorkee 247667

Day-1: June 13, 2019: Thursday		
09.00 – 9.30	Inaugural	
9.30 – 11.00	Causes of Floods (L)	
11.00 – 11.30	Tea	
11.30 – 13.00	Flood dynamics, its description and flood wave types (L)	
13.00 – 14.30	LUNCH	
14.30 – 16.00	Hydrological Flood Routing techniques (L)	
16.00 – 16.30	Tea	
16.30 – 17.30	Case Studies	
Day-2: June 14, 2019: Friday		
09.30 – 11.00	Hydraulic Flood Routing Techniques (L)	
11.00 – 11.30	Discussion over tea	
11.30 – 13.00	Advances in Channel and Reservoir Routing Techniques (L)	
13.00 – 14.30	LUNCH	
14.30 – 15.30	HEC-RAS Model (L)	
15.30 – 15.45	Discussion over tea	
15.45 – 17.00	Case studies using HEC-RAS model (T)	
17.00 – 17.30	Closure and certificate distribution followed by Tea	