

Department of Hydrology
Indian Institute of Technology Roorkee

Date: March 18, 2019

Training Program under DRIP on
“Conventional and Advanced Hydrometric Techniques for Discharge Estimation”
(June 10 – 12, 2019)

Venue: Department of Hydrology, IIT Roorkee 247667

Day-1: June 10, 2019: Monday		
09.00 – 9.30	Inaugural	
9.30 – 11.00	Current Field Practices of Discharge Measurements (L)	
11.00 – 11.30	Tea	
11.30 – 13.00	Stage-Discharge Relationships (L)	
13.00 – 14.30	LUNCH	
14.30 – 16.00	Entropy Theory for Streamflow Measurements (L)	
16.00 – 16.30	Tea	
16.30 – 17.30	Case Studies	
Day-2: June 11, 2019: Tuesday		
09.30 – 11.00	Approximate discharge estimation techniques only using stage data (L)	
11.00 – 11.30	Discussion over tea	
11.30 – 13.00	Addressing Velocity Measurements during High Floods (L)	
13.00 – 14.30	LUNCH	
14.30 – 15.30	Entropy for Discharge Assessment in Natural Channels without the Bathymetry (L)	
15.30 – 15.45	Discussion over tea	
15.45 – 17.00	Development and Extrapolation of Rating Curves at Gage Sites using Field Data (T)	
Day-3: June 12, 2019: Wednesday		
09.30 – 11.00	Practical exercise on approximate discharge estimation techniques (T)	
11.00 – 11.30	Discussion over tea	
11.30 – 13.00	Conventional Velocity-Points Records and Surface Velocity Observations for high flood analyses (L)	
13.00 – 14.30	LUNCH	
14.30 – 17.00	Discharge estimation using conventional and on-contact equipment (Practical on field)	
17.00 – 17.30	Closure and certificate distribution followed by Tea	