

## IIRS Outreach Programme

### One day workshop on

### “RS & GIS applications in Hydro-meteorological disasters”

15 May 2018

Time	Lecture	Title	Expert/Faculty
09:30-10:00	Inaugural session: Introduction to workshop, IIRS, DLP		Director IIRS, Dean Academics, GHs/HoDs
10:00-10:40	L-1	Overview of space based inputs for hydro-meteorological hazards and disasters	Dr. K. H. V. Durga Rao
10:40-11:20	L-2	Uttarakhand state experience in managing the Hydro-meteorological disasters	Dr. Piyush Routela
11:20-11:30	Tea break		
11:30-12:15	L-3	Role of ground and space based meteorological observations and model forecast for hydro-meteorological disasters	Dr. Anand Sharma
12:15-13:00	L4	Role of geospatial technology in flood mapping, monitoring and damage assessment	Dr. S. P. Aggarwal
13:00-13:50	Lunch break		
13:50-14:30	L-5	Role of geospatial technology in cyclone studies and forecasting	Dr. Sanjeev Singh
14:30-15:10	L-6	Satellite based now casting, including extreme rainfall events	Dr. Bipasha P. Shukla
15:10-15:50	L-7	Flood early warning system using integration of weather forecast, hydrological and hydrodynamic models	Dr. Praveen K. Thakur
15:50-16:00	Tea break		
16:00-17:00	<b>Panel Discussion &amp; feedback and Concluding remarks</b>		<b>All experts and +++++</b>
17:00-17:30	<b>Closing session</b>		<b>Director, IIRS</b>

#### Expert/Faculty

**KHV:** Dr. K. H. V. Durga Rao

**AS:** Dr. Anand Sharma

**PR:** Dr. Piyush Routela

**BPS:** Dr. Bipasha P. Shukla

**SPA:** Dr. S. P. Aggarwal, Group Head, WRD, IIRS

**SS:** Dr. Sanjeev Singh, Sci./Eng. ‘SD’, MASD

**PKT:** Dr. Praveen K. Thakur, Sci./Eng. ‘SF’, WRD, IIRS