

National Water Academy, Pune

Daily Session Plan for Training Program on MONITORING OF IRRIGATION PROJECTS USING BHUVAN PLATFORM

Duration : 1 Week : 01st – 05th Feb 2016

<i>Session I : 1000-1115</i>	<i>Tea Break: 1115-1145</i>	<i>Session II : 1145-1300</i>
<i>Lunch Break: 1300-1415</i>		
<i>Session III : 1415-1530</i>	<i>Tea Break: 1530-1600</i>	<i>Session IV : 1600-1730</i>

Day & Date	Session	Topic	Faculty
01 st Feb 16 Day-1 Monday	9:30-10:00	Inaugural Session	NWA Faculty
	I	GIS Basic Concepts, Map Projections and Coordinate Systems	SK
	II	Remote Sensing: Satellites and Sensors	SDR
	III	Overview of Irrigation Sector and Current Interventions in Irrigation Sector:- Indian Scenario	SK
	IV	Monitoring Concepts, Introduction to AIBP Schemes	RS
02 nd Feb 16 Day-2 Tuesday	I	Monitoring of Irrigation Projects using GIS and Introduction to Bhuvan Platform	PK/MR
	II	Demonstration of Bhuvan using Practical case study of monitoring (Shivna Takli Irrigation Project): Functionality, Digitization, Extraction of Information, etc.	MR
	III	Bhuvan Platform – Hands on	MR
	IV	Auto Report Generation	MR
03 rd Feb 16 Day-3 Wednesday	I	Field Visit to Canal Automation Model at CWPRS	
	II	Field Visit to Khadakwasla Headwork	
	III	Field Visit to Khadakwasla Command Area	
	IV	-do-	
04 th Feb 16 Day-4 Thursday	I	Extraction of canals, roads and Linear features from CARTOSAT data	PK
	II	Hands on	PK
	III	Assessment of Percentage of Physical Process & Comparing the Field Truth with Image – Hands on	PK
	IV	Hands on	PK
05 th Feb 16 Day-5 Friday	I	Hands on	PK
	II	Open House Discussion	NWA Faculty
	III	Feedback and Valedictory Session	NWA Faculty
	IV	-do-	NWA Faculty
Day 6 and 7 : Saturday and Sunday : Weekend Off			

Overall Coordination – Shri Manish Rathore, Deputy Director(SM), NWA, Pune

Faculty

RS Shri Rajeev Singhal, Director, NWA Pune
SK Shri Sunil Kumar, Director, NWA Pune
PK Shri Pradeep Kumar, Director, NWA
MR Shri Manish Rathore, Deputy Director, NWA Pune
SDR Shri SD Ranade, Scientist 'D', CWPRS, Pune