

Basic Induction Training Module for Newly Recruited WDT Members Through Campus Selection Under IWMP					
Training Calender					
Date	W/Day	Time	Content	Faculty/Resource Person	Methodology
8th October MON	1	9:30 - 10:00	Registration	Mr. Vikram	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	lightning, welcome & introduction of the participants	Dignitaries from SLNA/Head NLRI & All Faculty members	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Introduction of the organization	Mr. Yash Kanungo	
		12:15 - 1:15	Pre-Training Assessment	Course Director & Co-Coruse Director	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Objective of the Training	Shri Arun R. Joshie	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Madhya Pradesh: The NRM Scenario, Vision Building, Contribution of Watershed Initiatives in Enhancing Rural Livelihoods: The MP Experience & learnings	Shri Arun R. Joshie	
		4:30 - 5:30	Conceptulising watershed - Social obligations	Dr. Salil Mehta	
9th October TUE	2	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Structure of IWMP in Madhya Pradesh and Roles and Key Responsibilities of WDT Members-I	Mr. Somnath Roy	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Structure of IWMP in Madhya Pradesh and Roles and Key Responsibilities of WDT Members-II	Mr. Somnath Roy	
		12:15 - 1: 15	Community Participation Prespective in Development	Dr. Salil Mehta	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Watershed programs in India: A Review- History of watershed Development & Management- Building prespective & developing understanding	Shri Arun R. Joshie	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	The Watershed: Need, Importance, Objectives and major Outcomes of watershed development	Shri Arun R. Joshie	
		4:30 - 5:30	The Watershed: Definitions & Key Concepts	Mr. Anil Saini	
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	

10th October WED	3	10:00 - 11:00	Principles of Watershed Development	Shri Arun Joshi	Brain Storming/ PPT Presentation/ Discussion/ Group work
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	The Watershed Glossary- Conceptualising Watershed- The Technical Perspective C.T., G.P., ECD, BCD, MSD, Gated & Non Gated MSD, RMS, TALAB, PT., FP, Under ground DYKE ETC.	Shri Anil Saini	
		12:15 - 1: 15	Key Objectives & key Components of watershed	Shri Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Community Participation in Watershed Management - Concept Introduction, Key Definitions & Words	Dr. Salil Mehta	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Understanding the key concepts in different guidelines, historical perspective and Introduction to key Definitions & and explanatory words used in guidelines	Mr. Somnath Roy	
		4:30 - 5:30	Conceptualising watershed - Environmental	Dr. Manisha Garg	
11th October THU	4	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Understanding selection criteria based on Technical, Social, Natural & multiple deprivation parameters under IWMP program in Consonance with common guideline & various circulars	Mr. Anil Saini	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	The Community Participation Model w.r.t Watershed Management	Dr. Salil Mehta	
		12:15 - 1: 15	Understanding processes of delineation of watershed - Water Resource Region, Basin, Catchment, Sub-catchment, watershed etc	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Understanding codification of watersheds & deciphering Toposheets	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Concept Introduction, Key Definitions & Words	Dr. Salil Mehta	
		4:30 - 5:30	Determining size, typology and cartographic requirement in watershed planning & Management	Mr. Anil Saini	
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	
		10:00 - 11:00	Key Theoretical Aspects of Planning Process	Dr. Salil Mehta	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	

12th October FRI	5	11:15 - 12:15	Key Theoretical Aspects of Participation	Dr. Salil Mehta	Brain Storming/ PPT Presentation/ Discussion/ Group work
		12:15 - 1: 15	Conceptualising and understanding Water Budgeting- processes, tools, information requirement and frameworks used in watershed projects	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	The Participatory Planning Model	Mr. Yash kanungo	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Participatory Planning & Development: The Indian Experience	Dr. Salil Mehta	
		4:30 - 5:30	Watershed Characterisation - understanding shape of watershed, Shape Factor, Circulatory Ratio, Circulatory Ration, Elongation ration	Mr. Anil Saini	
13th October SAT	6	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Field visit and Group Task
		10:00 - 11:00	Practical Session on Codification of watershed	Mr. Anil Saini	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Practical Session on Codification of watershed	Mr. Anil Saini	
		12:15 - 1: 15	Practical Session on Codification of watershed	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Practical session on Delineation of watershed	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Practical session on Delineation of watershed	Mr. Anil Saini	
		4:30 - 5:30	Practical session on Delineation of watershed	Mr. Anil Saini	
14th October (Sunday)					
15th October MON	7	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Determining Stream Orders in a watershed	Mr. Anil Saini	
		12:15 - 1: 15	Drainage system in watershed	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Scenario of Land Degradation & erosion in India and world	Shri Arun R. Joshie	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	

		3:30 - 4:30	Understaning land use & land capability- Understanding the concept of wasteland, designating wasteland, parameters use by scientist	Shri Arun R. Joshie	
		4:30 - 5:30	Understaning land use & land capability on farmers field	Dr. Varan Singh	
16th October TUS	8	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Field visit and Group Task
		10:00 - 11:00	Methods for Eliciting Participating Planning process - tools like RRA, PRA, PALM, CPA etc.... Various methods of Social works	Dr. Salil Mehta	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Methods for Eliciting Participating Planning process - PRA tools like social maping, NR maping, transecting, diagraming etc.	Mr. Yash Kanungo	
		12:15 - 1: 15	Methods for Eliciting Participating Planning process - does and do nots while using PRA tools	Mr. Somnath Roy	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Visit to watershed village in different groups at the time of WDC meetings, observe-Learn-Comment and Presentation	Co-Course Director and Mr. R.N. Yadav	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Visit to watershed village in different groups at the time of WDC meetings, observe-Learn-Comment and Presentation	Co-Course Director and Mr. R.N. Yadav	
		4:30 - 5:30	Visit to watershed village in different groups at the time of WDC meetings, observe-Learn-Comment and Presentation	Co-Course Director and Mr. R.N. Yadav	
17th October WED	9	Unit-3	Elements of Geohydrology	Module -4 (S&WC-1)	Brain Storming/ PPT Presentation/ Discussion/ Group work
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	
		10:00 - 11:00	Group Presentation on previous day field work	Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Geohydrological Consideration	Shri Viverekar (Guest faculty- Geo-Hydrologist)	
		12:15 - 1: 15	Hydrologic Cycle –concept, process & importance	Shri Viverekar (Guest faculty- Geo-Hydrologist)	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Groups as vehicles of Development - I	Dr. Salil Mehta	
3:15 - 3:30	Tea Break				

		3:30 - 4:30	Forms of Precipitation, Formation of rainfall, types of rainfall, Runoff, Factor affecting runoff, time of concentration , importance of rainfall pattern in watershed management	Shri Viverekar (Guest faculty- Geo-Hydrologist)	
		4:30 - 5:30	Occurrence of ground water, porosity, permeability, transmissibility, Relationship between k&T, Specific yield & Specific Retention	Shri Viverekar (Guest faculty- Geo-Hydrologist)	
18th October THU	10	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Various rocks formation in MP, Comparative values of above properties of different rocks.	Shri Viverekar (Guest faculty- Geo-Hydrologist)	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Zones of underground water, type of aquifers, Ground water balance & artificial recharge Techniques	Shri Viverekar (Guest faculty- Geo-Hydrologist)	
		12:15 - 1:00	Lunch Break	Mr. Ajit Chouhan	
		1:00 - 7:30	Field work based on the Theory classes- Visit to Village in piploda block for practical exposure to Geo-Hydrological consideration	Shri Viverekar (Guest faculty- Geo-Hydrologist) with CCD	
19th October FRI	11	Unit-1	Fundamentals of Soil Science	Module-4 (S&WC-1)	
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Groups as vehicles of Development - II	Dr. Salil Mehta	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Introduction of soil	Prof. Ashish Upadhyay	
		12:15 - 1:15	Soil origin, Soil profile , importance of soil in present scenario	Prof. Ashish Upadhyay	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Process of soil formation	Prof. Sarad Choudhary	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Physical properties of Soil, Soil water & plant relationship- understanding the role of macro and micro nutrient element in plant growth and their effect on economic yield	Shri Arun R. Joshie	
4:30 - 5:30	Soil properties uses in Soil Characterisation	Prof. Sarad Choudhary			
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	
		10:00 - 11:00	Soil classification - Basic Principle, Soil class, purpose of Soil classification, Soil survey & soil mapping	Prof. Ashish Upadhyay	

20th October SAT	12	11:00 - 11:15	Tea Break	Mr. Vinod Malviya	Brain Storming/ PPT Presentation/ Discussion/ Group work
		11:15 - 12:15	Soil Texture, Structure, Slope class, Topography & relief	Prof. Sarad Choudhary	
		12:15 - 1:15	Problem soils- reclamation & Management	Prof. Ashish Upadhyay	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Soil profiling & developing soil map using PRA techniques	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Soil Sampling & Testing	Dr. Varan Singh	
		4:30 - 5:30	Understanding textural classification based on physical appearance feel method, visual observation	Prof. Sarad Choudhary	
21st October (Sunday)					
22nd October MON	13	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Soil Erosion - Concept, Types, Causes & effects	Mr. Anil Saini	
		12:15 - 1:15	Soil Erosion - Mechanism	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Soil erosion - Water & Wind	Dr. Varan Singh	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Stage of water Erosion & Process of erosion	Mr. Anil Saini	
4:30 - 5:30	Soil Erodibility & Soil Loss due to erosion, Preventive Soil erosion measures, proper utilization of waste Land, tentative measures to link soil erosion with Waste land.	Shri Arun R. Joshie			
23rd October TUS	14	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	On Campus and near by village
		10:00 - 11:00	Practical Session on Stages of water Erosion	Dr. Varan Singh, Mr. Anil Saini and Dr. Manisha Garg	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Practical Session on Stages of water Erosion	Dr. Varan Singh, Mr. Anil Saini and Dr. Manisha Garg	
		12:15 - 1:15	Practical Session on Stages of water Erosion	Dr. Varan Singh, Mr. Anil Saini and Dr. Manisha Garg	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	

		2:15 - 3:15	Practical Session on Plotting of soil losses	Dr. Varan Singh, Mr. Anil Saini and Dr. Manisha Garg	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Practical Session on Plotting of soil losses	Dr. Varan Singh, Mr. Anil Saini and Dr. Manisha Garg	
		4:30 - 5:30	Practical Session on Plotting of soil losses	Dr. Varan Singh, Mr. Anil Saini and Dr. Manisha Garg	
24th October (Dashera)					
25th October THU	15	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ Discussion/ Group work
		10:00 - 11:00	Soil Characteristics determining or affecting watershed development	Shri Arun R. Joshie	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Practical session on determining and illustrating Stream orders in a typical watershed	Mr. Anil Saini	
		12:15 - 1: 15	Practical session on determining and illustrating Stream orders in a typical watershed	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
			Unit-3 Base Line Survey (Linked with Practical Measures)	Module 4 S&WC 2	
		2:15 - 3:15	BLS- Concept Introduction, Key Definitions & Words	Dr. Salil Mehta	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Pre requisites for conducting Base Line Surveys	Dr. Salil Mehta	
		4:30 - 5:30	Fundamentals of Base Line Survey - I	Mr. Somnath Roy	
26th October FRI	16	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ Discussion/ Group work
		10:00 - 11:00	Basic Methods for conducting a Base Line Survey	Mr. Somnath Roy	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Data Analysis & Interpretation	Mr. Somnath Roy	
		12:15 - 1: 15	Do's and Don'ts while conducting a Base Line Survey	Dr. Salil Mehta	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Exercise : Learning to Read & Understand Secondary Data and Primary Data	Mr. Somnath Roy, Dr. Manisha Garg, Mr. Pushkar das	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	

		3:30 - 4:30	Exercise: Designing a HH questionnaire, Analysing a Set of Data	Mr. Somnath Roy, Dr. Manisha Garg, Mr. Pushkar das	
		4:30 - 5:30	Exercise: Interpreting a Set of Data, Case Study Discussion	Mr. Somnath Roy, Dr. Manisha Garg, Mr. Pushkar das	
27th October (IDD) SAT					
28th October (Sunday)					
29th October MON	17	8:30 - 11:00	Departure from NLRI to IWMP Project Area Neemuch	Mr. Anil Saini, Ms. Anuradha Jain	Field visit and Group Task
		11:00 - 11:30	Arrival at the Project Site		
		11:30 - 12:30	Briefing and discussion at the task clarity		
		12:30 - 1:30	Group Task		
		1:30 - 2:30	Lunch Break		
		2:30 - 4:30	Group Task		
		4:30 - 5:00	Tea Break		
		5:00 - 6:00	De-Briefing at Project Area		
		6:00 - 8:30	Departure from Project Area and Back to Campus		
30th October TUES	18	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:30	Presentation by the Task Groups based on Village Work	Mr. Somnath Roy, Mr. Anil Saini, Ms. Anuradha Jain	
		12:30 - 1:30	Lunch Break	Mr. Ajit Chouhan	
		1:30 - 6:00	Presentation by the Task Groups based on Village Work	Mr. N.K. Bhagat, Mr. Anil Saini	
31st October WED	19	Unit-1	Topographic Surveying (Contour alignment, Slope)	Module - 5 (S&WC - 2)	Brain Storming/ PPT Presentation/ Discussion/ Group work
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	
		10:00 - 11:00	Weekly Test	Mr. Anil Saini	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Surveying - Concept & Objective	Mr. Anil Saini	
		12:15 - 1:15	Surveying - Principles	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Surveying - Use in watershed Project	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	

		3:30 - 4:30	Type of Surveying	Mr. Anil Saini	
		4:30 - 5:30	Type of Surveying Instrumcments	Mr. Anil Saini	
1st November Thu	20	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	How to do Survey	Mr. Anil Saini	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Methods - Computation of area (Catchment & Submerge area)	Mr. Anil Saini	
		12:15 - 1: 15	Practial Session on Contour Survey (CCT,SCT,Contour Bund, etc)	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Practial Session on Measuring of Slope (U-Tube & Thumb Rule)	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 5:30	Practial Session on Topographic Survey for Cross-Section of MSD.	Mr. Anil Saini	
2nd November FRI	21	Unit-1	Fundamentals of Development Administration	Module-1 (OPGS)	Brain Storming/ Discussion/ Group work
		9:45 - 10:00	Recap & Feedback	Co-Course Director to facillitate all the discussion sessions	
		10:00 - 11:00	Concept Introduction, Key Definitions & Words - Basics of governance and administration, understanding the difference between governance and administration, governance at grass root level;	Faculty NLRI	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Key Theoretical Aspects of Development Administration - The governance and administrative set – up at different levels starting from state to district, Tehsil, and villages;	Faculty NLRI	
		12:15 - 1: 15	Basics of Panchayati Raj System, 3 tier arrangement of Panchayati Raj Institutions, Roles, Responsibilities and peoples' representation in PRIs; Decentralized planning,	Faculty NLRI	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Understanding the functioning of Jila Panchayats, Janpad Panchayats, Gram Panchayats, Gram Sabhas;	Mr. Anil Saini	
		3:15 - 3:30	Tea Break		

		3:30 - 5:30	Development administration – key line departments, understanding planning and implementation processes of these line departments with special reference to IWMP;	Mr. N.K. Bhagat	
3rd November SAT	22	9:00 - 10:00	Briefing at NLRI for Visit to Collectorate, Jila Panchayat, Forest Department Ratlam	Co-Course Director to facilitate all the discussion sessions	Brain Storming/ Discussion/ Group work
		10:00 - 11:00	Departure from NLRI and Arrival at Jila Panchayat Office	Co-Course Director to facilitate all the discussion sessions	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Address by Collector, CEO, DLOs of Line Department	ARJ/ SR	
		12:15 - 1: 15	Discussion with DPO NREGA, and other officials	ARJ/ SR	
		1:15 - 2:00	Lunch Break	Mr. Ajit Chouhan	
		2:00 - 3:30	Visit to DWDC and Discussion with DPO Watershed and other IWMP Officials	Mr. Anil Saini	
		3:30 - 4:00	Travel to Forest Department	Mr. Anil Saini	
		4:00 - 6:30	Address by DFO and Discussion on Issues related to Watershed Activities and interface with forest department, convergence and linkeges with Forestry related activities.	Mr. N.K. Bhagat	
		6:30 - :7:30	Travel back to Campus		
4th November (Sunday)					
5th November Mon	23	9:00 - 10:00	Briefing at NLRI for Visit to Department of Farmers welfare and agriculture development, Horticulture, Animal Husbandry and Veterinary Services, Fishries department, Ratlam	Co-Course Director to facilitate all the discussion sessions	Brain Storming/ Discussion/ Group work
		10:00 - 11:00	Departure from NLRI and Arrival at concern office		
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Address by DDA, DDA (ATMA), ADH, DDVS, AD Fishries and Discussion on Issues related to Watershed Activities and interface with concern department, convergence and linkeges for related activities.	Dr. Varan Singh	
		12:15 - 1: 15	Discussion contineus	Dr. Varan Singh	
		1:15 - 2:00	Lunch Break	Mr. Ajit Chouhan	
		2:00 - 3:30	Discussion contineus	Mr. Anil Saini	
		3:30 - 4:00	Travel to department of RES, WRD	Mr. Anil Saini	
		4:00 - 6:30	Address by EEs and Discussion on Issues related to Watershed Activities and interface with concern department, convergence and linkeges for related activities.	Mr. Anil Saini	
		6:30 - :7:30	Travel back to Campus		
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	

6th November TUES	24	10:00 - 11:00	Gender Mainstreaming - I	Dr. Salil Mehta	Brain Storming/ PPT Presentation/ Discussion/ Group work
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Gender Mainstreaming - II - Film Show	Mr. Bhanwar Singh	
		12:15 - 1:15	Gender Mainstreaming - III	Dr. Salil Mehta with Ms. Anuradha Jain	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Practical Session on Topographic Survey for L-Section (MSD, ECD, Gated MSD etc)	Mr. Anil Saini, Mr. Iqbal Singh, Mr. Barun Kumar	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Practical Session on Topographic Survey for L-Section (MSD, ECD, Gated MSD etc)	Mr. Anil Saini, Mr. Iqbal Singh, Mr. Barun Kumar	
		4:30 - 5:30	Practical Session on Computation of area through Graph Paper from Toposheet (Catchment & Submerge area)	Mr. Anil Saini, Mr. Iqbal Singh, Mr. Barun Kumar	
7th November WED	25	9:00 - 9:30	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ Discussion/ Group work
		9:30 - 4:00 pm	Visit near by village/s in different groups at the time of WDC meetings, observe-Learn-Comment and Presentation	Mr. Ajay Pal Singh, Mrs. Vaishnavi Dhakad	
		4:00 - 4:30	Tea Break	Mr. Vinod Malviya	
		4:30 - 5:30	Group task and preparation	Course Director & Co-Course Director	
		5:30 - 6:30	Group presentation	Course Director & Co-Course Director	
8th November THURS	26	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Field work in Campus area
		10:00 - 11:00	Practical Session on Computation of area through Graph Paper from Toposheet (Catchment & Submerge area)	Mr. Anil Saini, Mr. Iqbal Singh, Mr. Barun Kumar	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Practical Session on Grid Survey (Earthen pond & Percolation Tank etc)	Mr. Anil Saini, Mr. Iqbal Singh, Mr. Barun Kumar	
		12:15 - 1:15	Practical Session on Grid Survey (Earthen pond & Percolation Tank etc)	Mr. Anil Saini, Mr. Iqbal Singh, Mr. Barun Kumar	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		Unit-1	Agonomic Measures for Watershed Program	Module-06 (S&WC-3)	
		2:15 - 3:15	Utility of Cropping Methods to enhance soil conservation - I	Dr. Varan Singh	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Utility of Cropping Methods to enhance soil conservation - I	Dr. Varan Singh	

		4:30 - 5:30	Organic farming's contribution to soil and water conservation	Shri Arun R. Joshie		
9th November FRI	27	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work	
		10:00 - 11:00	Water Management through suitable agronomical practices	Shri Arun R. Joshie		
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya		
		11:15 - 12:15	Soil Testing: Sampling and Collection Methods	Dr. Varan Singh		
		12:15 - 1: 15	Methods of Organic Manure Preparation	Mr. R.N. Yadav, Mr. Dinesh Prajapati, Mr. Rajendra Singh		
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan		
			Unit-2	Vegetative & Plantation Measures for Watershed Program (Horticulture plantation & Forestry (Agro & Social), Fuel Plantation, Fodder Development) & sustainability of plantations		Module-06 (S&WC-3)
		2:15 - 3:15	Establishing, Nurturing and Managing Village Level Nurseries	Mr. N.K. Bhagat		
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya		
		3:30 - 4:30	Assessment & Promotion of Horticulture plantation & Forestry (Agro & Social), Fuel Plantation, Fodder Development	Mr. N.K. Bhagat		
		4:30 - 5:30	Developing Agro Forestry Models	Mr. N.K. Bhagat		
10th November SAT	28	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	On campus practical	
		10:00 - 11:00	Grassland, Pastureland Development & Social Forestry	Mr. N.K. Bhagat		
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya		
		11:15 - 11:45	Journey to Field			
		11:45 - 12:45	Visit to a Nursery in Ratlam and Visit to a Horticulture Farm within a Watershed Area	Mr. N.K. Bhagat, Mr. Harish Gangwar		
		12:45 - 1: 45	Visit to a Nursery in Ratlam and Visit to a Horticulture Farm within a Watershed Area	Mr. N.K. Bhagat, Mr. Harish Gangwar		
		1:45 - 2:15	Back to NLRI			
		2:15 - 3:15	Lunch Break	Mr. Ajit Chouhan		
			Unit-3	Engineering Measures for Watershed Program		Module -06 (S&WC-3)
		3:15 - 4:15	Engineering Measures - Concept	Mr. Anil Saini		
		4:15 - 4:30	Tea Break	Mr. Vinod Malviya		
		4:30 - 5:30	Engineering Measures - Principles	Mr. Anil Saini		
		5:30 - 6:30	Engineering Measures - Need and importance	Mr. Anil Saini		
11th November (Sunday)						

12th November Mon	29	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Mid Term Paper-I	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 01:15	Engineering Measures - Understanding contour map, demarcation of ridges and valleys, determination of slop values and delination of contour (A-Frame and other equipments)	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 5.30	Engineering Measures - Drainage line and land treatment measures wrt to various watershed zones, rain water harvesting and conservation of structures	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
13th November (Diwali) TUS					
14th November WED	30	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Engineering Measures - For Drainage Line Treatment	Mr. Anil Saini	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Engineering Measures - For Drainage Line Treatment	Mr. Anil Saini	
		12:15 - 1: 15	Engineering Measures - For Torrent Control Treatments	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Bio-engineering Measures	Mr. Anil Saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Practical Session on Areble land control measures	Mr. Anil Saini	
4:30 - 5:30	Practical Session on Areble land control measures	Mr. Anil Saini			
15th November THURS	31	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Practical Session on Non-areble land control measures	Mr. Anil Saini	
		12:15 - 1: 15	Practical Session on Drainage Line Control measures	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Practical Session on Drainage Line Control measures	Mr. Anil Saini	

		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Practical Session on Bio-engineering measures	Mr. N K Bhagat	
		4:30 - 5:30	PNP - Concept, Objective	Mr. Arun Joshie	
16th November FRI	32	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	PNP - Procedure , Resource Required & advantages	Mr. Anil Saini, Dr. Varan Singh	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	PNP - Do and don't , Formats	Mr. Anil Saini, Dr. Varan Singh	
		Unit-3	Fundamentals of ITES (GIS) in Watershed Development & Management	Module-03 (IWD & M)	
		12:15 - 1: 15	Concept Introduction, Key Definitions & illustrative terms	Dr. Manisha Garg	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Theoretical basis for developing and understanding GIS in watershed program	Dr. Manisha Garg	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Data Requirement and Preparation for GIS Application in WSM - I	Dr. Manisha Garg	
		4:30 - 5:30	Data Requirement and Preparation for GIS Application in WSM - II	Dr. Manisha Garg	
17th November SAT	33	8:30 - 11:00	Departure from NLRI to IWMP Project Area Neemuch	Mr. Anil Saini, Ms. Anuradha Jain	Field work in Neemunch
		11:00 - 11:30	Arrival at the Project Site		
		11:30 - 12:30	Briefing and discussion at the task clarity (PNP)		
		12:30 - 1:30	Group Task		
		1:30 - 2:30	Lunch Break		
		2:30 - 4:30	Group Task		
		4:30 - 5:00	Tea Break		
		5:00 - 6:00	De-Briefing at Project Area		
		6:00 -8:30	Departure from Project Area and Back to Campus		
18th November (Sunday)					
18th		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/
		10:00 - 11:00	Thematic Layer Generation	Dr. Manisha Garg	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Data and Layer Overlays	Dr. Manisha Garg	

19th November MON	34	12:15 - 1:15	Preparing Digital Elevation Model for a Watershed	Dr. Manisha Garg	PPT Presentation/ Discussion/ Group work
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Using GIS Application in Natural Resource Management: A Case Study	Dr. Manisha Garg	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Basic Cartographic Techniques	Dr. Manisha Garg	
		4:30 - 5:30	Reading & Understanding a Toposheet	Dr. Manisha Garg	
20th November TUES	35	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Basics of Stream Analysis	Dr. Manisha Garg	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Watershed Delineation, Monitoring & MIS	Dr. Manisha Garg	
		Unit-4	Earthen and Civil Works in Watershed Development(area selection,design, estimation & dos & donts while Implementation)	Module-06 (S&WC-3)	
		12:15 - 1:15	Estimation - Concept, Types and Preparation	Guest Faculty	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Understanding of BSR, SOR , CSR, analysis of rate and its use	Guest Faculty	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Layout - Concept and Importance	Guest Faculty	
		4:30 - 5:30	Stage of construction	Guest Faculty	
21st November WED	36	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Masonry & Cement concrete work	Guest Faculty	
		12:15 - 1:15	Measurement of structures & Simple Tips	Mr. Anil Saini	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Practical Session on Layout & Measurement of earth work etc	Mr. Anil Saini, Mr. Barun Kumar	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Practical Session on stage of construction masonry work & measurement of work at different stage.	Mr. Anil Saini, Mr. Barun Kumar	

		4:30 - 5:30	Practical Session on Layout & Measurement of Bund	Mr. Anil Saini, Mr. Barun Kumar	
22nd November THURS	37	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	On Campus
		10:00 - 11:00	Practical Session on Pond design & measurement	Mr. Anil Saini, Mr. Barun Kumar	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Practical Session on and stone masonry work, Practical Session on CC work	Mr. Anil Saini, Mr. Barun Kumar	
		Unit-1	Farming System Development and Management (Present status, Gap, Reasons for Gap through Gap analysis, Future strategic plan like package of practice for productivity enhancement)	Module-08 (UPE&L)	
		12:15 - 1:15	Understanding approaches, prospects & constraints of farming system development	Shri Arun R. Joshie	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Defining farming system, framework analysis of farming system with special reference to IWMP	Shri Arun R. Joshie	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Assessing the potential of sub-systems & technological interventions for harnessing the inherent potential of the current rejuvenated farming system in a classic watershed project.	Shri Arun R. Joshie	
		4:30 - 6:30	Gap analysis- tools and processes	Shri Arun R. Joshie	
23rd November FRI	38	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Understanding crop-Tree-Livestock interface	Shri Arun R. Joshie	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Agro-ecological Zones of Madhya pradesh - Key determinants application & importance	Shri Arun R. Joshie	
		12:15 - 1:15	Key farming system in MP & their characteristics	Shri Arun R. Joshie	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Theory of diversification and intensification in farming system prespective	Shri Arun R. Joshie	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Farmer field school and technology management for optimising adoption rate and harnessing production potencial	Shri Arun R. Joshie	
4:30 - 5:30	Concept of seed self reliance- from seed security to food security and finally attaining livelihood security	Dr. Varan Singh			

24th November SAT	39	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Understanding participatory technology development protocol for productivity enhancement in IWMP context	Shri Arun R. Joshie	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Role of ATMA in technology adoption and management	Mr. R.N. Yadav	
		Unit-2	Post Harvest Management and Value Addition	Module-08 (UPE&L)	
		12:15 - 1: 15	Understanding the mgt post-harvest	Shri Arun R. Joshie	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Knowledge -technology-Market continuum	Shri Arun R. Joshie	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Value addition-definition, scope, typology & relevance in a typical watershed project	Guest Faculty	
4:30 - 5:30	Certification and quality control from production process to consumer preference - seed certification , organic certification, india specific GAP	Ms. Asha Upadhayay			
25th November (Sunday)					
26th November MON	40	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Conceptualising primary producers organisation- Cooperatives , MACS and FPCs	Dr. Varan Singh	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Understanding and deciphering value chain and supply chain to ascertain process of conversion of farm commodities to high value brands	Shri Arun R. Joshie	
		Unit-3	Livelihood with Special Reference to Women, Vulnerable Sections and The landless with a focus on Goatry,Poultry,Vegetable Production, Few economically viable MED etc	Module-08 (UPE&L)	
		12:15 - 1: 15	Definition, understanding livelihood framework	Mr. Arun Joshie	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Definition, understanding livelihood framework		
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Developing programmatic interventions for livelihood enhancement for women, vulnerable sections & landless communities in a watershed project	Shri Arun R. Joshie	

		4:30 - 5:30	Developing programmatic interventions for livelihood enhancement for women, vulnerable sections & landless communities in a watershed project	Shri Arun R. Joshie	
27th November TUES	41	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Ascertaining livelihood outcomes with watershed outcomes	Shri Arun R. Joshie	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	assessing & analyzing the existing livelihood, role of women in livelihood assessment	Shri Arun R. Joshie	
		Unit-1	Planning for Pre Implementation Phase	Module-07 (SW&C-4)	
		12:15 - 1: 15	Identification and selection of Entry Point Activities - social deterrminants, community mobilisation, Costing and budgeting & execution of works	Mr. Somnath Roy	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Developing documents for Technical Sanction (TS), Administrative Sanction (AS) for community proposed, agreed and approved EPAs	Mr. Anil saini	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Identification and constitution of WDC, UG and identification of potential grassroot worker as secretary to WDC and registration process of WDC	Mr. Somnath Roy	
		4:30 - 5:30	Preparation for field vist	Faculty NLRI	
28th November (Guru Nanak Jayanti) WED					
29th November THURS	42	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Field visit and Group Task
		10:00 - 4:00	Field work based on livelihood framework with a community group village Namli	Faculty NLRI	
		4:00 - 4:30	Tea Break	Mr. Vinod Malviya	
		4:30- 6:00	Presentation by the Task Groups based on Village Work	Faculty NLRI	
30th November FRI	43	7:30 - 11:00	Departure from NLRI to IWMP Project Area ITC-DSC Mhow		Field visit and Group Task
		11:00 - 11:30	Arrival at the Project Site	Faculty NLRI	
		11:30 - 12:30	Briefing and discussion at the task clarity	Faculty NLRI	
		12:30 - 1:30	Group Task	Faculty NLRI	
		1:30 - 2:30	Lunch Break	Mr. Ajit Chouhan	
		2:30 - 4:30	Group Task		
4:30 - 5:00	Tea Break	Mr. Vinod Malviya			

		5:00 - 6:00	De-Briefing at Project Area	Faculty NLRI	
		6:00 -9:00	Departure from Project Area and Back to Campus	Faculty NLRI	
1st December SAT	44		Unit-2	Monitoring & Supervision of On-going Works	Module-07 (SW&C-4)
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Monitoring & Supervision - Concept, need and importance	Mr. Somnath Roy	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Participatory Monitoring - Concept, Need and advantage	Mr. Somnath Roy	
		12:15 - 1: 15	Tools of Monitoring & Evaluation	Mr. Somnath Roy	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Check list of monitoring & supervision during on-going work	Mr. Somnath Roy	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Addressing qualitative and quantitative assessment of issues arising during monitoring of on-going work	Mr. Somnath Roy	
		4:30 - 5:30	Quality and process monitoring- tools and practices	Dr. Salil Mehta	
2nd December (SUNDAY)					
3rd December MON	45		Unit-3	Fundamentals of Convergence Management	Module-01 (OPGS)
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Concept Introduction, Key Definitions & Words,A Review of Convergence in Indian Development Planning	Shri Arun R. Joshie	
		12:15 - 1: 15	MGNREGS and Convergence of key sub projects with IWMP	Shri Arun R. Joshie	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	MGNREGS Convergence Guidelines, Analysing the Guidelines Critically	Mr. N.K. Bhagat	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Understanding Convergence types like Process convergence, activity convergence, output and outcome convergence, Qualitative Analysis of Convergence Initiatives	Shri Arun R. Joshie	
		4:30 - 5:30	Best Pratices in Convergence in India, Best Pratices in Convergence in Madhya Pradesh with ref to IWMP	Shri Arun R. Joshie	

4th December TUES	46	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Case study on convergence - analysing the level of convergence,	CCD and Mr. Ajay Pal Singh and team	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Case study of convergence models	CCD and Mr. Ajay Pal Singh and team	
		12:15 - 1: 15	Group task on developing convergence grid	CCD and Mr. Ajay Pal Singh and team	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Group task on convergence process management	CCD and Mr. Ajay Pal Singh and team	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Presentations by the groups	CD, CCD and faculties	
		4:30 - 5:30	Presentations by the groups	CD, CCD and faculties	
5th November WED	47	Unit-4	Developing Detailed Project Report (DPR)	Module-05 (SW&C-02)	Brain Storming/ PPT Presentation/ Discussion/ Group work
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	
		10:00 - 11:00	Basics of Reporting & Documentation	Dr. Salil Mehta	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Reading & Understanding the DPR	Mr. Somnath Roy	
		12:15 - 1: 15	Basic Writing Skills	Dr. Salil Mehta	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Preparation of DPR - understanding framework	Mr. Somnath Roy	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Collection, colating, tabulating and analysing data from secondary sources	Mr. Anil Saini	
4:30 - 5:30	Collection, colating, tabulating and analysing data from primary sources like- PRA, Base line, House hold survey, PNP and stake holder consultation	Mr. Anil Saini			
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/
		10:00 - 11:00	Understanding annual action plan, PERT, CPM, WBS, Gnatt chart, estimation of budget using SOR,	Shri Arun R. Joshie	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Understanding market price based costing and budgeting	Mr. Deepak Gupta/ Mr. Anil Saini	

6th December Thurs	48	12:15 - 1:15	Estimation of budget based on line item, convergence factor and leveraging	Mr. Deepak Gupta/ Mr. Anil Saini	Brain Storming/ PPT Presentation/ Discussion/ Group work
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Plan estimate and budget control - monthly, quarterly, six monthly and Annually	Mr. Somnath Roy	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Understanding and developing logframe analysis	Shri Arun R. Joshie	
		4:30 - 5:30	Developing a map dossier based on different GIS outputs and thematic maps	Dr. Manisha Garg	
7th December FRI	49	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Case Study of Lekodiya Tank DPR Ex.-I	Mr. Somnath Roy	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Case Study of Kanchankheddi DPR Ex.-II	Mr. Anil Saini	
		12:15 - 1:15	Group Exercise on developing LFA Ex.-III	Dr. Manisha Garg	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Group Exercise on Developing GIS based Map Dossier Ex.-IV	Dr. Manisha Garg	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Presentation of Exercise - I & II	CD, CCD	
4:30 - 5:30	Presentation of Exercise - III & IV	CD, CCD			
8th December SAT	50	Unit-1	Record keeping in Watershed Projects	Module-9 (D&MIS)	Brain Storming/ PPT Presentation/ Discussion/ Group
		9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	
		10:00 - 11:00	Definition and conceptualisation of record keeping process, What is record keeping, Importance of record keeping & type of records	Mr. Yash Kanungo	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Record keeping in relation to purchase procedure - market survey, QCS, approval process, work order/purchase order, submission bills/vouchers , UC, Payment sheet.	Mr. Deepak Gupta	
		12:15 - 1:15	Book keeping at WDC level, Book keeping at PIA level	Mr. Deepak Gupta, Mr. Mithilesh Pathak	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	

		2:15 - 3:15	Understanding process documentation for qualitative monitoring of activities, Documenting meeting proceedings and resolutions at WDC level	Dr. Salil Mehta	work
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Developing monthly, quarterly and annual progress reports	Mr. Somnath Roy	
		4:30 - 5:30	Preparing for district and state quality monitoring at preparatory phase, implementation phase & post implementation phase, Record keeping in relation to indicators as per LFA	Mr. Somnath Roy	
9th December (Sunday)					
10 Decemeber MON	51	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Weekly Test	Course Director & Co-Course Director	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Social audit- definition, processes, frequency, issues to be covered, documenting the social audits , Dos & don'ts, Reporting back to community for compliances to the issues identified in social audit	Mr. Yash Kanungo	
		12:15 - 1: 15	Lunch Break	Mr. Ajit Chouhan	
		1:15 - 6:30	Working with a PIA & WDC for hands-on practical orientation in grassroot record keeping	Mr. Mithilesh Pathak	
		Unit-3	Financial Audit	Module-09 (D&MIS)	
11th December TUES	52	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Introduction to audit, type, processes & preparation for financial audit	CA. Milind Gokhale	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Frequency, deficiencies, compliances & corrective measures, reporting compliance	CA. Milind Gokhale	
		Unit-2	Understanding and Developing MIS	Module-09 (D&MIS)	
		12:15 - 1: 15	Concept Introduction, Key Definitions & Words	Ms. Hetal Shah, (Guest faculty)	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Key Theoretical Aspects of MIS - I, MIS - II	Ms. Hetal Shah, (Guest faculty)	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	

		3:30 - 4:30	Developing understanding about Management Information System (MIS)	Ms. Hetal Shah, (Guest faculty)	
		4:30 - 5:30	Concept of On - line MIS in IWMP, Data feeding in MIS formate	Mr. Anwar, SLNA	
12th December WED	53	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Understanding MIS formates as prescribed by IWMP SLNA and CLNA	Mr. Anwar, SLNA	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	MIS in relation to concurrent monitoring with especial reference to activity monitoring	Ms. Hetal Shah, (Guest faculty)	
		12:15 - 1: 15	MIS and Management Decision - concept to practice, MIS based reporting for effective management at WDC and PIA level	Ms. Hetal Shah, (Guest faculty)	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Open house discussion on MIS as critical tool for monitoring and reporting to SLNA	Ms. Hetal Shah, (Guest faculty)	
		3:15 - 3:30	Tea Break	Mr. Vinod Malviya	
		3:30 - 4:30	Hands - on practice to develop and feed MIS data in prescribed formats	Ms. Hetal Shah, (Guest faculty)	
		4:30 - 5:30	Hands - on practice to develop and feed MIS data in prescribed formats	Ms. Hetal Shah, (Guest faculty)	
13th December THURS	54	9:45 - 10:00	Recap & Feedback	Course Director & Co-Course Director	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Hands - on practice to develop and feed MIS data in prescribed formats	Ms. Hetal Shah, (Guest faculty)	
		11:00 - 11:15	Tea Break	Mr. Vinod Malviya	
		11:15 - 12:15	Hands - on practice to develop and feed MIS data in prescribed formats	Ms. Hetal Shah, (Guest faculty)	
		12:15 - 1: 15	Hands - on practice to develop and feed MIS data in prescribed formats	Ms. Hetal Shah, (Guest faculty)	
		1:15 - 2:15	Lunch Break	Mr. Ajit Chouhan	
		2:15 - 3:15	Doubt Clearing Session on the entire course	CD and CCD, All faculty team	
		3:15 - 3:30	Tea on run	Mr. Vinod Malviya	
		3:30 - 4:30	Doubt Clearing Session on the entire course	CD and CCD, All faculty team	
4:30 - 5:30	Doubt Clearing Session on the entire course	CD and CCD, All faculty team			
Basix Module (14.12.12 to 18.12.12) Intermediat Holiday on 16th December 2012					

14th December FRI	55	9:45 - 10:00	Recap & Feedback		Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Need for sustainable livelihood interventions in watershed projects	Faculty from Basix Livelihood School	
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Need for sustainable livelihood interventions in watershed projects	Faculty from Basix Livelihood School	
		12:15 - 1: 15	Need for sustainable livelihood interventions in watershed projects	Faculty from Basix Livelihood School	
		1:15 - 2:15	Lunch Break		
		2:15 - 3:15	Various livelihood opportunities in watershed areas: Agriculture based, Horticulture based, Forest based, Livestock based , skill based and Micro Enterprise.	Faculty from Basix Livelihood School	
		3:15 - 3:30	Tea Break		
		3:30 - 4:30	Various livelihood opportunities in watershed areas: Agriculture based, Horticulture based, Forest based, Livestock based , skill based and Micro Enterprise.	Faculty from Basix Livelihood School	
		4:30 - 5:30	Various livelihood opportunities in watershed areas: Agriculture based, Horticulture based, Forest based, Livestock based , skill based and Micro Enterprise.	Faculty from Basix Livelihood School	
15th December SAT	56	9:45 - 10:00	Recap & Feedback		Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Methodology for Planning livelihood activities in watershed project	Faculty from Basix Livelihood School	
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Methodology for Planning livelihood activities in watershed project	Faculty from Basix Livelihood School	
		12:15 - 1: 15	Methodology for Planning livelihood activities in watershed project	Faculty from Basix Livelihood School	
		1:15 - 2:15	Lunch Break		
		2:15 - 3:15	Economic viability of the livelihood activity and project formulation	Faculty from Basix Livelihood School	
		3:15 - 3:30	Tea Break		
		3:30 - 4:30	Economic viability of the livelihood activity and project formulation	Faculty from Basix Livelihood School	
		4:30 - 5:30	Economic viability of the livelihood activity and project formulation	Faculty from Basix Livelihood School	
Working Sunday					

16th December SUN	57	9:45 - 10:00	Field Day - Market analysis, Resource analysis and skill analysis for initiating livelihood activity	Basix Faculties	Field visit and Group Task
		10:00 - 11:00	Departure to Field Area		
		11:00 - 11:15	Arrival at the Village side		
		11:15 - 12:15	Briefing and discussion at the task clarity		
		12:15 - 1: 15	Group Task		
		1:15 - 2:15	Lunch Break		
		2:15 - 3:15	Group Task		
		3:15 - 3:30	Tea Break		
		3:30 - 4:30	De-Briefing at Village		
		4:30 - 5:30	Departure from Village		
17th December MON	58	9:45 - 10:00	Recap & Feedback	Basix Faculties	Brain Storming/ PPT Presentation/ Discussion/ Group work
		10:00 - 11:00	Convergence with different schemes and programmes for implementation of livelihood activities		
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Convergence with different schemes and programmes for implementation of livelihood activities		
		12:15 - 1: 15	Convergence with different schemes and programmes for implementation of livelihood activities		
		1:15 - 2:15	Lunch Break		
		2:15 - 3:15	Forward and backward linkages		
		3:15 - 3:30	Tea Break		
		3:30 - 4:30	Forward and backward linkages		
		4:30 - 6:30	Forward and backward linkages		
18th December TUS	59	10:00 - 11:00	Final Evaluation Paper 1 NLRI - GVT	Course Director & Co-Course Director, NLRI -GVT	
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Final Evaluation Paper 2	Course Director & Co-Course Director	
		12:15 - 1: 15	Velidictory Session	All Faculties	
		1:15 - 2:15	Lunch Break		
		2:30	Departure to SWDF		
		6:30	Arrival at SWDF Chousala		
SWDF Module (19.12.12 to 22.12.12)					
		9:45 - 10:00	Recap & Feedback		

19th December WED	60	10:00 - 11:00	Need and concept of community organisation for promoting community participation and ownership	SWDF Faculties	
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Need and concept of community organisation for promoting community participation and ownership		
		12:15 - 1: 15	Need and concept of community organisation for promoting community participation and ownership		
		1:15 - 2:15	Lunch Break		
		2:15 - 3:15	Need and concept of community organisation for promoting community participation and ownership		
		3:15 - 3:30	Tea Break		
		3:30 - 4:30	Need and concept of community organisation for promoting community participation and ownership		
		4:30 - 5:30	Need and concept of community organisation for promoting community participation and ownership		
20th December THU	61	9:45 - 10:00	Recap & Feedback	SWDF Faculties	
		10:00 - 11:00	Principles, Stages and process of group formation		
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Principles, Stages and process of group formation		
		12:15 - 1: 15	Principles, Stages and process of group formation		
		1:15 - 2:15	Lunch Break		
		2:15 - 3:15	Principles, Stages and process of group formation		
		3:15 - 3:30	Tea Break		
		3:30 - 4:30	Principles, Stages and process of group formation		
4:30 - 5:30	Principles, Stages and process of group formation				
21st December FRI	62	9:45 - 10:00	Recap & Feedback	SWDF Faculties	
		10:00 - 11:00	Formation of User groups, Self Help groups and Watershed committees for effective management of watershed projects		
		11:00 - 11:15	Tea Break		
		11:15 - 12:15	Formation of User groups, Self Help groups and Watershed committees for effective management of watershed projects		
		12:15 - 1: 15	Formation of User groups, Self Help groups and Watershed committees for effective management of watershed projects		
		1:15 - 2:15	Lunch Break		
2:15 - 3:15	Roles and responsibilities of UG, SHG and WC in watershed management				

		3:15 - 3:30	Tea Break		
		3:30 - 4:30	Roles and responsibilities of UG, SHG and WC in watershed management		
		4:30 - 5:30	Roles and responsibilities of UG, SHG and WC in watershed management		
22nd December SAT	63	9:45 - 6:00	Field Day - Techniques for promoting community mobilisation and peoples participation, Effective Communication for community development, Group dynamics and conflict resolution, Maintenance of Development fund	SWDF Faculties	
23rd December (Sunday)- Transit to Bhopal from NM Sadguru for SLNA Module					
SLNA Module (24.12.12 to 28.12.12)					
24th December MON	64	2.00-2.30	Features of IWMP and various Phases	Shri Vivek Dave, Jt. Commissioner	
		2.30-3.00	Execution of Entry Point Activities	Shri. B. G Rao, Deputy Director	
		3.00-3.30	Watershed works at a glance	Shri. Giri	
		3.45-4.15	Livelihood initiatives in IWMP	Shri Ajay Deshpande Task Manager	
		4.15-4.45	Agricultural Productivity Enhancement		
		4.45-5.30	Coordination with other department in the district	Shri K.K Shrivastav, Deputy Commissioner	
25th December (X-mas Day) TUESDAY - Working Day					
25th December TUE	65	10.00-11.00	Institutional Arrangement and Roles of various institution - SLNA, DWDC, PIA/WDT	Shri. Vivek Sharma Task Manager	
		11.00-12.00	Village level Institutions and their roles- UG/SHG/WC and Gram Panchayat	Shri Ajay Deshpande Task Manager	
		12.00-5.30	Financial Management and Fund flow; various budget heads, provisions for expenditure,	Shri. Sharad Jain ADEO	
26th December WED	66	10.30-1.30	Maintenance of Books of accounts and other records &	Shri. P.K Singhai	
		1.30-2.30	Training and Capacity Building- Participatory Training Methodology	H. Rehman, GM Finance, RRDA	
		2.30-5.30	Maintenance of Books of accounts and other records & accounting procedure at PIA and WC level- Practice session	Shri. P.K Singhai	
27th December THU	67	10.30-11.30	Administrative and Technical sanctions for activities	Shri. Sharad Jain ADEO	
		11.45-1.00	Process for raising requisition for release of funds	Shri Vivek Dave, Jt. Commissioner	
		2.30-5.30	Scope for Convergence of various government programmes with IWMP	Shri. Sharad Jain ADEO	

28th December FRI	68	10.30-1.30	Office management , secretarial practice , filing system, Drafting	Shri. Ramesh Jain, Rt. Finance	
		2.30-5.00	MIS for effective reporting of IWMP	Mr. Anwar Hussain, Programmer	
		5.00-5.30	Wrap Up		