

Diploma in Watershed Management (DWM)
Tentative Counselling Schedule for the DWM Programme, July 2019
(Practical Session)

Sr. No	Practical topics	Course Code	Date and Time	Name of the Counsellor	Venue
1	Experiment 1 Watershed Characterization by Using Topographic Map	BNRI-101	17th Jan 2020 (9:00 – 6:00)	Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 2 Visual Interpretation of Satellite Imagery	BNRI-101		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 3 Spatial Database Handling in GIS Environment	BNRI-101		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 4 Delineation of Watersheds	BNRI-101		Ms. Prachi Patil	BAIF Warje Campus, Pune
	Experiment 5 Watershed Prioritization for Arresting the Land Degradation	BNRI-101		Ms. Prachi Patil	BAIF Warje Campus, Pune
	Experiment 2 Computation of Average Rainfall for Watersheds – Thiessen's Polygon	BNRI-102		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 3 Computation of Rainfall Intensities for Different Durations	BNRI-102		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 4 Peak Runoff Rate Computations by Rational Method	BNRI-102		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 7 Computation of Flow Rate in Irrigation Channel by Manning's Formula	BNRI-102		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 8 Computation of Flow Rate passing through V-notch and Rectangular Weir	BNRI-102		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 6 Preparation of Land Capability Class Map	BNRI-101		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
2	Experiment 6 Design of an Embankment Type Farm Pond	BNRI-103	18th Jan 2020 (9:00 – 6:00)	Ms. Prachi Patil	BAIF Warje Campus, Pune
	Experiment 7 Design of a Dugout Type Farm Pond	BNRI-103		Ms. Prachi Patil	BAIF Warje Campus, Pune
	Experiment 6 Estimation of Potential Crop Water Requirement for Different Crops	BNRI-104		Mr. Sagar Kadao	BAIF Warje Campus, Pune
	Experiment 7 Irrigation Scheduling	BNRI-104		Mr. Sagar Kadao	BAIF Warje Campus, Pune
	Experiment 8 Sprinkler Irrigation System	BNRI-104		Mr. Sagar Kadao	BAIF Warje Campus, Pune
	Experiment 9 Drip Irrigation System	BNRI-104		Mr. Sagar Kadao	BAIF Warje Campus, Pune
	Experiment 10 Irrigation Pumps	BNRI-104		Mr. Sagar Kadao	BAIF Warje Campus, Pune
	Experiment 10 Measurement of Hydraulic Conductivity by Augur Hole Method	BNRI-102		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 4 Determination of Watershed Characteristics using Topographic Map	BNRI-103		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 3 Procurement of Credits for Entrepreneurial Activities in a Watershed Area	BNRI-107		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 5 Evaluation of a Watershed Development Project	BNRI-107		Mr. Raosaheb Kote	BAIF Warje Campus, Pune
	Experiment 6 Preparation of Audit Utilization Certificate	BNRI-107		Mr. Raosaheb Kote	BAIF Warje Campus, Pune

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Sr. No	Practical topics	Course Code	Date and Time	Name of the Counsellor	Venue
3	Experiment 7 PRA Exercises	BNRI 101	14th Feb 2020 (9:00 – 6:00)	Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 8 Rooftop Water Harvesting	BNRI-103		Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 9 Field Visit for Study Soil Conservation Works	BNRI-103		Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 7 Organising Farmer's Day in a Watershed Area	BNRI -107		Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 4 Monitoring of a Watershed Development Project	BNRI -107		Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 1 Opening a Bank Account for Watershed Development Project	BNRI -107		Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 3 Soil Classification based on Soil Texture	BNRI-103		Ms. Prachi Patil	Wagholi/Randullabad
	Experiment 2 Book-Keeping and Maintenance of Accounts for Watershed Development Project	BNRI -107		Ms. Prachi Patil	Wagholi/Randullabad
	4	Experiment 2 Soil-moisture at Field Capacity and Wilting Point and Available Water Holding Capacity		BNRI- 104	15th Feb 2020 (9:00 – 6:00)
Experiment 3 Bulk Density of Soil		BNRI- 104	Mr. Sagar Kadao	Uralikanchan	
Experiment 1 Determination of Soil Texture		BNRI- 104	Mr. Sagar Kadao	Uralikanchan	
Experiment 1 Approaching, Handling and Restraining of Cattle		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 2 Body Points of Farm Animals		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 3 Methods of Identification of Farm Animals		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 4 Estimation of Body Weight of Cattle by Formula Method		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 5 Determination of Age of an Animal		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 6 Signs of Health in Farm Animals		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 7 Signs of Oestrus in Farm Animals		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 8 Full-hand Milking of A Dairy Cow/Buffalo		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 9 Housing of Dairy Cows		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	
Experiment 10 Visit to A Livestock Farm		BNRI-105	Mr. Avinash Deo/ Dr. Yogesh Raut	Uralikanchan	

B. S. Jaiswal

Sr. No	Practical topics	Course Code	Date and Time	Name of the Counsellor	Venue	
5	Experiment 1 Mould Board Plough	BNRI-104	27th Feb 2020 (9:00 – 6:00)	Mr. Sagar Kadao	Uralikanchan	
	Experiment 2 Disc Harrow	BNRI-104		Mr. Sagar Kadao	Uralikanchan	
	Experiment 3 Rotavator	BNRI-104		Mr. Sagar Kadao	Uralikanchan	
	Experiment 4 Cultivator	BNRI-104		Mr. Sagar Kadao	Uralikanchan	
	Experiment 5 Leveler	BNRI-104		Mr. Sagar Kadao	Uralikanchan	
	Experiment 6 Bund/Trench Former and Post Hole Digger	BNRI-104		Mr. Sagar Kadao	Uralikanchan	
	Experiment 7 Seed Cum Fertilizer Drill	BNRI-104		Mr. Sagar Kadao	Uralikanchan	
	Experiment 1 Layout of an Orchard	BNRI-106		Mr. Sagar Kadao	Uralikanchan	
	Experiment 2 Nursery Raising (Fruit and Vegetables)	BNRI-106		Mr. Sagar Kadao	Uralikanchan	
	Experiment 3 Crop Water Requirements and Selection of Irrigation Methods	BNRI-106		Mr. Sagar Kadao	Uralikanchan	
	Experiment 4 Pit Digging and Manuring	BNRI-106		Mr. Sagar Kadao	Uralikanchan	
	6	Experiment 1 Rainfall measurement	BNRI-102	28th Feb 2020 (9:00 – 6:00)	Ms. Prachi Patil	Wagholi
		Experiment 5 Measurement of Infiltration Rate	BNRI-102		Ms. Prachi Patil	Wagholi
		Experiment 6 Computation of Flow Rate by Float Method	BNRI-102		Ms. Prachi Patil	Wagholi
Experiment 9 Measurement of Ground Water Level		BNRI-102		Ms. Prachi Patil	Wagholi	
Experiment 1 Measurement of Land Slope		BNRI-103		Ms. Prachi Patil	Wagholi	
Experiment 2 Work Out the Depth of Soil		BNRI-103		Mr. Raosaheb Kote	Wagholi	
Experiment 5 Layout of Contours, Cross-section and Longitudinal Section of a Stream with Hand Level		BNRI-103		Mr. Raosaheb Kote	Wagholi	
Experiment 4 Pan Evaporation		BNRI-104		Mr. Sagar Kadao	Wagholi	
Experiment 5 Storage Capacity of Water Storage Structures		BNRI-105		Mr. Sagar Kadao	Wagholi	
Experiment 11 Visit to a Agricultural Meteorological Observatory		BNRI-103		Mr. Sagar Kadao	Wagholi	
7		Experiment 5 Preparation of Jam	BNRI-106	29th Feb 2020 (9:00 – 6:00)	Mr. Sagar Kadao	WAI- MAPRO/ MALA's unit etc.
	Experiment 6 Preparation of Jelly	BNRI-106	Mr. Sagar Kadao		WAI- MAPRO/ MALA's unit etc.	
	Experiment 7 Preparation of Squash	BNRI-106		Mr. Sagar Kadao	WAI- MAPRO/ MALA's unit etc.	
	Experiment 8 Preparation of Pickles	BNRI-106		Mr. Sagar Kadao	WAI- MAPRO/ MALA's unit etc.	

Note: The Practical Schedule is tentative and subjected to changes if students ask for the same during orientation program which will be conducted on 2nd of Nov

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