

**Diploma in Watershed Management**  
**Tentative Counseling Schedule for the DWM Programme for 2024- 2025 Session**

**KVK, Shikohpur (38022-P)**

**(PRACTICAL)**

**(Duration 4hrs / session)**

Practical schedule of **Diploma in Watershed Management** organized by **KVK, Shikohpur (38022-P)**. You are requested to join the online practical sessions through Google meet link.

Google Meet Link : <https://meet.google.com/fuw-igoe-vqh?hs=224>

**A. Guided Practical**

Session (1)	Date (2)	Day (3)	Timing (4)	Course Code and Title (5)	Sl. No. of the Experiments and Name (6)	Counselor (7)	Venue
1, 2, 3 & 4	11.04.2025	Friday	10:00 AM– 4:30 PM	Course – I (BNRI-101) Fundamentals of Watershed Management	1. Watershed Characterization by Using Topographic Map 2. Visual Interpretation of Satellite Imagery 3. Spatial Database Handling in GIS Environment 4. Delineation of Watersheds	Dr. A.K. Mishra	Virtual from IARI, New Delhi
5,6 & 7	12.04.2025	Saturday	10:00 AM– 4:30 PM		5. Watershed Prioritization for Arresting the Land Degradation 6. Preparation of Land Capability Class Map 7. PRA Exercises	Dr. A.K. Mishra	Virtual from IARI, New Delhi
8, 9, 10, 11&12	13.04.2025	Sunday	10:00 AM– 4:30 PM	Course – II (BNRI-102) Elements of Hydrology	1. Rainfall measurement 2. Computation of average rainfall for watersheds – Thiessen's polygon 3. Computation of rainfall intensities for different durations 4. Peak runoff rate computations by Rational method 5. Measurement of Infiltration Rate	Dr. A.K. Mishra	Virtual from IARI, New Delhi

13, 14, 15 16 & 17	15.04.2025	Tuesday	10:00 AM– 4:30 PM	<b>Course – III (BNRI-103) Soil and Water Conservation</b>	6. Computation of Flow Rate by Float 7. Method Computation of Flow Rate in Irrigation Channel by Manning's Formula 8. Computation of flow rate passing through V-notch and rectangular weir 9. Measurement of Ground Water Level 10. Measurement of Hydraulic Conductivity by Augur Hole Method	Dr. A.K. Mishra	Virtual from IARI, New Delhi
18,19, 20 & 21	16.04.2025	Wednesday	10:00 AM– 4:30 PM		1. Measurement of Land Slope 2. Work Out the Depth of Soil 3. Soil Classification based on Soil Texture 4. Determination of Watershed Characteristics using Topographic Map	Dr. A.K. Mishra	Virtual from IARI, New Delhi
22, 23, 24 & 25	17.04.2025	Thursday	10:00 AM– 4:30 PM		5. Layout of Contours, Cross-section and Longitudinal Section of a Stream with hand level 6. Design of an Embankment Type Farm Pond 7. Design of a Dugout Type Farm Pond 8. Rooftop Water Harvesting	Dr. A.K. Mishra	Virtual from IARI, New Delhi
26, 27, 28, 29 & 30	19.04.2025	Saturday	10:00 AM– 4:30 PM	<b>Course – IV (BNRI-104) Rainfed Farming</b>	1. Determination of Soil Texture 2. Soil-moisture at Field Capacity and Wilting Point and Available Water Holding Capacity 3. Bulk Density of Soil 4. Pan Evaporation 5. Storage Capacity of Water Storage Structures	Dr. Pargat Singh/ Sh. Ramsewak	<u>Virtual from KVK, Gurugram</u>
31, 32,33 & 34	20.04.2025	Sunday	10:00 AM– 4:30 PM		6. Estimation of Potential Crop Water Requirement for Different Crops 7. Irrigation Scheduling 8. Sprinkler and drip Irrigation System 9. Irrigation Pumps	Dr. Pargat Singh/ Sh. Ramsewak	<u>Virtual from KVK, Gurugram</u>
35, 36, 37, 38, 39, 40 & 41	21.04.2025	Monday	10:00 AM– 4:30 PM		10. Mould Board Plough 11. Disc Harrow 12. Rotavator 13. Cultivator 14. Leveler 15. Bund/Trench Former and Post Hole Digger	Sh. Ramsewak	<u>Virtual from KVK, Gurugram</u>

					16. Seed Cum Fertilizer Drill		
41, 42, 43, 44 & 45	22.04.2025	Tuesday	10:00 AM– 4:30 PM	<b>Course – V (BNRI-105) Livestock and Pasture Management</b>	1. Approaching, Handling and Restraining of Cattle 2. Body Points of Farm Animals 3. Methods of Identification of Farm Animals 4. Estimation of Body Weight of Cattle by Formula Method 5. Determination of Age of an Animal	Dr. Vijay Kumar	<u>Virtual from IGNOU, Maidangarhi</u>
46, 47, 48, 49 & 50	23.04.2025	Wednesday	10:00 AM– 4:30 PM		6. Signs of Health in Farm Animals 7. Signs of Oestrus in Farm Animals 8. Full-hand Milking of A Dairy Cow/Buffalo 9. Housing of Dairy Cows 10. Visit to A Livestock Farm	Dr. Vijay Kumar	<u>Virtual from IGNOU, Maidangarhi</u>
51, 52, 53 & 54	24.04.2025	Thursday	10:00 AM– 4:30 PM	<b>Course – VI (BNRI-106) Horticulture and Agro-Forestry Systems</b>	1. Layout of an Orchard 2. Nursery Raising (Fruit and Vegetables) 3. Crop Water Requirements and Selection of Irrigation Methods 4. Pit Digging and Manuring	Dr. Bharat Singh	<u>Virtual from KVK, Gurugram</u>
55, 56, 57 & 58	25.04.2025	Friday	10:00 AM– 4:30 PM		5. Preparation of Jam 6. Preparation of Jelly 7. Preparation of Squash 8. Preparation of Pickles	Sh. Ram Sewak	<u>Virtual from KVK, Gurugram</u>
59, 60, 61 & 62	26.04.2025	Saturday	10:00 AM– 4:30 PM	<b>Course – VII (BNRI-107) Funding, Monitoring, Evaluation and Capacity Building</b>	1. Opening a Bank Account for Watershed Development Project 2. Book-Keeping and Maintenance of Accounts for Watershed Development Project 3. Procurement of Credits for Entrepreneurial Activities in a Watershed Area 4. Monitoring of a Watershed Development Project	Sh. Ramsewak	<u>Virtual from KVK, Gurugram</u>
63, 64 & 65	28.04.2025	Monday	10:00 AM– 4:30 PM		5. Evaluation of a Watershed Development Project 6. Preparation of Audit Utilization 7. Certificate Organizing Farmer's Day in a Watershed Area	Sh. Ramsewak	<u>Virtual from KVK, Gurugram</u>

DPR	29.04.2025	Tuesday	10:00 AM– 4:30 PM	BNRP-108	DPR-DWM	Dr. Mukesh Kumar	SoA, IGNOU, New Delhi
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