

**Indira Gandhi National Open University
School of Agriculture, Block G-2, Academic Complex,
IGNOU, Maidan Garhi, New Delhi-110 068**

**Certificate Water Harvesting and Management
Tentative Counselling Schedule for the CWHM Programme, July 2019
(THEORY SESSIONS)**

(Total sessions: 18, Duration: 2 hours per session)

S. No.	Date	Day	Timing	Session	Course Code and Title	Venue	Counsellor
1	09.10.2019	Wednesday	1100–1200		Orientation cum Induction Programme of CWHM	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
2	09.10.2019	Wednesday	1200-1400	1	ONR-001 (Unit 1) Water Resources	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
3	09.10.2019	Wednesday	1415–1615	2	ONR-001 (Unit 2) Rain Water Harvesting	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
4	13.10.2019	Sunday	1000–1200	3	ONR-001 (Unit 3) Need and Scope of Watershed Management	SOA, IGNOU, New Delhi	Er. Vinay Kumar Rathi
5	13.10.2019	Sunday	1215-1415	4	ONR-001 (Unit 4) Planning of Watershed Projects	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
6	13.10.2019	Sunday	1430–1630	5	ONR-002 (Unit 1) Introduction to Hydrology	SOA, IGNOU, New Delhi	Er. Vinay Kumar Rathi
7	19.10.2019	Saturday	1000–1200	6	ONR-002 (Unit 2) Hydrological losses	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
8	19.10.2019	Saturday	1215-1415	7	ONR-002 (Unit 3) Rainfall and its Measurement	SOA, IGNOU, New Delhi	Er. Vinay Kumar Rathi
9	19.10.2019	Saturday	1430–1630	8	ONR-002 (Unit 4) Measurement and Estimation of Runoff	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
10	20.10.2019	Sunday	1000–1200	9	ONR-002 (Unit 5) Water Pollution	SOA, IGNOU, New Delhi	Er. Abhey Singh Soni

S. No.	Date	Day	Timing	Session	Course Code and Title	Venue	Counsellor
11	20.10.2019	Sunday	1215-1415	10	ONR-002 (Unit 6) Water quality parameters	SOA, IGNOU, New Delhi	Er. Abhey Singh Soni
12	20.10.2019	Sunday	1430–1630	11	ONR-002 (Unit 7) Water quality Basic Treatment Measures	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
13	26.10.2019	Saturday	1000–1200	12	ONR-003 (Unit 1) Methods of Water Harvesting	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
14	26.10.2019	Saturday	1215-1415	13	ONR-003 (Unit 2) Rain Water Harvesting System	SOA, IGNOU, New Delhi	Er. Abhey Singh Soni
15	26.10.2019	Saturday	1430–1630	14	ONR-003 (Unit 3) Water Harvesting for Crop Production	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
16	12.11.2019	Tuesday	1000–1200	15	ONR-003 (Unit 4) Artificial Ground Water Recharge	SOA, IGNOU, New Delhi	Er. Vinay Kumar Rathi
17	12.11.2019	Tuesday	1215-1415	16	ONR-003 (Unit 5) Storage of Harvested Water	SOA, IGNOU, New Delhi	Dr. Mukesh Kumar
18	12.11.2019	Tuesday	1430–1630	17	ONR-003 (Unit 6) Water Conservation Techniques	SOA, IGNOU, New Delhi	Er. Vinay Kumar Rathi

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(PRACTICAL SESSIONS for ONRL-001)*

A. Guided Practical

Session (1)	Date (2)	Day (3)	Timing (4)	Course Code and Title (5)	S. No. of the Experiments and Title (6)
1 & 2	02.11.2019	Saturday	1000-1430	Course 4: ONRL-001	1. Roof-top runoff calculation- Household level 2. Roof-top runoff calculation-Group Housing Societies
3 & 4	03.11.2019	Sunday	1000-1430	Course 4: ONRL-001	3. Discharge measurement 4. Working out storage capacity for various structures
5 & 6	13.11.2019	Wednesday	1000-1430	Course 4: ONRL-001	5. Rainfall measurement 6. Pan- Evaporation
7 & 8	16.11.2019	Saturday	1000-1430	Course 4: ONRL-001	7. Measurement of ground water level 8. Bulk density
9	17.11.2019	Sunday	1000-1230	Course 4: ONRL-001	9. Measurement of soil moisture
10	04.11.2019	Saturday	1130-1630	Course 4: ONRL-001	10. Visits for Water conservation techniques Instruments at WTC, IARI, New Delhi
	14.11.2019	Thursday	1000-1430	Course 4: ONRL-001	11. Visits for Water measuring Instruments at IMD, New Delhi

B. Un-guided Practical

17.11.2019	Sunday	1400- 1600	Unguided Practical (Exam)	SoA, Block IGNOU, Maidan Garhi, New Delhi-68
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* 75 per cent attendance is compulsory in the practical sessions for appearing in the practical examination.