



GOVERNMENT OF MAHARASHTRA
WATER RESOURCES DEPARTMENT

ANNUAL RESEARCH PROGRAM
YEAR 2024-25
(01/04/2024 TO 31/03/2025)

MAHARASHTRA ENGINEERING RESEARCH INSTITUTE
(MERI) NASHIK - 422 004

MAHARASHTRA ENGINEERING RESEARCH INSTITUTE, M.E.R.I., NASHIK-4

ANNUAL RESEARCH PROGRAMME : 2024-2025

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A: RESEARCH SCHEMES/ PAPERS

S. N.	NAME OF RESEARCH SCHEMES / PAPERS
RESOURCES ENGINEERING CENTRE	
1	Capacity Assessment of Pimplagaon Dhale reservoir, Dist. Solapur by satellite Remote Sensing Technique
2-7	06 Reservoirs Capacity Assessment Will be taken in hand after requested from field offices through MERI circle office
8	Identification, measuring and mapping of Standing Crop of a command area for the year 24-25
9	Capacity Assessment of Mula reservoir by satellite Remote Sensing Technique (Spillover)
10	Work of "Sedimentation Assessment Study of Modaksagar Reservoir Dist. Thane through Remote Sensing Technique" awarded to REC (MERI), Nashik by Brihanmumbai Municipal Corporation (BMC).(Spillover)
11-12	Research papers -02 no.s
SOIL TESTING DIVISION	
13	Comparison of Plate bearing test between Dry and Wet Condition: Research Problem (Spillover)
14	Landslide in India slope protection and remedial measures. (Spillover)
15	Determination of thickness of CNS layer according to swelling pressure of BC soil(Spillover)
16	Determination of Water content and Dry density Relation using compaction. (Spillover)
17	Study regarding improvement of Bearing Capacity of soil by various methods (Spillover)
18	Report on the foundation and investigation of soil properties Sulwade Jamphal Kanoli project, Shindkheda, Dist. Dhule (Spillover)
19	To derive talukawise/ districtwise soil properties pattern for Maharashtra State
MATERIAL TESTING DIVISION	
20	Use of Steel Fiber in concrete (Spillover)
21	Study of Use of Glass powder in Concrete. methods (Spillover)
22	Study of Leakages proofing (chemicals) material available in market to avoid leaching through various dams in Maharashtra (Spillover)
23	Study to Calculate the quantity of cement in leaching material through various dams in Maharashtra. (Spillover)
24	Ferro cement technique in construction by using guniting and other mechanical work. (Spillover)
25	To study the durability test of P.P.C. and O.P.C. cement (Spillover)
26	Study of Ferro Cement Lining for Canal: Paper study(Spillover)
HIGHWAY RESEARCH DIVISION NO.I	
27	Use of cement treated GSB in Road construction
28	Co - relation between surface potholes and roughness index (ARUR) of the Bitumen road.

B : TESTING

S. N	Division.	Name of testing to be done	No. of samples #
1	SOIL TESTING DIVISION	M.A., Specific Gravity, Plasticity Index, Permeability, Shear etc.	300

2	MATERIAL TESTING DIVISION	Cement, Fly ash, Aggregates, Cubes, Paver Blocks, RCC Pipes, Cores, Colgrout Cores, Bricks, Steel, Rock, Mix Design, Calibration, etc.	1300
3	HIGHWAY RESEARCH DIVISION NO.I	A.R.U.R., C.B.R. etc.	700
Total			2300

Number of Testing of samples are depend on requirements received from field offices.