



GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
CENTRAL WATER COMMISSION



**DISTANCE LEARNING PROGRAMME ON
WATER RESOURCES SECTOR IN INDIA FOR
SCHOOL TEACHERS**

23-25 NOVEMBER 2020

Save Water... Save Life... Save Earth...



Organized by

**NATIONAL WATER ACADEMY &
REGIONAL TRAINING CENTRE OF WMO, PUNE**

INTRODUCTION

Water is an integral part of Social and Economic issues. Population growth, rapid Urbanisation & Industrialisation, expansion of agriculture, Tourism and Climate change put water under increasing stress. To combat this critical condition, managing this vital natural resource is of paramount national importance.

While handling this vital resource with viable technical solutions combined with latest technology, it is also equally important to spread the awareness among the common public and stakeholders. Seeding and implanting this awareness about water at school level is expected to give a long-term effect in the society. The school teachers, who interact with the students on day to day basis are found to be the right choice in carrying out this target. Accordingly, this training programme is being organised to impart the knowledge on water related issues to School Teachers.

PROGRAM OBJECTIVE

The program will comprise of online classroom sessions, case studies and discussions and will cover the following topics:

- **OVERVIEW OF WATER RESOURCES SECTOR IN INDIA**
 - Available Water Resources and per capita water availability
 - Spatial and Temporal Variation
 - Introduction to Flood & Drought
 - Basins of India
 - Irrigation Development in India
 - Food security
 - Hydropower
 - Inter Basin transfer of Water
 - Constitutional provisions & and other topics
- **WATER CONSERVATION**
 - Need for Water conservation
 - Traditional and modern Water Conservation techniques
 - Roof top rainwater harvesting
 - Domestic water use & saving techniques
 - Jal Shakti Abhiyan and Jal Jeevan Mission
 - Best practices for teachers & students
- **WATER QUALITY**
 - Parameters defining water quality
 - Broad measurement techniques
 - Effect of Water quality
 - BIS Standard for drinking water
 - Best practices for maintaining water quality

PROGRAM FORMAT

Program contains online lecture modules and Discussions using "Google Classroom". For facilitating to join the training, the participants has to register themselves in the "Google Classroom" using their "Gmail account ". The Registered participants will be given the Class Code by this Institute, on entering which they will be accessed to the training modules. Participants will be required to complete an online Assessment through Multiple Choice Questions (MCQ) after completion of each module.

It is estimated that the dedication needed to successfully complete this course is a total of about 6-8 hours. As this is an online course, the School Teachers can participate in the program without taking any leave.

FACULTY

The faculty will be drawn from the core faculty of NWA and experts of the relevant topics.

The faculty will be available for online and offline interaction during the program duration.

TARGET GROUP

The DL program is intended to benefit the School Teachers working in State Govt, Central Govt. and Private Schools who plays a key role in imparting the knowledge to Students. Computer skill is a pre-requisite. Participants must have access to good internet connection at home or at School. If more number of participants are registered, then they will be divided into batches and training will be imparted.

PROGRAM FEE

There is no program fee.

PROGRAM DURATION

23 - 25 NOVEMBER 2020 (Three Days)

PARTICIPATION

The willing school teachers may register themselves latest by 20th November -2020 through Google Form link given below.

Confirmation on acceptance of nominations will be uploaded on NWA website (<https://nwa.mah.nic.in>) under the "Upcoming Events" link by 20th November 2020 and the individuals will also be informed by email. The nominated teachers have to attend this program from their existing place of duty and they are not supposed to come to NWA for the same.

CONTACT

For any additional information about this Program, Please contact:

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Please click the link and fill the online Google form before 20th November-2020
<https://rb.gy/oyfmx>



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Module/ Lecture Schedules (Each about 75 Minutes)

Date/Day	Module Details
23/11/2020 Monday	(a) Overview of Water Resources Sector in India (b) Assessment/Assignment through MCQ
24/11/2020 Tuesday	(a) Water Conservation (b) Assessment/Assignment through MCQ
25/11/2020 Wednesday	(a) Water Quality (b) Assessment/Assignment through MCQ