

MEMORANDUM OF UNDERSTANDING

MAHATMA GANDHI ARTS, SCIENCE AND LATE N. P. COMMERCE COLLEGE, ARMORI and GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI, now-recognizing the importance of research and development in the rural areas, as well as imparting training to U.G. & P. G. (Geology) students.

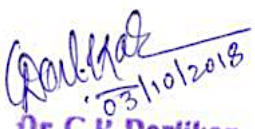
Now, therefore, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both Mahatma Gandhi Arts, Science And Late N. P. Commerce College, Armori and GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI, hereby acknowledge & agree to sign a memorandum of understanding (MOU)

Mahatma Gandhi Arts, Science And Late N. P. Commerce College, Armori and GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI, shall encourage interactions between the Research fellows, faculty members and students of college and groundwater survey, quality, analysis & their management through the following arrangements.

- Practical training of Institute students at GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI.
- Joint guidance of student projects/thesis in Geology and other areas of national interest at GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI, on mutually agreeable terms.
- GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI, personnel, as well as research scholars, may also be allowed to enroll for their project work at Institute Research Centre, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations prescribed by Gondwana University, Gadchiroli.
- Would allow the industrial visits of students to provide them with an exposure to various equipment, instrument, research oriented facilities etc.
- The students will carry out part of their Ph. D. research work or M.Sc. project at INSTITUTE RESEARCH CENTRE and GROUNDWATER SURVEY & DEVELOPMENT AGENCY (GSDA), GADCHIROLI, depending on the nature of work as per rules of the institute depending on facilities and requirements.
- For financial arrangements each specific collaboration will be decided on a case to-case basis and brought on record in each case after due approval from heads of both the Institution and GSDA Department.

The duration of the MOU shall be for a period of 3 years from the effective date. The MOU may be extended or terminated by a prior notice of not less than six month by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.

In witness where of parties here to have entered into this agreement effective as on the date and year first written above.


03/10/2018
Dr. C.P. Dorlikar
Head - P.G. Deptt. of Geology
M.G. Arts, Science & Late N.P. Commerce
College Armori Dist-Gadchiroli


वरिष्ठ भूवैज्ञानिक
भुजल सर्वेक्षण आणि विकास यंत्रणा
गडचिरोली





**MANOHARBHAI SHIKSHAN PRASARAK MANDAL'S
MAHATMA GANDHI ARTS, SCIENCE & LATE N. P. COMMERCE
COLLEGE ARMORI, DIST. – GADCHIROLI
ESTABLISHED – 1981
REACCREDITED BY NAAC BANGALORE WITH 'A' GRADE (2017)**

**And
GROUND WATER SURVEY AND DEVELOPMENT AGENCY**

Jointly organize

Report

on

One day e-Training Workshop

on

**GROUNDWATER REPLENISHMENT
(Under the aegis of Jalsaksharta Abhiyan 2021)**

(21th of June 2021)

Submitted

to

Internal Quality Assurance Cell

By

Dr. C. P. Dorlikar, Prof. S. M. Sontakke and Prof. P. S. Meshram

(Convenors)

The groundwater resource is the one of the most reliable source of fresh water. A nation with sustainable groundwater resource always suffices the need of the population. In the current situation, non-regulated utilization of the groundwater resource for agricultural and domestic purpose has cost a lot. Being a committed institution for sustainable development, the initiatives are taken to make the community aware about the same by organizing suitable events. Hence, one day e-Training cum Workshop has been organized to spread awareness about the groundwater replenishment on 21th June 2021 on ZOOM and YouTube platform. Following were the objectives of the webinar.

- To discuss the various issues related to groundwater.
- To spread awareness about the optimum use of groundwater resource.
- To motivate the stakeholders and elements from society to conserve the groundwater resource by various means.

Following resource persons were invited for the e-workshop.

- **Dr. Yogesh Dudhpachare**
Professor and Head, Dept. of Geography Janta College, Chandrapur.
- **Mr. Manohar Hepat**
District Project Manager, Indian Institute of Youth Welfare, NGO Gadchiroli.
- **Mr. T. P. Sayam**
Sr. Geologist, Groundwater Survey and Development Agency, Gadchiroli Govt. of Maharashtra.

e-Training Workshop Details

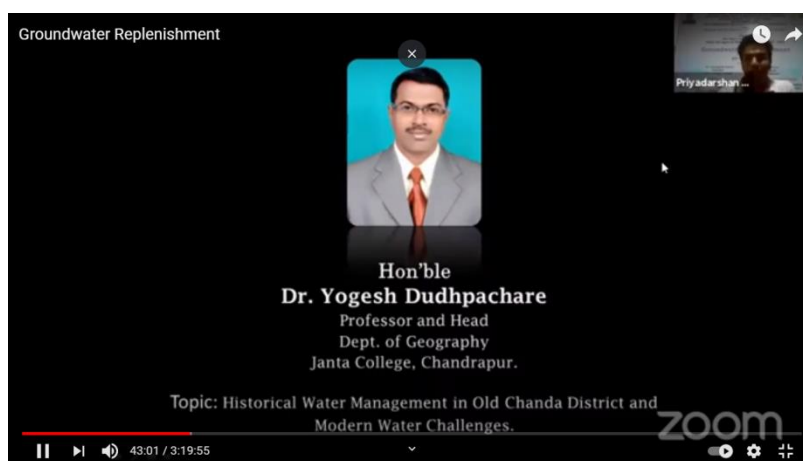
- **Organizing Team –**
Dr. L. H. Khalsa (Organizer)
Dr. C. P. Dorlikar (Convenor)
Prof. P. S. Meshram (Convenor)
Prof. S. M. Sontakke (Convenor)
Prof. S. T. Nagdeve (Organizing Secretary)
Dr. V. P. Gorde (Organizing Secretary)
Prof. P. S. Ganvir (Organizing Secretary)
Prof. G. M. Kadhao (Organizing Secretary)
Dr. K. N. Wasurke (Technical Support)
Dr. S. S. Kola (Technical Support)
Prof. S. D. Chute (Technical Support)
- **Total Registered Participants – 409**
- **Registration link –** <https://forms.gle/D6ics5uvmTQKHMEe7>
- **ZOOM Meeting ID –** <https://us02web.zoom.us/j/3032836362>
- **You Tube links –** <https://youtu.be/XNMCc8pZMQo>
- **Feedback links –** <https://forms.gle/EKeBg7BURom4ixnx6>
- **Total Visitors on YouTube – 284**

Proceeding

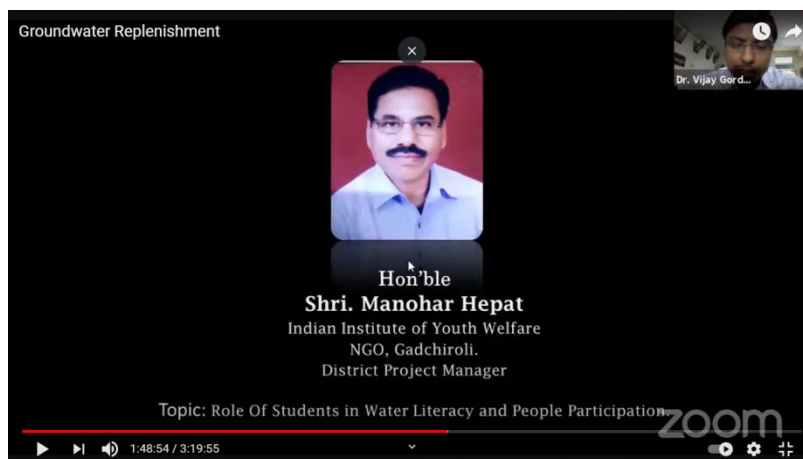
The inaugural and welcome speech was done by the Principal Dr. L. H. Khalsa. He welcomed all resource persons and participants. He also threw light on objective and motivation behind the e-Training. He precisely elucidated the importance of groundwater optimum utilization and its need in today's scenario. He formally inaugurated the e-Training and appealed all participants to take the maximum out of it.

Technical Session:

The first speaker **Dr. Yogesh Dudhpachare** from Janta College, Chandrapur is an expert on water management studies. He spoke on *Historical Water Management in Old Chanda District and Modern Water Challenges*. In his talk various examples of water management from the old times of Chandrapur district. He associated the current and old management systems of water management to put an effective management system in terms of groundwater.



The second speaker **Mr. Manohar Hepat** from an NGO, Gadchiroli is an expert on people participation in various sustainable activities. He spoke on *Role of Students in Water Literacy and Peoples Participation*. In his talk, he rightly emphasised on the participation of students in the water management through increasing the water literacy. He appealed the stakeholders to take participation for groundwater optimum use by various means.



The third and the final speaker was Mr. T. P. Sayam, Organizer of the workshop from GSDA, Gadchiroli and presented *Well/Bore well recharge and water budget*. He explained the various recharge methods of groundwater through well/bore well recharge. He discussed about the water budgeting and emphasized on it at unit level to reduce the load over the groundwater resource.



Dr. C. P. Dorlikar Prof. S. M. Sontakke Prof. P. S. Meshram
(Convenor)



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One Day e-Training Workshop

Under the aegis of JAISAKSHARTA ABHIYAN - 2021

on

Groundwater Replenishment

on

21st June 2021

(10.30 a.m.)

Our Resource Persons



Hon'ble Dr. Yogesh Dudhpachare
Professor and Head
Dept. of Geography
Janta College, Chandrapur.



Hon'ble Shri. Manohar Hepat
Indian Institute of Youth Welfare
NGO, Gadchiroli.
District Project Manager



Hon'ble Shri. T. P. Sayam
Sr. Geologist
G. S. D. A. Gadchiroli.
Govt. of Maharashtra

Topic -
Historical Water Management
in Old Chanda District and
Modern Water Challenges.

Time - 11.00 a.m. to 11.45 a.m.

Topic -
Role Of Students in Water Literacy
and People Participation.

Time - 11.50 a.m. to 12.20 p.m.

Topic -
Well/Bore well recharge and
water budget

Time - 12.25 p.m. to 12.55 p.m.

Organizer

Dr. Lalsingh H. Khalsa
Principal
M. G. College, Armori

Shri T. P. Sayam
Sr. Geologist
GSDA Gadchiroli

Convenors

Dr. C. P. Dorlikar
(Dept. of Geology)
Prof. S. M. Sonatkke
(NSS Coordinator)
Prof. P. S. Meshram
(Dept. of Geography)

Organizing Secretaries

Prof. S. T. Nagdeve
(9422154295)
Dr. G. M. Kadhao
(9922189282)
Dr. V. P. Gorde
(9766113711)
Prof. P. S. Ganvir
(9011038170)

Register yourself on.... <https://forms.gle/D6ics5uvmtQKHMEeZ>
Don't forget to join any of the telegram and WhatsApp group by
the links given at the end of the registration form after successful
registration.

All registered
participants will be
issued certificate...



Join us on...

<https://us02web.zoom.us/j/3032836362>

YouTube

<https://youtu.be/XNMCc8pZMQo>



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Groundwater Replenishment

**on
21st June 2021
(10.30 a.m.)**

Schedule of the e-training

21/06/2021			
Inaugural & Welcome Speech			
Dr. L. H. Khalsa, Principal, M. G. Arts, Science & Late N. P. Commerce College, Armori.			10.45 a.m.
Technical Session			
01	Dr. Yogesh Dudhpachare Professor and Head Dept. of Geography Janta College, Chandrapur	<i>Topic - Historical Water Management in Old Chanda District and Modern Water Challenges</i>	11.00 a.m. to 11.45 a.m
02	Shri. Manohar Hapat Indian Institute of Youth Welfare NGO, Gadchiroli. District Project Manager	<i>Topic - Role Of Students in Water Literacy and People Participation.</i>	11.50 a.m. to 12.20 p.m.
03	Shri. T. P. Sayam Sr. Geologist G. S. D. A. Gadchiroli. Govt. of Maharashtra	<i>Topic - Well/Bore well recharge and water budget</i>	12.25 p.m. to 12.55 p.m
Vote of Thanks			
Prof. S. M. Sontakke			01.00 p.m.

Organizer

Dr. Lalsingh H. Khalsa
Principal
M. G. College, Armori

Shri T. P. Sayam
Sr. Geologist
GSDA Gadchiroli

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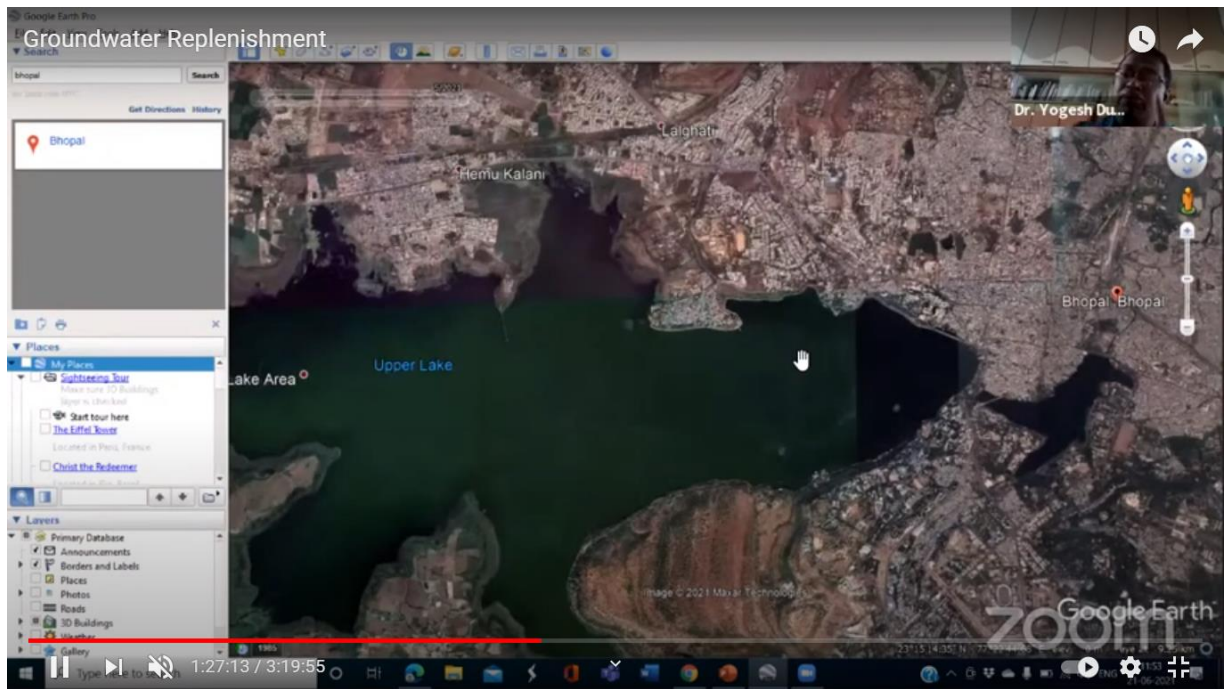


Plate 3: Technical presentations of Dr. Yogesh Dudhpachare during his talk.



Plate 4: Talk of Mr. Manohar Hepat during his talk.

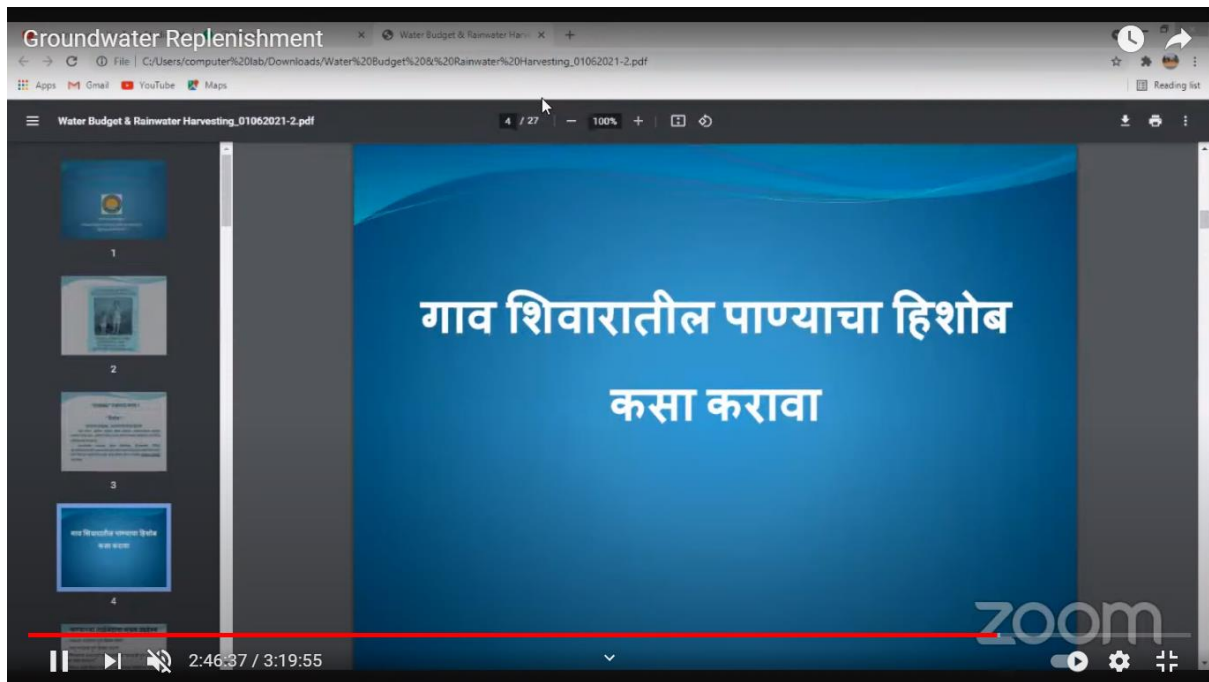


Plate 5: Technical presentations of Mr. T. P. Sayam during his talk.



Plate 6: Issued certificate to participant.

जलसंवर्धन ही प्रत्येकाची नैतिक जबाबदारी

प्राचार्य खालसा : आरमोरीत ई-कार्यशाळा

लोकमत न्यूज नेटवर्क
आरमोरी :- वाढत्या औद्योगिक विकासात, शेती कामात, उद्योग-व्यवसायात आणि घरगुती वापरात पाण्याचा वापर मोठ्या प्रमाणात होत असून, भूगर्भातील पाण्याचा उपसा करण्यावरच अधिक लोकांचा कल असल्याचे दिसून येते. भूगर्भातील पाण्याचा उपसा होत असताना पाण्याची भूगर्भातील पातळी संतुलित राखण्यासाठी व जलसंवर्धनासाठी शासन कृतिकार्यक्रम व संस्थांचे सहकार्य घेत असले, तरी ही केवळ शासनाची जबाबदारी नसून, प्रत्येक व्यक्तीची नैतिक जबाबदारी आहे, असे प्रतिपादन प्राचार्य डॉ. लालसिंग खालसा यांनी केले.

आरमोरी येथील महात्मा गांधी कला, विज्ञान आणि स्व.न.पं. वाणिज्य महाविद्यालयात 'जलसाक्षरता अभियान - २०२१ : भूजल पुनर्भरण' या

विषयावरील ई-कार्यशाळेत ते बोलत होते. ई-कार्यशाळेत चंद्रपूरच्या जनता महाविद्यालयातील भूगोल विभागप्रमुख प्रा. डॉ. योगेश दुधपचारे, जिल्हा प्रकल्प व्यवस्थापक, भारतीय युवा कल्याण संस्था गडचिरोलीचे मनोहर हेपट, भूजल सर्वेक्षण विकास आणि यंत्रणा गडचिरोली येथील वरिष्ठ भूवैज्ञानिक टी.पी. सयाम, उपसंचालक मंगेश चौधरी सहभागी झाले.

कार्यक्रमाचे संचालन प्रा. प्रियदर्शन गणवीर, तज्ज्ञ मार्गदर्शकांचा परिचय उपप्राचार्य डॉ. चंद्रकांत डोर्लीकर, प्रा. पराग मेश्राम, डॉ. विजय गोरडे यांनी करून दिला. आभार रासेयो प्रमुख प्रा. सतेंद्र सोनटक्के यांनी मानले. यशस्वीतेसाठी प्रा. सीमा नागदेवे, प्रा. डॉ. गजेंद्र कढव, प्रा. डॉ. विजय गोरडे, डॉ. सतीश कोला, प्रा. सुनील चुटे, डॉ. किशोर वासुर्के, प्रा. वैभव पडोळे, डॉ. नरेश बन्सोड यांनी सहकार्य केले.