# Manavlok Social Work College Ambajogai Dist. Beed



# Portray of Institutions Distinctiveness

Water Literacy Campaign

### MANAVLOK SOCIAL WORK COLLEGE, AMBAJOGAI

Address

P. 8. No. 23, Ring Road, Ambajogai, Dist. Beed 431517

Phone: 02446 247497, Fax: 02446 248888

Email: manavlok1999@ymail.com,

Web: www.manavlokcollegeofsocialwork.co.in,

Coordinator IQAC

Coordinator IQAC

Manavlok's College of Social Work

Manavlok's College of Social Work

Ambajogai Dist. Beed -431517

Manaviok's College of Social Work Ambajogar Dist. Beed 431517



### Water Literacy Campaign

Since 1982, Manavlok Navnirman Lokayat (Manavlok) has been implementing various activities in the drought-affected Beed, Latur and Osmanabad districts of Marathwada through watershed development for the development of the district. Through Manavlok organization various activities have been implemented to alleviate the drought in all districts of Marathwada. Under this program CCT, Ardhan Band, cement Band, gabion structure, deep tranches, farms banding, farm ponds and lift silt form large and medium dams and poured in agriculture land. Rejuvenation of the Holna River and Manjara River has been studied.

Manavlok Social Work College Ambajogai took initiative for the participation among the awareness regarding the effective implementation of these activities. Our student's faculty members and non-teaching staff were also actively participated to create awareness on "Stop Water - Conserve Water" through people participation. According to this programme soil and water conservation activity such as plantation, shramdan, Theme base rural camp, field exposure visits, area mapping (PRA) were conducted. An effective response given by institution, Stakeholders College is starting a cellificate course on water literacy as on extension of above prgramme affiliated by Dr. Babasaheb Ambedkar Marathwada University Aurangabad. Under this course college was conducted programme like seminar, workshop, Conferences, training on watershed development programme, survey on water bodies/water sources, awareness on save water, rain water harvesting etc. Paani Foundation organized a state level water cup completion for the promotion and conservation of soil and water. A part from this college was actively participated in Mahashramdan. During the period 2017 to 2022, various activities were implemented through activities such as rural camps, field exposure visits and field work, Shramdan, tree planting, tree care, importance of water, water saving, water harvesting etc to save and conserve water.

Manavlok Social Work College started researching the traditional water sources available in Ambajogai town. It was observed that Ambajogai city has Nizam period lakes, Barav, wells etc. If these water sources used properly, some amount of water problem can be solved. In the present study, data was collected through 131 families and a report was prepared by discussing with water supply department related persons, political persons, persons working on the subject of water etc. The fact report of water resources was brought to the notice of Municipal Corporation, Ambajogai.

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## **A Brief Report**

On

Impact Assessment of Desilting of Bada
Talab Ambajogai on Well and Tubewells in
Catchment Area

Conducted During 15,16and 17 June 2019

Prepared by
Dr. Nazir Sheikh
Dr. Hanumant Salunke

Principal Dr. Prakash Jadhav

Coordinator IQAC Manavlok's College of Social Work Ambajogai Dist. Beed -431517

MANAVLOK'S COLLEGE OF SOCIAL WORK, AMBAJOGAI

Address: P. B. No. 23, Ring Road, Ambajogai, Dist. Beed 431517

Phone: 02446 247497

Email: manavlok1999@ymail.com

Website: manavlokcollegeofsocialwork.co.in

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### Introduction:

Beed district is popularly known for migration and draught, beed district is experiencing the drought since last four years. The water scarecity is the major problems seen in the district. Low rain fall is one of the reasons for drought. Unavailability of dringking water is emerged as the major problems in rural as well as in urban area. Bada talab is constructed in the regiem of Nizam. This talab is filled by silt. The silt has minimized the storage capacity. So to increase the storage capacity of the talab, the efforts were made by the Manavlok and other machinaries.

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The desilting of bada talab is still continue and definitely this action has increased the storing capacity of this pond.

In the year 2015-16 and 2017-18 manavlok was involve in the process of desilting and at a large extent it was desilted. The aim behing desilting was to increase the storage capacity of this pond. By considering the aim of desilting Manavlok college of social work, decided to assess the impact of desilting on the catchment area. So a survey was conducted in this area and on the basis of the primary data sch as observation, discussion, questionnaire etc. this brief report was prepared.

### Methodology: -

To assess the impact of desilting of bada talab (reservivor) on water level of well, tubewell and handpump, a survey was conducted in the catchment area. In this survey 13 settlement areas (colonies) were covered. A structured questionnaire was prepared and administered to 131 households by following purposive sampling method. In every corner a discussion with local people was conducted and obtained the information about the present condition and status of water resources. Apart from this the students and faculties engaged in survey visited the wells, stepwells, and borewells, private and public borewells and know the condition of these resources and discussed with the surrounding householders.

### The Details of Area-wise Status of Well & Borewell

 Company Bagh Area:- In company 5 wells and 6 barav (Stepwell) are identified. At present (17.06.2019) all the identified wells is having water however only two barrav are found dry.

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Manavlok's College of Social Work Ambajogai Dist. Beed -431517 3

Menavlok's College of Social Work Ambajogai Dist. Beed 431517 2. Agriculture College Campus:- In agriculture college campus there are four wells and two tubewells. Out of these only three well having water whereas one well is dry.

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- 3. Bada Hanuman Mandir: the hanuman temple is closely surrounded by three wells having enough water. The water is about to 14 feets from the surface of the well having atleast 7 feet water storage in the well. These entire well are having enough water. Out of three, one well ids not properly maintained and it is filled by the bargagees and other waste materials. Infront of temple a water hand pump is not in functioning.
- **4. Vetenary Hospital area: -** a well and a borewell are in well condition and it is being used by the locals. Enough water is available for the surrounding households.
- 5. Flowers Quarter: in followers quarter there is only one well. The water level of this well is 7 feet from the surface. However, the condition of this well is worse. The well is filled with wastages such as bargages, waste materials, waste bottles, waste garlands etc. there are 10 private and one public tubewell in this area and all are seen in functioning.
- **6. Pensionpura:** it is known by locals that, there were 04 wells in Peshanpura area however, in the course of time three wells have been completely filled by silts and houses are constructed on it. There are seven borewells in this area out of which five are private. These bore well receives 10 to 15 minutes of water.
- 7. Mochi Galli: it is known that, there was a well in Mochi galli and it was the water resource for surrounding households till 1972. However in the course of time the well was filled by silts. Nagar palika completely filled the well and constructed a complex popularly known as Machhi market. In this area 10 borewells are in functioning, out of that eight are belongs to private owner and two are public. Two hand pumps are not in functioning.
- **8. Sadar Bazar:-** In Sadar Bazar, there are 05 private and 01 public borewell. There are also two handpumps which are not in functioning.
- **9. Sadar Bazar Milliya Chawk:-** There are 20 private and 05 public bore wells. Private Borewells are in functioning while; public borewells are in worse condition. Apart from this, three water hand pumps are not in functioning.

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Menavlok Scollege of Social Work Ambajogai Dist. Beed 431517 **10.Panchsheel Nagar:-** there are 05 private and 02 public borewells. These borewell receives water for 5 to 10 minutes. There are also two handpumps 02 which are damaged and not in functioning.

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- **11.Bhoi Galli and Kaikadi Galli:-** in Bhoi lane and Kaikadi there are only two borewells, one private and another is public borewell. Apart from this there is one water hand pump which is not in functioning.
- **12. Milind Nagar: -** There are 04 private and 04 public borewells in the area of Minlid Nagar. There is one water handpump which is not in functioning.

### **Summary of Findings Based on Discussions and Observations:-**

The efforts by Nagar parishad, Manavllok and other associations contributed in disilting resulted into increasing the water level of surrounding areas. The positive impact is seen on the well in the catchment area of Bada Talav.

- In this area there were 19 wells out of that 14 having water, 2 are dry and 3 wells are completely filled by garbages and silts.
- There are four Barav (Stepwell), in company area out of that two are dry whereas four have enough water.
- In the study area 51 private and 17 public borewells are identified. 31 borewell receives water for 10 minutes, 11 borewell receives 30 minutes, and 9 borewells receives water more than one hour.
- Out of 17 public borewells only 6 are in functioning and 11 are defunct.
- Total 14 water handpumps are identified out of that only two are in functioning and remaining are defunct or damaged.

### **Summary of Findings from Questionaire:-**

- 67.17 per cent people reported that, before desilting the water was available upto month of February.
- 73.28 per cent respondant reported that, after desilting, the ground water level increased and the wells having water throughout year.
- 89.31 per cent favoured that due to desilting upto 5to 6 feet water level of a well increased.

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- 74.80 per cent respondant stated that Due to inadequacy of raining, the water level is not increased
- 77 percent reported that, the enough water is available till February and lateron the water scarity begins.
- 85 percent respondent admitted that, due to desilting water level of wells, increased in comparison to prior to disilting.
- All most all the respondant admitted that due to negligency of the people, the wells are dying.
- 64.88 per cent borewell owner reported that, due to desilting the water level of borewell is increased.

### **Present Situation in Case of Water Scarcity**

- Irrespective of availability of water in well, Ambajogai urban is facing acute water scarcity, the families are adjusting with the situation by adopting available options.
- 12.97 per cent families are depended on government supplied tankers.
- 58.77 households are purchasing water as according to their needs. Whereas, remaining householders are depended on water supply by municipal corporation Ambajogai which supply the water twice in a month for one hour.
- No well or tube well is found recharged however, they are ready to do it in future.
- In such situation householders are using water very carefully by using limited water for bath clothe washing etc

### **Concluding Remarks:-**

In catchment area of bada talav, 19 wells were identified out of that 13 wells having water. These wells require taking care and disilting immediately. The water of these wells can be used for multiple purposes including for dringking.

No dought, the process of disilting has facilitated to increase the ground water level and its impact is seen on the surrounding borewells and wells.

The negligency of the people are supporting to die the well, if proper care of these wells are not taken definitely, these wells will be vanished or became a place for dumping the garbages and wastages. The water scarcity of Ambajogai city can be minimized by repairing and disilting these wells. These wells need to preserve and maintain

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A well located at Company Bag – Depth 30 ft. Water level 12 ft.



A well located at Company Bag Required to Desilt

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A well located at Company Bag Required to Desilt



A well located at Company Bag – Depth 30 ft.

Water supplied to Sitaphal Sanshodhan Kendra

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A step well located at Company Bag Required to repair & Desilt



A step well located at Company Bag

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A step well located at Company Bag Required to Desilt



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A well located at Bada Hanuman Mandir Required to Desilt

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A well located at Bada Hanuman Mandir Required to Desilt

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A well located at flowers Quarter, medical college road, this well is filled by wastages, required to Desilt

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Close view of well located at flowers Quarter, medical college road, this well is filled by wastages, required to Desilt

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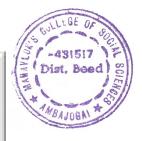


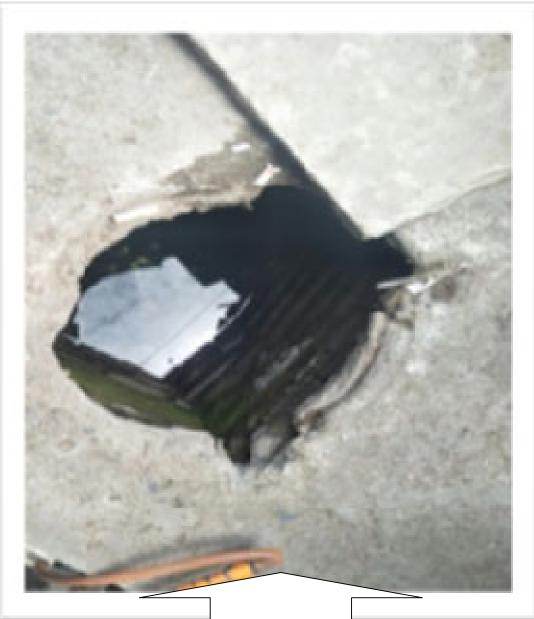


A well located at Agri. College Campus

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Water spring at Sadar Bzar Chauk

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A Well filled by wastages and garbages at pension pura

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A Well filled by wastages and garbages at pension pura

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A Well at Medical college road, flowers quarter discussion with neighbours who was participated in deselting

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Overflow of Bada Talab

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Principal Dr. Prakash Jadhav observing the deselting area

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### Manavlok's College of Social Work Amabjogai Dist. Be

### Study of Water Sources and Current Status in Ambajogai City

### 2019/2020

Se.	Activity	Learning Objectives	Year	Date
No.				
1	Advanced	Understand societies response		11 u,& 12th
	Orientation Visit	to social problems	III rd Sem	July
2	Orientation	Understand the importance of	I st Sem	15/7 2019
	Workshops	orientation visits		
3	Workshop on Field	Orientation to field work	III rd sem	15/7/19
	Work	practice		
4	Field work Visits	Practice based on ethics and	Illrd Sem	16Julyto 1st
		philosophy of S W for skills,		October 2019
		knowledge and attitude		20 Visits
		development		
5	Review of field work	Review and evaluation		

It was discussed in the meeting of field work held on 4 / 7 / 2019 that there should be uniformity in the activities in various agency to acquire the basic knowledge of social work practicum as per the social work methods to deal with the problems in the community. Water scarcity is one of the prominent issue faced in the Ambajogai city. After discussion it was unanimously decided that apart from the local c immunity issues, water associated problems





should be focused thematically by implementing survey. The Municipal Corporation should be consulted and Memorandum Of Understanding should made between the College and the Municipal Corporation.

### Theme of Field Work Practicum

- 1. Make list of water resources
- 2. Water Management
- 3. Awareness for water Literacy

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### Workshop on Field Practicum on Water management theme

Workshop on water Management theme was conducted on 15/7/2019 at college. Questionnaire was developed and discussed with students. They were acknowledged with the issue of water scarcity and how to observe questionnaire without making errors. Four groups were formed to take up the survey of the city under the supervision of the faculty. The members of the Municipal cooperation



were called in the workshop from two municipal Wards. A rigorous exercise of data collection was carried with the students under the supervision of faculty members. Each and every house having water connection or water resource like tube wells, bore wells, or other available resource were surveyed also the public water resources like community wells, community hand pump, or public tab water connection were taken in to account. The observation noted in the survey helped to evaluate the condition of the water resources, there usefulness etc. to the community. Thus the Chief Officer of the Municipal Corporation, Ambajogai was communicated the purpose of the survey through correspondence.

# Meeting with municipal Councilors, Chairman (Nagar Adhyaksha )and the Officials 1 of Municipal Corporation

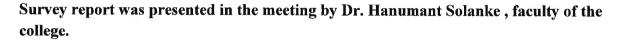
Every municipality Ward was covered in the survey . A joint meeting was called at Municipal corporation on 29 /7 2019 along with students and faculties of the college s and the Chief Officer Mr.Jagtap , Mr.Rajkishor Modi , Group Leader of elected counselors, staff and elected crop orates. Students made presentation before the participants about the survey and the issues in the communities in Ambajogai city.



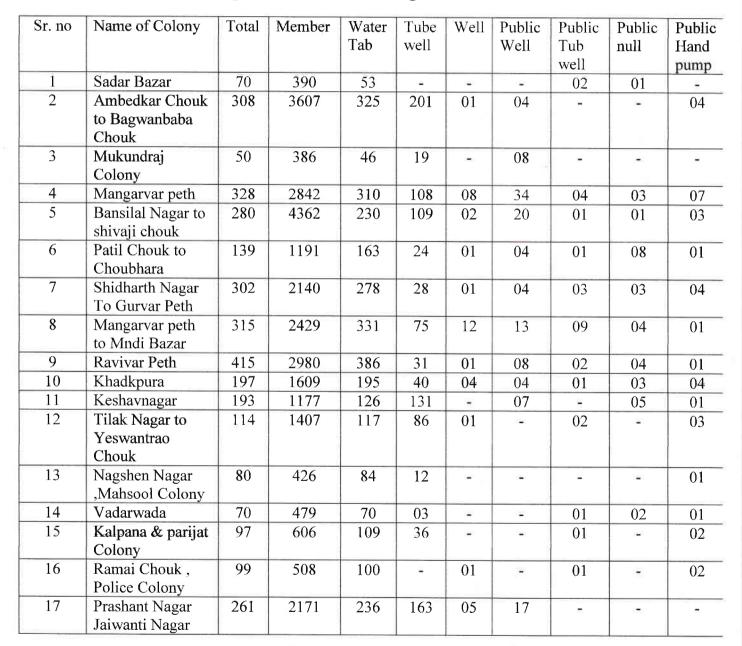
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### The Agenda of the Meeting -

- 1 Presentation of Survey report
- 2 Discussion on Water management issue
- 3 Strategy adaptations



### The report in the form of tables given below



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18	Bhim Nagar	125	772	104	02	:==	-	- //	01
19	Samata Nagar	57	314	33	01	8 <del>7</del> .	<del>-</del>	; <del>-</del> .	019
Total									

### Finding of the Baseline Survey

1. Total population covered - The survey was carried for 15 days of the team of five groups of students. Every group contain five to six students and a faculty member to supervise the survey. Some nineteen areas of the Ambajogai town were covered. 3500 Families were interacted and cheeked the water resources. There are total 3500 ,



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families having private water resource or the municipality water connection. Population covered in the survey was 28815 and had 3328 Water Connections. Such huge numerical data was collected through survey.

- 2. Water resources There were 1079 private bore wells .According to Municipal rules and regulation Act, bore wells should be registered in the municipality. In 2016 Municipality administration had appealed the private bore well owners to recharge the water by applying he water harvesting system. It was found that inspire of incentives for the roof water harvesting schemes that is provision of 10 % concession in house tax, very few citizens implemented the water recharge techniques. Only 190 bore well had been applied the water recharge techniques
- **3. Public** bore wells The survey revealed that there were many public tube well that were not in the functioning state. They were under repair from many days. That caused inconvenience to the common people. There were 53 defunct hand pumps or bore wells and only 33 public bore wells were functioning.
- 4. **Private and Public Wells** There are total 35 public wells found in different areas of Ambajogai town. Some well were old and were not in use currently. It could be brought in to use with little repairing. Some wells had large water storage capacity. There were 94 family wells found in the old area of the town, out of that only five well had been recharged.

**5. Public Water Tab** - Municipality had provided 27 community water connections in the poor locality. Most of them were in the working condition. It was noticed that the water supply in private and public tabs had lot of water wastage. The water saving awareness was lacking in all the community levels.

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### 6. Observation

1. Water Storage and Water Availability is adequate in public water resources in however water w

- 2. Water Harvesting Management is Poor
- 3. Water Wastage through Water connection
- 4. unclean Surrounding and improper garbage storage system

### Action Plan in collaboration with Municipal Corporation

Thus the meeting got fruitful to design the strategy and act jointly. It was discussed that Municipality would take initiative to resolve the water issues in the areas. All corporator agreed to respond the issues in their wards and would work out the possible measures to intervene the issue. The team leader assured to attend the public meetings in every area and try to resolve the problem. College has taken the responsibility to make aware the people regarding the water issue and per-sue people to take initiative to resolve the problem by them.

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# Activities under taken in relevance to the issue

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THE AJOBAL A	Evaluation	Water issues discussed Waste water, tap water,	Repairing of The Well		Awareness Creation	Glossary Kit	Adapting tool for water wastage	Water issues discussed	Waste water, water timings, water resources	Awareness for Water Conservation	Awareness for Water	Water Sanitation	Distribution of Dust been	Social Action for Various Problem	Water issues discussed Waste water, watertimings , water resources	Manaylok's College of Social Work Manaylok's College of Social Work Albajogai Disv. Beed 431517
	Participants	300 Men & women	Students and	Community People	Students	All Faculty and All Students	SHG Groups	250 Men &	women	30 SHG Women	45 People and Students	40 people	80 SHG Women and Student	73 people	150 People	
n relevance to the issue	Guest	Mr.Rajkishor Modi	Mr. Sunil Vavare -	Corporator	Dr. Chate Nitin Mr. Shidharth Sonwane	,	Mr. Sunil Vyavare Corporator	Mr.Rajkishor Modi	Mr. Prativiraj Sathe Mr. Dinesh Bharadiya	DR. Hanumant Salunke	Mr. Dinesh Bharadiya	Dr. Hanumant Salunke	Dr. Arundhati Patil Miss. Sangita Kale - Corporator	Residents	Mr.Rajkishor Modi Mr. Chous Ramiys	
Activities under taken in relevance to the issue	Activity	Public Meeting with corporators	Followup And Review	Water Resource	Plastic Ban Movement & Eco friendly environment	Flood Relief Work	Water management	Public hearing		Meeting with SHG Women	Meeting for youth and people in Water Literacy	Followup Meeting for people water	Awareness For Environment Water Management and Plastic ban	Memorandum for Clean Surrounding to Municipal corporation	Public hearing	
	Area	Raviwarpeth	Ravivar Peth		MCSW	Manavlok	Ravivar Peth	Mukundraj	Colony	Mukundraj Colony	Mukundraj Colony	Mukundraj Colony	Mangarvar Peth	Mangarvar Peth	9/2019 Mangarar	of Social Work of Social Work seed -431517
	Date	25/8/19	13/9 2019		09/08/2019	13/08/2019	24/09/2019	22/09/2019		27/09/2019	22/0/2019	04/10/2019	20/08/2019	30/08/2019	15/09/2019	Coordinator 10AC Manaylok's College of Social Work Ambajogai Dist. Beed -431517
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Cleaning & Water Clerk	BULL OF	Water issues discussed Waste water, watertimings , water resources	Water Awareness	Save Water	Awareness For Water conservation	About Cleanliness	Water Sanitation	Water issues discussed Waste water, watertimings	, water resources	Issues on Water	Similar Smith	Repairing Borwell and Water Pipe line	10 Family Survey	Water issues discussed	Waste water, watertimings	, water resources
School Children	Residents	130 people	25 People	100 Student	40 People	School Children	School Children	80 People		30 Women	Residents	30 Women	Residents	110 people		
Students	Students	Mr.Rajkishor Modi Mr. Chous Ramiys Miss Babita Admane Mr. Rahim Shiekh		School Children	Mr. Kisan Shingare	Msw Students	Mrs.Patil- H.M. Z. P.School	Mrs.Vasanti Babaje - Corporator		Sukeshini Jogadand	Msw Students	Msw Sudents	Msw Students	Mr. Sanjay Gambhire	Mr. Dhammapal	Sarvade
Rally for Awareness	Survy for Toilet Contraction	Public hearing	Followup	Rally	Water Literacy	Rally	Cleaning Surrounding	Public hearing		Meeting With Women	Plantation	Meeting With Women	Water harvesting	Public hearing		
Mangarvar Peth	Mangarvar Peth	Sadar Bazar	Sadar Bazar	Sadar Bazar	Vadarvada	Vadarvada	Vadarvada	Sant Kabir Naagar		Gavlipura	Gavlipura	Gavlipura	Gavlipura	Gavlipura		
21/09/2019	27/09/2019	24/09/2019	270/09/2019	04/10/2019	09/08/2019	22/08/2019	13/09/2019	17/09/2019		03/09/2019	10/09/2019	20/09/2019	24/09/2019	27/09/2019		
13	14	15	16	17	18	19	20	21		21	22	23	24	25		

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**Peoples Participation in Water Management.** 

Date: 30-09-2019



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# One day National Workshop on Peoples Participation in Water Management.

Manavlok's College of Social Work was organized one day national level workshop on 'Peoples Participation in Water management on 30-09-2019 with the objective of – to understand the importance of people's participation in Water management, to know about how to save water and how to use water and the techniques of using and saving the water.

### Objective of the Workshop.

- To know about the techniques of using and saving water.
- To understand about the role of youth in water management.

In this workshop 108 NSS students and other students from various colleges including our college were participated. Honorable Rajendrsing Rana was the inaugurator and key note addressor. Mr. Aniket Lohiya, Secretary Manavlok was the president of this workshop.

### This workshop was conducted in two sessions

Time
11 am to 1.30 pm
2.30 pm to 4 pm

First session was started with the introductory speech by Dr. Prakash Jadhav, Principal Manavlok's College. In the first session Dr. Rajendrasing Rana, Waterman was inaugurated the workshop and explained the seriousness of saving water and he also discussed about the importance of every drop of water, he said that every one should try to save the water and he also said it is our duty to make the rivers clean and we all try for sustainable development and citizens should focus on tree plantation also.

Mr. Aniket Lohiya in his presidential address high lighted on the role of youth in water management. In the second session the participants were divided in 10 groups and different water issues were given to them for group discussion and presentation. The session was summarize by the resource persons by satisfying the quires of the participants.

The Workshop was concluded vote of thanks by Dr. Nazir Sheikh and programme was co ordinate by Dr. Rama Pande and Assistant Professor Sukeshini Jogdand. There was a satisfactory response from students form various colleges for the workshop which was conducted on the burning issue i.e. water management.

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# Manavlok's Cöllege of Social Work Ambajogai Dist. Beed

One day National Workshop on People's Participation in Water Management

Date: 30-09-2019

Anchoring	Lecture Sukeshini Jogdand, co- co ordinator					
Welcome song	Supriya Pandhare					
Welcome of guests	<ul> <li>Dr. Rajendrasinha Rana, Water man of India</li> <li>Shri. Aniket Lohya, Secretary Manavlok Ambajogai</li> <li>Dr. Prakash Jadhav, Principal</li> <li>Dr. Rama Pande, Co ordinator</li> </ul>					
Introduction	Dr. Rama Pande, Co ordinator					
Guidance of chief guest	Dr. Rajendrasinha Rana Waterman of India Mr. Aniketji Lohiya, Secretary Manavlok					
Vote of thanks	Dr. Nazir Sheikh					

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One Day National Workshop

### PEOPLE'S PARTICIPATION IN WATER MANAGEMENT Organized By

### MANAVLOK'S COLLEGE OF SOCIAL WORK, AMBAJOGAI, DIST. BEED

Date: 30 September 2019

Certificate

This is to certify that Mr. Mrs. Miss Pawas Psadipkumas Limbaji

Marawlok socialwark college, Ambajogai. has participated in One Day National

Workshop on People's Participation in Water Management organized by Manaylok's College of Social Work, Ambajogai Dist.

Beed on dated 30 September 2019,

Hence Certificate issued. Slein

Sukeshini Ramteke

Asst Prot. Co-Convener

Dr. Rama Pande

Dr. Prakash Jadhay

Mr. Aniket Lohiya

Socretory MANAVIOR, Amboy

Coordinator TQAC

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Social activists, experts, academician, researcher and students were participated in the programme

Kisan Shingare, Assistant Professor addressing participants on importance of water literacy.





Dr.Rajendra Sinha Rana discussing with students on the role of youth in Water Management.

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Dr. Rajendra Sinha Rana, Waterman of India, while addressing the participants on Water Literacy.



Shri Aniket Lohiya, Secretary Manavlok Shairing his experiences in Watershed Development.

Social activists, experts, academician, researcher and students were participated in the programme



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#### **Climate Change: Problems and Solutions**

On the occasion of the first commemorative day of Dwarkadasii Lohia (Babuji), two-days national conference held was on22-23 November 2019 on the theme "Climate Change: Problems and Solutions". Hon. Mr. Pramod Deshmukh President Afarm Pune, Sunandatai Pawar as the keynote speaker, Social Worker and chairperson of Baramati Agricultural





Agriculture College, Ambajogai, Hon. Mr. B. B. Thombare Director Natural Sugar, and Allied Industry Ranjani gave their valuable guidance. Hon. Mr. Chintamanrao Kulkarni communicated the work of Manavlok with the attendees. Hon. Ashokrao Deshmukh President Manavlok announced the name of college as Dr. Dwarkadasji Lohia Social Work College Ambajogai.

Science Center, Baramati, Shri, Ashokrao President Deshmukh. Manaylok. present. Introductory speech was given by Dr. Prakash Jadhav. Hon. Mr. Atul Deulgaonkar and Hon. Mr. Uday Devlankar was the chief guest. In the second session Hon. Mr. Pradip Purandare was chairperson. The third session and concluding program of the conference was held on November 23. At this time Hon. Mr. Vilas Shide, Director Sahvadri Agro Farms, Nashik, Shri. Gutte Principal



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Delegates of
National
Conference on
Climate
Change:
Problems and
Solutions

Anchoring of National Conference by Dr Rama Pande & Sukeshini Jogadand



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#### Water Literacy Workshop:

This workshop was held on 05-01-2019 Objectives

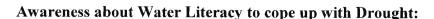
- To make know the students about the importance of Water literacy and to motivate for the participant in this movement.
- This workshop was organized with the association of Pani Foundation, Marathwada. In this workshop the resource persons were focused on the importance of Water literacy and techniques for water saving.



• The workshop conducted in two sessions and the resource persons were Santosh Shingare, Shivraj Bagal, Suvarnakar Balasaheb, Nagargoje and Adsule



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Rural camp for first year students was organized from 28<sup>th</sup> January to 1<sup>st</sup> February 2019 at Mauje Radi Tahshil Ambajogai Dist- Beed. Prof. Sukeshini Jogdand and Dr. Hanumant Salunkhe coordinated the camp. Team of PANI FOUNFATION gave their valuable guidance on water literacy and watershed management. Sameer Pathan, Sopan Poul from Manavlok guide on Gournd water management and water budget. Shri. Vitthal Nagargaje, BDO, Ambajogai

inaugurated this rural camp. Mr. Lalasaheb Agale Joint Secretary was present on this occasion.

The camp was inaugurated by unveiling a poster describing various water conservation measures. Inaugural Group Development Officer Shri. Vitthal Nagargoje, while explaining the importance of water conservation and describing the adverse effects of drought, mentioned the irregularity of rainfall, sometimes it rains and sometimes it doesn't. 80 percent of people depend on water. Everyone should do their share to get out



of this vicious cycle. Deforestation is rampant. Plant a plant but not nurture it. He expressed the opinion that it is necessary to nurture it.

Chief Guest Hon. Mr. Lalasaheb Agle, Manavlok is an organization that has been working on watershed development in this area since 1982. As told by Babuji, the man of the village should do this in the village; the water in the village should be done in the village. He expressed the opinion that instead of thinking about one year, we should think about the next five years and everyone should come together in the work of water conservation. After this Gramsevak Shri. Chandrakant Chavan said that the village was



named Radi because the village used to have a lot of water, so it used to be waist-deep in mud. But due to drought there is a shortage of drinking water in the village. He also informed that the action related to acquisition of bores and wells in Shiwar for drinking water are being done through Gram Panchayat.

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#### **Public Participation for Water Conservation:**

Lecture Water conservation is very important to overcome drought. Drought conditions are

created due to scarcity of water. Water is life; everything can be achieved only if there is water. Participation of villagers is equally important for water conservation and water conservation. In order to convince this importance, for the last three to four years, an organization called Paani Foundation has been implementing water conservation work in the state through public participation. The divisional coordinator of this organization Shri. Santosh Shingare Public **Participation** for Water Conservation. The lecture was held on 30.01.2019.



The program was presided over by the Principal of Zilla Parishad Madhyamik School Shri. Tanaji Deshmukh presided. In the presidential speech, he narrated the importance of water, the damage caused by the drought-like situation in the village, the flooding of students' schools to collect water and its adverse effect on academic standards, the disputes between people over water. Water scarcity can be overcome if water is used sparingly. He emphasized that the availability of rain can be increased if trees are planted on a large scale.

After this Mr. Santosh Shingare explained the nature of work of Paani Foundation to the people. Water is the need of all and everyone should forget the caste, religion and creed differences and work together. He also gave examples of how many villages have become self-sufficient in terms of water due to labor donations in the state so far. This work can be easily done if the participation of women and students is taken to a large extent. Replenishment of cisterns and rooftops at every household will help stop rainwater in the rainwater. If every student plants a tree at home and cultivates it, it will also help in maintaining the rainfall. The program was attended by Dattatraya Gangane, former president Farmers Association, Dhanraj Kolgire, Sambhaji Brigade. Introductory Speech by camp coordinator Dr. Hanumant Salunke did it while Swapnil Kamble moderated and Priyanka Kharade a student gave vote of thanks. A large number of campers, school students and villagers were present for this program.

#### Pathanataya for drought relief Jagara

Jagar water was taken for drought relief for the rural camp. According to this theme, a street play was organized to spread awareness in the village through the campers. Specific selection of the street drama, prepreparation, venue for performing the street drama was determined. Accordingly, Pathnataya was presented in the village on two days on 30.01.2019 and 31.01.2019.

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Sushma, Pratibha, Deepa, Shobha, Priyanka, Savitra, Yogeshwari, Ahilya, Archana, Razia, Ajaykumar, Kamini, Swapnil, Supriya, Rajaram, Meenakshi, Prashant, Atul, Pandurang etc. for Joga Pathnataya. Students participated.



Pathanatya Tanaji Malusare Chaik, Budh Vihar, Shivaji Chaik etc. on the theme of "Life of crisis water woman" and "Jagar water". Street plays were performed at strategic places. After the performance of the street drama, it received positive response from the public. If the duration of the camp was longer, we villagers would have definitely benefited from it. Asha also received some reactions.

#### Groundwater Management and Water Budgeting Guidance Workshop

On 31.01.2019, a program was organized by Manavlok Ambajogai innovation project team on the topic of Groundwater Management and Water Budgeting to sensitize the people of the village about water, how to manage ground water and properly guide people about water budgeting. The program was presided over by Gram Panchayat Upasarpanch Shri. Arun

Tatyarao Bansode was. Manavlok Navnirman project coordinator Sameer Pathan as the chief guide in his lecture informed the villagers about the project being done by Manavlok organization for water management. Recognizing that groundwater management is the need of the hour to overcome the drought situation, we are all urged to actively participate in the ongoing program in the village. After this Mr. Sopan Paul, Jalabhiyanta Manaylok Navnirman Project gave information on Maharashtra



Groundwater Management Act 2009. Detailed information on groundwater is given in the Groundwater Guidebook. Groundwater is the water on the surface and the water inside the ground. This water and that which falls every year should be collected. If the crops are planned from the available water, there will be no shortage of water. If the winter water budget is prepared, the problem of human, agricultural, industrial and animal water can be solved from the available water. He convinced its importance through water budgeting. After that, Mr. Kishore Ghode and Anant Kamble said that water works can only be possible with people's participation. People's participation is the only way to overcome drought, so maximum number of people should register their participation and solve the water crisis in the village. He appealed for people's participation for this. 81 citizens of the village attended the program.

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## Manavlok Social Work College, Ambajoga Dist- Beed.





# One Day National Seminar on Youth and Water Literacy

Date- 05/02/2019

MANAVLOK'S COLLEGE OF SOCIAL WORK, AMBAJOGAI

Address :

P. B. No. 23, Ring Road, Ambajogai, Dist. Beed 431517

Phone: 02446 247497, Fax: 02446 248888

Email: manavlok1999@ymail.com,

Web: www.manavlokcollegeofsocialwork.co.in,

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#### Introduction:

Manavlok Social Work College organized one day cadnational seminar on "Youth" and Water Literacy" in association with Manavlok Ambajogai and Yashda Pune, on 5<sup>th</sup> February 2019. Academicians, research scholars and social workers participated in seminar and submit their articles. The themes of the seminar were as follows:

#### **Main Theme**

Youth and Water Literacy.

#### Sub Themes -

- Transformation in villages through Jalyukta Shivar campaign.
- Indigenous water management practices.
- Role of NGO/Women/Youth in natural resource management.
- Agricultural crisis
- River rejuineuation and its impact.
- Water budget system in village.
- Movements for water.
- Water policy and legislation.

#### Organizer -

Mr. Aniket Lohiya, Secretary, Manavlok, Ambajogai.

Dr. Prakash Jadhav, Principal, Manavlok Social Work College, Ambajogai

#### Convener -

Dr. Arundhati Patil, Associate Professor, Manavlok Social Work College, Ambajogai.

Prof. Sumant Pande, YASHDA, Pune.

Inaugurator - Dr. Rajendrasingh Rana, Waterman of India.

#### Chief Guest -

Dr. Ashok Tejankar, Pro Voice Chancellor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Dr. Sudhir Deshmukh, Dean Swami Ranmanand Tirth Medical College and Rural Hospital, Ambajogai.

This national serminar was mainly organized for jalnayak, jalyodhha, jalsevak jaldoot and jalpremi working for war water conservation and sustainable development of the society. The 'One Day National Seminar on Youth and Water Literacy' was inagurated at 9.30 am. by Dr.Rajendrasingh Rana, Waterman of India. Social activist shared their experience and thoughts on Water related issues. The national seminar was concluded at 7.00 pm.

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#### Objectives -

- To understand the role of youths in water conservation.
- To find out the various kinds of solutions to avoid severe impact of drought.
- To share experienness and knowledge of jalyodhha's with participants and spread awareness about water management.
- To inspire youths for water conservation and get their active involvement in water related programs.

Social activist from various region of Maharashtra and other states were participated in this seminar.

#### Session - I

The first session was started by garlanding the images of national leaders and social workers. Water was poured in pot as token of respecting rivers. M.S.W students sung a awareness song. Also a street play was presented by a group of students on the theme of seminar. Dr. Prakash Jadhav welcomed all dignitaries.

Intoductory speech was given by Shri. Sumant Pande. He explained about the initiative taken by YASHDA for water conservation work. 'Jalsaksharata' is the platform opened by YASHDA, this is the India's first center to connect people on water issues. He also explained the need of water literacy in current situation. Those who have experience and interest of water conservation are selected in Jalsaksharata at state, district, tahshil and on local level. They will provide training and support.

#### Dr.Ranjendra Singh Rana (Waterman of India):

Dr. Rajendrasingh Rana in his valuable guidance said that the concept of development must be changed. He explained the causes of low rain fall and water scarcity in Maharashtra as well as in India. I have seen rivers change colours through the day, during my childhood. He said that, I would love for future generations to experience nature in such pristine conditions. People have forgotten the rivers of their childhood. Students have the power to change this scenario. Students shall invest an hour of their day on their health and an hour on water conservation. He is certain that farmers need to give up sugarcane farming, which gives them a single yield in a year, and instead look for multiple yields in a year. He has been trying to convince farmers to go for tur dal and soya bean. He also says the drought in Maharashtra is "man-made".

#### Session - II

In second session JalNayak and JalYodhhas shared their experiences and thoughs on youth and water literacy as follows-

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#### Mr. Pandurang Sabale (Jalnayak):

Mr. Pandurang Sabale is working in Deccan Education Society. He is geologist that has published more than 160 watersheds. He explained in his speech about soil conservation techniques and its importance in the growth of greenery. Mr. Pandurang Sabale discussed about number of scientific structures that are effective in watershed management.

#### Mr. Ramesh Bhise (Jalnayak):

Mr. Ramesh Bhise has worked on watershed management in more than 40 villages. He took initiative to built a watershed structure through people's participation.

#### Mrs. Sunita Raut (Yoga Teacher):

Mrs Sunita Raut being Yoga Teacher have thorough knowledge about cooperation as way of social, spiritual, psychological development of human beings. The very foundation of Yoga is cooperation in different elements. Thus to be succeed in the social development we all shall participate and cooperate the constructive work of watershed management.

#### Mr. Sudhir Deshmukh:

Water related disease are increasing day by day. Mr. Sudhir Deshmukh said that, human body required water for number of functions. Without water human being cannot survive more than 5 days. He said that, ensure the water is visibly clean and free from sand and silt. Filter the water to get rid of visible dirt, drink only clean and safe water – either portable water or water filtered through water purifiers, get water purifying devices like filters, RO unit, etc., regularly serviced and maintained, ensure stored water is germ-free. He also said that hand hygiene – regularly wash hands with soap after returning home, after using the toilet, before and after preparing food, before eating or drinking anything is very important. To make awareness among women is important to prevent water borne diseases.

#### Mrs. Rupali Thombre (Jalyodhha):

Mrs. Rupali Thombre is working as executive engineer in Jalsampada Department at Latur. She said that, people, and the communities in which they live, are also at the root of the solution. By involving people in all aspects of water, we empower them to make the necessary changes in both attitude and behaviour, to transform communities from water barren landscapes to hubs that thrive – all thanks to abundant, safe water. From water harvesting and drinking water, to water use efficiency and water quality testing – there is a vital role that people can play to take the power of water back into their own hands.

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#### Mr. Jayaji Paikrao (Jalyodhha):

Mr. Jyaji Paikrao took overview of fundamental rights in the Indian Constitution and said that, water has been harvested in diverse and distinctive traditional water structures. However, over a period, many of these valuable structures fell into disuse. As human beings have certain inalienable rights, river must be given right against pollution. Communities with higher rates of citizen participation in identifying their needs are much more likely to have citizen control of their community governing institutions, more diverse membership, greater adoption of the empowerment approach, and as a result higher levels of success in attracting the resources needed to implement plans to meet their needs. He explained his experience of Nadi Parikrama.

#### Session - III

In third session of this national seminar, experts in water management shared their thoughts as follows-

#### Mr. Sumant Pande:

Mr. Sumant Pande explained the correlation between drought and other natural calamities. He focused on the importance of water literacy. The government should seriously take the issue of awareness about water conservation. A few service minded activists were working for the cause in villages by whose efforts rain water harvesting methods were being implemented there, he said. Migration, loss of crop, impact on the education of children etc is the series of problems goes on increasing if people are neglected about their duty to save the water.

#### Mr. Shashikant Jagtap (JalYoddha):

The village of Mr. Shashikant Jagtap is located between the banks of Ghod river and Bhima river. So they never faced water scarcity problem. But extravagant use of water in farms has led number of severe issues. Land has become salty and now growing crops in it is impossible. He said that water literacy is necessary in all stratas of the society. Organic farming is very important to protect the health of society and environment as well.

#### Mr. Prakash Patil (JalYodhha):

Mr. Prakash Patil is from Sangli district. He took efforts to rejuvenate Tilganga River. He shared his experience of water conservation and public participation in the movement.

#### Mr. Narendra Choog (JalYodhha):

Mr. Narendra Choog rejuvenated Aaga.rani River. There are total 149 villages are located in river basin. This river flows 60 k.m in Maharashtra and 40 k.m in Karnataka. So he took initiative and get people's participation from both states. Total 07 structure he builts

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without taking government's aid in this work. He expressed gratefulness to Dr. Rajendrasingh Rana for his guidance in this work.

#### Mr. Parameshwar Poul (JalNayak):

Mr. Parameshwar Poul is hydrogeology expert. He said that, other than domestic purposes, groundwater is also majorly used for irrigation. The emergence of wells and borewells helps in providing protective irrigation. Increase in the irrigated area due to groundwater has helped in overcoming the rainfall limitations. In spite of having highest number of dams in the country and the network of canal systems, the rise of irrigation in Maharashtra is attributed to groundwater. Availability of easy extraction technology, access to electricity, finances, encouraging government policies etc have increased the area under irrigation. However as land rights are linked to water rights, this has encouraged privatisation of the resource. Unlike watershed, the understanding around 'aquifer' as a unit of groundwater as a resource, its shared nature is also missing. Privatisation and ownership over the resource thus leads to lack of understanding of the resource and its common pool nature.

#### Mr. Kishor Dhariya(JalNayak):

Gandhari, Arjuna, Jagbudi and Jajvi rivers are rejuvenated by Kishor Dhariya. He explained his thoughts on water management. He is continuously taking efforts to preserve Kokan and save it from water scarcity problems. To avoid migration in search of employment, he is trying to involve people into natural tourism.

#### Mr. Rahul Hivarekar ( JalYoddha):

Mr. Rahul is from Palghar district. He is fighting for the local people's right on water. As the reality is all dams which provides water to Mumbai are built in Palghar district but local people are struggling for drinking water. He shared his experiences of people's participation and movement he run for native people.

#### Mr. Rajesh Pandit(JalNayak):

Mr. Rajesh is working for the protection of Godavari River. He fought against district administration for preservation of Godavari River. He plead case in the court of law and received order for Godavari protection and appointed a team to protect river from pollution.

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#### Dr. Ashok Tejankar:

Dr. Ashok Tejankar is Pro. V.C of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. He is a geologist. He said that before digging wells farmers shall study the geological pattern of land. Marathwada region is made of Besalt and Majara rocks. The water is stored in the stomach of the earth since hundreds of years. We shall use underground water carefully. This demands bridging up the knowledge gap, building scientific understanding and education in and around the resource system, understanding the market linkages. This can be begun by understanding the motivations, rationalities behind those actions. This demands willingness and openness from all the stakeholders. Roof water harvesting is important to increase the ground water level.

#### Conclusion:

This one day national seminar on Youth and Water Literacy has tremendous importance. Social Activist who have worked a lot for water preservation and water management, shared their experiences. It inspires to students of social work. Thourogh and scientific knowledge sharing is the special outcome of this seminar. Social Workers, experts, academicians, researchers, activists, political leaders and students benefitted of this national seminar.

Dr. Rama Pande, While giving her valuable guidance on importance of water literacy





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Dr. Rajendra Singh, The waterman of India Rajasthan Sharing his thoughts





Dr. Kishor Dhariya, While sharing his experiences of river rejuvenation

MSW students performing street play on the theme of Water





Dr. Tejankar, Pro VC,
Dr. B.A.M. University,
Aurangabad
Geologist
While giving his valuable

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Delivering speech by Mr. Aniket Lohiya Secretary Manavlok Ambajogai

Delivering speech by Dr. Sumant Pande Director YASHADA Pune





Vote Of Thanks by Dr. Rama Pande

Reformed IOAC

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# MANAVLOK'S COLLEGE OF SOCIAL WORK, AMBAJOGAL Deed

### National Seminar on Youth and Water Literacy

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28	NIPATE VIJAY RUKSHARAJ	MOW.
29	PANDHARE KHANDU ABBA	Dapre
30	PAWAR SANJAY DHANSING	
31	RUPNAR SACHIN VITTHALRAO	SPANOS
32	SAKHARE MOHINI MADHUKAR	Sakharmm
33	SHAIKH TASLIM SHAIKH RAHIM	F. Den Wo
34	TARE SIMA APPARAO	Taxtore
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39	UBALE SUVARNA TUKARAM	Good

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### Marathwada Navnirman Lokayat (Manavlok) Manavlok College of Social Work,

Ring Road, Ambajogai, Dist. Beed Accredited by NAAC 'B' Grade

and





(Yashwantrao Chavan Academy of Development Administration, Pune) Organized

## One Day National Seminar

On YOUTH AND WATER LITERACY"

Respected Sir/Madam

5<sup>th</sup> February 2019

Manavlok's College of Social Work is organizing one day National Seminar on "Youth and Water Literacy" in association with Manavlok, Ambajogai and Yashda Pune, on dated 5th

So we request the Academicians, Research scholars, faculty and professional in social sciences, researcher and social workers to participate in the Seminar and submit their articles/papers in Marathi, Hindi and English on the mentioned themes and sub-themes as per

Guidelines for Paper: Paper should submit along with registration form with prescribed fees, apers should be typed in MS word, For English - times new roman font, font size 12, For Marathi and Hindi DVB-TT Surekh, Kruti Dev 010, font size 14, Full paper should not exceed than 3000 words. Selected paper will be published in soveineer with ISSN no. at the end of March 2019. Please send your article on email: manavlok1999@gmail.com on or before 15th March 2019.

### THEME OF THE SEMINAR

Main theme :- Youth and Water Literacy

Sub -Themes: 1. Transformation in villages through Jalayukta Shivar campaign.

Indigenous water management practices.

3. Role of NGO/Women/Youth in natural resource management. 4. Agricultural crisis

5. River rejuineuation and its impact

Water budget system in village,

7. Movements for water.

8. Water policy and legislation.

Registration Fees Organizer

Convener

Dr. Prakash Jadhav

Principal

Manavlok's college of Social Work

Mo. 7770015050

Dr. Arundhati Patil

Mo. 7770015000

Associate Professor Manaviok's college of Social Work

Mr. Aniket Lohiya

Secretary.

Manavlok, Ambajogai

**Prof. Sumant Pande** 

YASHDA, Pune

Address: Manavlok's College of Social Work, Ring Road, Ambajogai, Dist. Beed

Ph.: 02446-247497

Coordinator TOAC

Manavlok's College of Social Work Ambajogai Dist. Beed -431517

#### **Programme on Water Conservation:**

This programme was organized on dated 06-02-2019 in the college premises and the resource person was Shri Baburao Kendre from Nanded District. He was welcomed by Prof.



tried much to lessen the problem of water scarcity.

Thus he focused on importance of water conservation which is the need of the day.

Kisan Shingare. In his valuable guidance he told his life journey briefly and expressed his experiences of water conservation campaign. He said that women from his village had to bring water from four to five kilometers long distance from their house. He said that he



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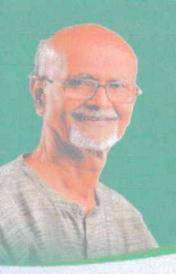
Title	Changes in water Issues and challenges	( or
Resource Person	Pradeep Purandane, Aurangabad	1000
Date	04/11/2020	
Coordinator	Mr. Lalasaheb Agale, Joint Secretary	
	Dr. Prakash Jadhav, Principal	

Under the webinar series which was started from 7/9/2020 in continuation of the series another webinar was conducted on date 4/11/2020 on the topic "Changes in water Issues and challenges" the resource person was well known water study expert from Aurangabad. Mr. Pradip Purandare

In his lecture Mr. Pradeep Purandare warned that the temperature in Maharashtra will be increased up to 1.5% in 2030, due to this the crop production will be decreased. He suggested that the act related to water and drought prone area should be implemented properly.

Mr. Lalasaheb Agale, Webinar co-coordinator made well-come and introductory speech, Dr. Prakash Jadhav, Principal, Mcss, Ambajogai, Irfan Sheikh, Bhagyawan Salunke, Bibhishen Ghadge, Shri Niranian Jogi, all teaching and non-teaching staff are co-operated for the success of the Webinar

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# मानवलोक समाजकार्य महाविद्यालय

अंबाजोगाई, जि. बीड



मानवलोक संस्थेचे संस्थापक आदरणीय डॉ. द्वारकादासजी लोहिया (बाबुजी) यांच्या स्मरणार्थ मानवलोक समाजकार्य महाविद्यालय, अंबाजोगाईच्या वतीने व्याख्यानमाला शृंखला आयोजित करण्यात येत आहे. यात आत्तापर्यंत विविध सामाजिक विषयांवर वेबिनारचे यशस्वी आयोजन करण्यात आले आहे आणि याचा पुढचा भाग घेऊन येत आहोत.

मराठवाड्याची ओळख दुष्काळी, पाण्याचे दुर्भिक्ष असणारा प्रदेश अशी होत आली आहे. यावर उपाययोजना करण्यासाठी शासन स्तरावरून अनेक उपक्रम, योजना राबविण्यात येत आहेत. मराठवाड्याच्या जल-विकासात मानवलोक सारख्या अशासकीय संस्था गेली अनेक दशके मुलभूत स्वरुपाचे योगदान करत आहेत. या सकारात्मक कामामुळे यशोगाथांच्या संख्येत वाढ होतानाही दिसत आहे. पण त्याचवेळी हवामान बदल,वाळवंटीकरण आणि शेतीतील अरिष्टामुळे सगळे संदर्भ बदलत आहेत. नवीन समस्या निर्माण होत आहेत. या पार्श्वभूमीवर जलविकासाच्या विविध पर्यायांचा लेखाजोखा घेणारा हा वेबिनार. जलक्षेत्रातील बदलांचा मागोवा घेत आव्हानांना सक्षमरित्या सामोरे जाण्यासाठी मराठवाड्यात काय करता येईल या बद्दल थोडेफार किंवा बरेच काही सांगणारा.....

ः प्रमुख मार्गदर्शक ।

# मा. प्रदीप पुरंदरे

(जेष्ठ जल अभ्यासक, औरंगाबाद)

## विषय : जल क्षेत्रातील बदल आणि आव्हाने

दिनांक: ४ नोव्हेंबर २०२०

बधवार

वेळ: सकाळी ११.०० वा.

थेट प्रसारण स्थळ :

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डॉ. प्रकाश जाधव 🕽 📉 आ. लालासाहेब आगळे

श्री. अनिकेत लोहिया

ानवलोक, अंबाजोगार्ड

Coordinator IQAसमन्वयक तथा सह कार्यवाह अविभागि College of Social Workनवलोक, अंबाजोगाई Ambajogai Dist. Beed -431517





Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad State Level Webinar

**Maharashtra** 

क्षेत्रातील बदल आणि 5

E-Certificate of Participation

This certificate is proudly presented to

Mr./Mrs./Dr./Prof.--

in State Level Webinar on 4th November 2020 organized by Manavlok's College of

-for participating

Social Work, Ambajogai.

Dr. Prakash Jadhav

Principal

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Manavioks College of Social Work Ambajogal Dist. Bead 431517 prixcipal

> Manavlok's College of Social Work afforme Ambajogai Dist. Beed -431517 Coordinator 10AC

### Activity- Simple science of understanding and use of Ground water.

Title	Simple science of understanding and use of Ground water.
Resource Person	Dr. Shrinivas Wadagbalkar Geologist and environment Expert Solapur
Date	16/10/2021
Coordinator	Dr. Hanumant Salunke

On 16<sup>th</sup> October 2021, Manavlok's College of Social Work Ambajogai organized a webinar on the topic of Simple science of understanding and use of Ground water. Dr. Shrinivas Wadagbalkar a Geologist and environment Expert from Solapur was a resource person of this webinar. Water scarcity is become worst problem in Marathwada region. Dr. Shrinivas Wadakbalkar said that there is need to create awareness about control on the use of underground water. Government must put steps to make such law and NGOs shall create awareness about water literacy.

Monsoon rains have been prolonged and Maharashtra has become windy, read the news in the newspaper. I have been farming since 1949. I look forward to the arrival of the monsoon rains every year. In the twenty-three years between 1949 and 1972, the monsoon rains were even heavier than today; But at that time, Maharashtra was not as much as it is today. The main reason for this is that till 1972 the underground water reserves were rich. During that time our wells had plenty of water. This water did not decrease even during drought. Hence, the drought till 1972 was tolerable and our drought region survived. After this, the number and depth of wells started increasing. The number and depth of borewells have also increased immensely and are still increasing. This literally depleted the underground water resources. After 1972, the water in all these wells began to decrease gradually. By 2000, many wells bottomed out and today most of the wells have gone dry. There is as little water in the wells as you can count on your fingers. Due to this, the severity of frequent droughts in Maharashtra is increasing. A new way of supplying water by tankers for drinking water and removing fodder camps to sustain animals was started.

Shrinivas sir explained the different methods of ground water and the structure done accordingly and he first method of ground water study is study of ground water by geo stratification or landform method. In this way, rivers, streams, streams, streams, mountains, hills, lowlands, slopes of land, rocks and their structure seen in rivers or mountains, soil on the ground, soil depth, trees, bushes, grasses, plants growing on the ground, cracks in the

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Manavlok's College of Social Work
Ambajogai Dist. Beed -431517

ground and Information is collected by observing all the weather elements. All these elements have an internal relationship and are related to each other. This survey is called Integrated Water Management.

The Chikodihala catchment area in Chikodi block of Karnataka state was studied through topographical method to explore integrated use/management options of ground water and surface water. The type of catchment area, its gradient and how much flow is likely to occur in that area were numerically arranged. The slope of the entire catchment area is very low and its outline leads to flat land. Therefore, there are complementary conditions for water to evaporate, and the texture of the soil and the underlying geological structure are important. Based on rainfall, flat land and soil depth, texture, the water that can be stored on the ground and the water that can be stored under the ground is estimated and it is used by the farmers in that area.

Another method is the study of geological formations and their structures. If the availability of groundwater is to be estimated based on the background of timely rainfall, but changed cropping patterns, the study of geological structure and its characteristics is necessary. Agriculture is practiced in this region. Between 2009 and 15, the ground water level here went down. During this period, the irrigated area has increased, and the growth of this irrigation is based on ground water. After studying the geological strata in an area of about 200 square km, it was found that the thickness and quantity of loamy soil layer is high in this area, the water flow in the ground is at a certain speed and thus the recharge speed is less as compared to Upasha. Hence over time the availability of water in the wells decreased. A joint study of these subsurface observations and land fluctuations helped determine how and by what measures groundwater recharge could be achieved.

Dr. Shrinivas Wadagbalkar sir guided all the water preservers, water researchers and students present in a very simple and easy way in the above manner and said that water is life in the coming times and use it sparingly. The program was assisted by Mr. Ravi Khatavkar while the coordinator of the program was Dr. Hanumant Salunke.

College of Social Work

Coordinator TQAC Manavlok's College of Social Work Ambajogal Dist. Beed -431517

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# मानवलोक समाजकार्य महाविद्यालय

अंबाजोगार्ड जि. बीड



# डॉ. द्वारकादासजी लोहिया (बाबुजी) रमृती व्याख्यानमाला

मानवलोक ग्रामीण विकासाच्या उपक्रमात १९८२ पासून पाणलोट, शेती, आरोग्य, शिक्षण, वृध्द, महिला इ. घटकांच्या विकासासाठी सातत्याने प्रयत्नशील आहे. संस्थेचे संस्थापक सचिव डॉ.द्वारकादासजी लोहिया (बाबुजी) यांच्या स्मृती प्रित्यर्थ दि.०७.०९.२०२१ (जयंती) ते २३.११.२०२१ (पुण्यतिथी) या कालावधीत विविध सामाजिक प्रश्नावर सुरु असलेल्या अनेक नव्या प्रयोगांची माहिती देण्याकरिता व्याख्यानमालेचे आयोजन केले आहे.

पाणी हा खोल विषय आहे. जितका भूपृष्टावरील पाणीसाठा महत्वाचा त्याह्न अधिक भूजल संचय महत्वाचे. बाबूजींच्या मार्गदर्शनात मानवलोक गेली ४० वर्ष मृद व जलसंधारणाचे काम करताना भूगर्भाचा पाणीसाठा वाढवण्यासाठी आग्रही राहिली आहे. भूगर्भातील पाण्याचे अंतरंग, साठवण, नियोजन व व्यवस्थापन विषयी माहिती आणि त्याचा योग्यप्रकारे विनियोग कमी केल्यामुळे निर्माण झालेले प्रश्न व त्यावरील उपाय योजना इत्यादी बद्दल सविस्तर चर्चा करण्यासाठी वेबिनारचे आयोजन करण्यात आलेले आहे.

### : प्रमुख मार्गदर्शक :-

### मा श्रीनिवास वडगबाळकर

जेष्ठ भूजलतज्ञ तथा पर्यावरण अभ्यासक, सोलापूर

विषय: भूगर्भातील पाण्याचे साधे सोपे विज्ञान

दिनांक: १६ आक्टोबर २०२१

शनिवार

वेळ: सकाळी ११.०० वा.

थेट प्रसारण स्थल :

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-: विनित :-

डॉ. प्रकाश जाधव

श्री.अनिकेत लोहिया

कार्यवाह मानवलोक, अंबाजोगाई

रवि खटावकर

सह समन्वयक

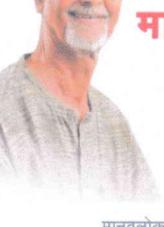
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Manaylok's College of Social Work Ambajogai Dist. Beed -431517

मानवलोक समाजकार्य महाविद्यालय, अंबाजोगाई







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### मानवलोक समाज विज्ञान महाविद्यालय अंबाजोगाई

मानवलोक समाज विज्ञान महाविद्यालय अंबाजोगाई यांच्या मार्फत सुरु असलेल्या डॉ. द्वारकादासजी लेहिया (बाबुजी) यांच्या स्मृती व्याख्यानमालेचे पर्व दुसरे आणि सहाव्या सत्रात दि. १६ ऑक्टॉबर २०२१ रोजी जेष्ठ भूजल आणि पर्यावरण तज्ञ डॉ.श्रीनिवास वडगबाळकर यांचे ऑनलाईन व्याख्यान पार पडले.

मार्गदर्शक : डॉ.प्रकाश जाधव (प्राचार्य)

अनिकेत लोहिया (कार्यवाह मानवलोक अंबाजोगाई)

समन्वयक : डॉ.हनुमंत साळुंके

सहसमन्वयक : रवीकुमार खटावकर

विषय : भूगर्भातील पाण्याचे साधे सोपे विज्ञान

परिचय : डॉ. श्रीनिवास वडगबाळकर दयानंद कला व शास्त्र महाविद्यालय सोलापूर चे माजी प्राचार्य व भूशास्त्र विभाग प्रमुख तसेच भूजल तज्ञ व पर्यावरण तज्ञ. भूगर्भातील पाण्याचे अंतरंग साठवण, नियोजन व व्यवस्थापन, पावर त्यांचे संशोधनाचे काम अविरत चालू आहे. जलसंवर्धन, पर्यावरण, जल प्रदूषण संबंधीत विविध प्रकल्पा तून सहभागी होऊन शास्त्रीय दृष्टिकनातून लोकांना उत्स्फूर्तपणे जान करून देण्याकडे त्यांचा कल असतो. त्यांनी अनेकाविध संशोधन प्रकल्प केलेले असून 2004 मध्ये राष्ट्रीय स्तरावरीस पात्र असे कृप नलिका भूजल सवर्धन साठी में model तयार केलेले आहे.

### व्याख्यानातील मुद्दे :

- भूजलाचा इतिहास
- भारताची भूगर्भरचना आणि त्याचा हवामानावर होणारा परिणाम
- महाराष्ट्रातील विभागानुसार असलेली खडकांची रचना आणि त्यानुसार त्या ठिकाणी करण्यात
   येणाऱ्या उपाययोजना आणि त्यातील बदल
- भूजलाचे प्रदूषण आणि त्यावरील उपाय

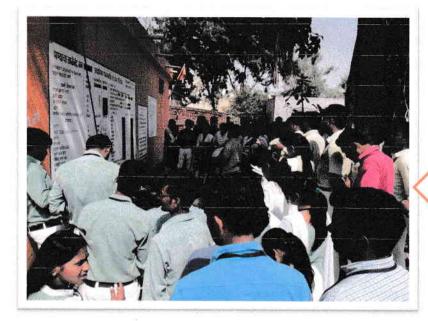
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• पर्यावरण अनुकूल शाश्वत विकास आणि व्यवस्थापन

Coordinator IQAC
Manavlok's College of Social Work

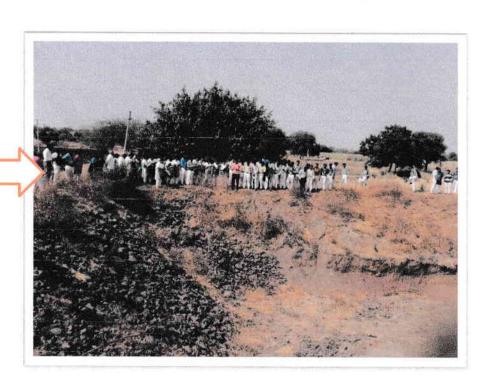
Ambajogai Dist. Beed -431517





Field Visit at
Palsakhed
tq.Kaij Dist Beed
understanding
water Budgeting

Field Visit to Holana River



Coordinator TQAC
Manavlok's College of Social Work
Ambajogal Dist. Beed -431517







#### Online Class

Hanumant Salunke is inviting you to a scheduled Zoom meeting.

**Topic: Watershed Treatment** 

Time: Jul 15, 2022 11:00 AM India

Join Zoom Meeting

https://us04web.zoom.us/j/73372806277?pwd= xvaOa3KAR3TwsWf0c

SM3EC5BVEaLT.1

Meeting ID: 733 7280 6277

Passcode: SeLP1f

Hanumant Salunke is inviting you to a scheduled Zoom meeting.

Topic: Rain Water Harvesting

Time: Jul 16, 2022 11:00 AM India

Join Zoom Meeting

https://us04web.zoom.us/j/72176268208?pwd=yfdm7KI-

HrUnCGoQRKxGYIIDhvd95k.1

Meeting ID: 721 7626 8208

Passcode: U4vJAr

Gust Lecture: Mr. Sameer Pathan, Engineer, Manavlok Ambajogai

Coordinator IQAC Manavlok's College of Social Work Ambajogal Dist. Baed -431517