

## Amrutvahini College of Engineering, Sangamner

### A report on

#### “Unnat Maharashtra Abhiyan (UMA) and Unnat Bharat Abhiyan (UBA)”

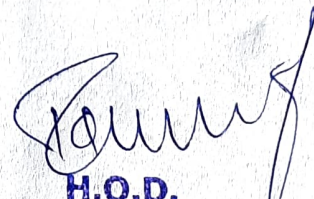
Unnat Maharashtra Abhiyan (UMA) is a project of the Chief Minister's Office, Govt. Of Maharashtra and the Ministry of Higher and Technical Education. Its vision is to build an independent and public knowledge infrastructure for the state of Maharashtra which will bring socio-economic and cultural development for its people, especially those in the bottom 80% of the socio-economic strata. The Amrutvahini College of Engineering is empanelled institute under this flagship program selected by the CTARA (Centre for Technological Alternatives for Rural Area) IIT Mumbai team.

#### Activities for third party assessment mentioned as below,

- a) Third Party Assessment of Avankhed, Nal-Pani Puravatha Yojana, Dindori, Nashik –RWSS (Rural Water Supply Scheme):  
Scheme Capacity: 0.076MLD (Million Liter per day)  
Financed by: VWSC (Village Water Sanitation Committee)/ Zilla Parishad/ MJP.
- b) Third Party Assessment of Nagade Nal-Pani Puravatha Yojana, Nagade, Yeola, Nashik – RWSS.  
Scheme Capacity: 0.206MLD (Million Liter per day)  
Financed by: Gram Panchayat/ Zilla Parishad.
- c) Rejuvenation of Jam River Water Shed at Sinner, Nashik:  
It consists of 23 numbers of villages which are primarily rain-fed covering an area of about 26,000 hectors. Our six students and three staff members from the institutes carried out the field data collection of 3 villages (Dodi Bk, Marhal, & Mitsagare at Sinner, Nashik District) in collaboration with IIT Bombay (UMA Team) and Yuvamitra (NGO) team for two weak. Submitted the report of water balance and crop pattern to UMA CTARA team.
- d) Third Party Assessment of Karhe Village under JSA (Jalyukta Shivaar Abhiyaan)
- e) Third Party Assessment of Saykhindi Village under JSA (Jalyukta Shivaar Abhiyaan)

In addition to this our institute is organized field work follow-up workshop on “Improving the Performance of Rural Water Supply and Sanitation Sector in Maharashtra”, during 15-16 January 2018 in collaboration with UNICEF, CTARA, IRAP.

The UMA CTARA team has appreciated our effort for social work. As a result of this, our college will be able to bid for paid assessment for Rural Water supply scheme under the control of district administration.



H.O.D.

Department of Mechanical Engineering  
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Sangamner-422 608



## Case Study:

### महाराष्ट्र शासन

दूरध्वनी क्र. : २२७९३१०१  
Email: jalseven.wc@gmail.com  
suresh.naik@nic.in

क्रमांक: जशिअ-२०१७/प्र.क्र.५८१/जल-७  
मृद व जलसंचारण विभाग,  
हुतात्मा राजगुरु चौक, मादाम कामा मार्ग,  
मंत्रालय, मुंबई-४०००३२.  
दिनांक : ०६ मार्च, २०१९ .

प्रति,  
सर्व जिल्हाधिकारी.

विषय: जलयुक्त शिवार अभियानांतर्गत करण्यात आलेल्या कामांच्या मुल्यमापनासाठी  
अभियांत्रिकी महाविद्यालयांचा "त्रयस्थ संस्था" म्हणून समावेश करण्याबाबत.  
संदर्भ: नियोजन विभाग, शासन निर्णय क्र. डिएपी-२०१६/प्र.क्र. ८३/का.१४८१, दिनांक २५  
सप्टेंबर, २०१८.

महोदय,

जिल्हा वार्षिक योजना (सर्वसाधारण) अंतर्गत "मुल्यमापन, डाटा एन्ट्री व सॅनियंत्रण करिता" उच्च व तंत्र शिक्षण विभागाने दिनांक १३ जानेवारी, २०१६ च्या शासन निर्णयान्वये उन्नत महाराष्ट्र अभियानांतर्गत निवड केलेल्या १७ संस्थांना नियोजन विभागाने संदर्भाधीन शासन निर्णयान्वये मान्यता देण्यात आलेली आहे. त्यास अनुरूप उन्नत महाराष्ट्र अभियानाच्या सहकार्याने आयोजित कार्यशाळेमध्ये सहभागी होणा-या अभियांत्रिकी महाविद्यालयांपैकी कार्यशाळेमध्ये उत्तम कामगिरी करणा-या सोबत जोडलेल्या यादीतील ०८ अभियांत्रिकी महाविद्यालयांचा "त्रयस्थ संस्था" म्हणून जलयुक्त शिवार अभियानांतर्गत राज्यभर करण्यात आलेल्या कामांचे मुल्यमापन (Third party evaluation) करण्याबाबत योग्य ती कार्यवाही करण्यात यावी. (यादी संलग्न.)

हे पत्र नियोजन विभागाच्या अनौपचारिक संदर्भ क्र. १६७/१४३४/का.१४१७, दिनांक ४/१/२०१९ अन्वये प्राप्त सहमतीनुसार निर्गमित करण्यात येत आहे.

सोबत-वरीलप्रमाणे.

आपला,  
(सु.द.नाईक)

अवर सचिव, महाराष्ट्र शासन

प्रत,

१. प्रा. मिलिंद सोहणी, भारतीय प्रौद्योगिक संस्थान, मुंबई
२. अवर सचिव, नियोजन विभाग, मंत्रालय, मुंबई.
३. सर्व जिल्हा अभिक्षक कृषि अधिकारी.

### उन्नत महाराष्ट्र अभियानाच्या सहकार्याने आयोजित कार्यशाळेमध्ये उत्तम कामगिरी करणा-या ०८ अभियांत्रिकी महाविद्यालयांची यादी.

अ.क्र.	महाविद्यालयाचे नाव
१.	Gharda Institute of Technology, Ratnagiri.
२.	Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati.
३.	Department of Technology, Shivaji University, Kolhapur.
४.	Government Polytechnic, Amravati.
५.	Sardar Patel College of Engineering, Andheri.Mumbai
६.	Amrutvahini College of Engineering, Sangamner.Dist ahemednagar
७.	Tatyasaheb Kore Institute of Engineering & Technology, Warananagar, Dist. Kolhapur.
८.	SSVPS Bapusaheb Shivajirao Deore College of Engineering, Dhule.



## Student participation in Unnat Maharashtra Abhiyan (UMA) activities:





# Amrutvahini College of Engineering, Sangamner

## A report on

### "Jalyukta Shivaar Abhiyan"

Maharashtra government has launched the project "Jalyukt Shivar Abhiyaan" in a bid to make Maharashtra a drought-free state by 2019. The project involves deepening and widening of streams, construction of cement and earthen stop dams, work on nullahs and digging of farm ponds. Under this abhiyaan, our department has carried out two projects for third part preliminary assessment of Karhe and Saykhindi Village of Sangamner tehsil of Ahmednagar district.

#### *Village assessment report of Karhe (Sangamner, Ahmednagar, Maharashtra)*

Karhe is surrounded by Sinnar taluka towards North, Akole taluka towards West, Rahata taluka towards East, and Sangamner city toward South. It is surrounded by hillock on two sides (West and South). Karhe is a village having its geographical area about 1527 ha with population about 1560. Longitude of village is 74.168615 E & Latitude is 19.676327N.

The average area under kharif crop and rubi crop is 672ha and 192ha respectively. Fruit crop area and vegetable crop area is 5ha and 214ha respectively and therefore the total crop area is 1083ha. Major Kharif crop is Soyabin and major Rabi crop is Jawar. The average annual rainfall of this area is 450 mm. This area highly drought prone and majorly faces the problem of water scarcity after mid-January. After the initiation of Govt. of Maharashtra the Jalyukta Shivaar Abhiyaan was started in the year 2015-16 to make the villages of state drought free till the year 2019.

#### **Objectives :**

- To inspect the JSA completed projects of Karhe Village and collect preliminary information.
- To measure the beneficiary effect of JSA completed work
- To study the crop culture / pattern of this village and evaluate the socio-economic development of village after JSA projects

#### **Statistical Information of JSA Completed work from 01/01/2015 to 08/01/2015**

S. No.	Type of work	Supported and funded by	Completed Quantity	Total Expenditure (Rs.)
1	Compartment Banding	DPDC Planning Department Ahmednagar	531.70 ha	3459817.00
2	Cement gutter line mud removed	Mahatma Jyotiba Phule Jal Bhumi Sandharan Abhiyan	3104 Cubic Meter	69815.00
3	Percolation tank mud removed	Local support	6180 Cubic Meter	179220.00
4	Gambian Bandhara	Local support	3 number	37500.00
5	Natural Bandhara	Local support	24 number	
6	On farm Irrigation projects	On farm Management World Bank, Ministry of Agriculture Irrigation (India)	2.35 ha	76957.00
7	Small Earthen bund	DPDC Planning Department Ahmednagar	45 numbers	598000.00
8	Farm pond	NABARD	04 number	-----
<b>Total</b>				<b>4421309.00</b>

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## Student participation in Jalyukta Shivaar Abhiyan:



महाराष्ट्र शासन कृषि विभाग  
**कृषि सहायकाचे नाव - डी. एन. पोखरकर**  
मोबा - ९९२२१९१२६७  
गाव - कऱ्हे, ता.संगमनेर, उपविभाग - संगमनेर, जि. अ.नगर  
स्थळ- ग्रामपंचायत कार्यालय **भेटीचा वार - गुरुवार** वेळ- ९ ते १२  
टीप-वरील भेटीच्या दिवशी संबंधित कर्मचारी उपस्थित नसल्यास कृपया खालील नंबरवर संपर्क साधावा.  
• श्री.एस. के. गवारे, कृषि पर्यवेक्षक, मोबा. ७५८८६०६७६०  
• श्री. बी. जी. कुटे, मंडळ कृषि अधिकारी मोबा. ९८२२१२५०५५  
• श्री. एस. के. शिरसाठ, तालुका कृषि अधिकारी फोन. ०२४२५/२२५८०४  
• श्री. पी. डी. लोणारे, उपविभागीय कृषि अधिकारी फोन. ०२४२५/२२५४८७

