

### 7.1.4

Sr.No.	Water conservation facilities available in the Institution:	YES OR NO	
		YES	NO
1	<b>Rain water harvesting</b>	YES	√
2	<b>Borewell/Open well recharge</b>	NO	×
3	<b>Construction of tanks and bunds</b>	NO	×
4	<b>Waste water recycling</b>	YES	√
5	<b>Maintenance of water bodies and distribution system in the campus</b>	YES	√
6	<b>Rain water harvesting</b>	YES	√



SINHGAD INSTITUTES - SMT KASHIBAI NAVALE COLLEGE OF ENGINEERING, VADGAON BK.  
CAMPUS, PUNE

7.1.4



Law College, Sinhgad Institute, Vadgaon Budruk, Pune,  
Maharashtra 411043, India

Latitude

18.464155°

Longitude

73.839105°

Local 12:02:11 PM

GMT 06:32:11 AM

Altitude 734.4 meters

Saturday, 17-07-2021



8

SINHGAD INSTITUTES - SMT KASHIBAI NAVALE COLLEGE OF ENGINEERING, VADGAON BK.  
CAMPUS, PUNE

7.1.4



Law College, Sinhgad Institute, Vadgaon Budruk, Pune,  
Maharashtra 411043, India

Latitude

18.46425°

Longitude

73.83854666666666°

Local 09:03:26 AM

GMT 03:33:26 AM

Altitude 639 meters

Friday, 16-07-2021





**Sinhgad Institutes**

Smt. Kashibai Navale College of Engineering, Pune-41  
National Service Scheme (NSS) 2019-2020

## **RAINWATER HARVESTING ACTIVITY**

Rainwater harvesting is the accumulation and storage of rainwater for reuse on-sites, rather than allowing it to run off. It can be collected from rivers or roofs and in many places, the water is redirected to a deep pit or a reservoir with a percolation.

With this thought NSS unit of Smt. Kashibai Navale college of Engineering, Pune took an initiative and implemented idea of rainwater harvesting in STES (Sinhgad technical education society) campus near Shivneri boys hostel. All the permissions needed for the activity were done by volunteers. On 21<sup>st</sup> September there was inauguration ceremony and vice-principal of SKNCOE Dr. K. R. Borole was the chief guest along with NSS program officer Mr. S. P. Pingat and other staff as well.

From 22<sup>nd</sup> September (day 2) the work started with full of enthusiasm. There were three slots of two hours each in all and the volunteers were divided in different slots from 9 am to 4pm. Dimensions of a dig was 14 feet in length, 7 feet width and 7 feet depth. All the equipment's were provided.





### Volunteers doing Rainwater Harvesting Activity

This hard work based activity was more a plumbing job than a technical job, as all the outlets from the building, mess, terrace are connected through a pipe to an underground tank that stores water. The activity ended successfully on 23<sup>rd</sup> September (day 3) 35 volunteers were present on day 2 and 42 volunteers on day3. The fund needed for activity was given from STES. Estimated cost was Rs. 52,300/-. The chief guest appreciated NSS unit for their effective involvement. In this way under the guidance of NSS SKNCOE program officer Prof. S. P. Pingat Sir NSS SKNCOE achieved the motto 'NOT ME BUT YOU'. This harvested water can also be used as drinking water, long term storage and for the purpose such as groundwater recharge. Rainwater

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harvesting is one of the simplest and oldest methods of self-supply of water for household usually financed by the user. Thus, the rainwater harvesting activity was great success and inspired others to serve the humanity.



**Principal Sir, Prof. Pingat Sir and Prof. Ranware Sir doing Bhumi Pujan at the Rainwater Harvesting Site along with NSS Volunteers**



**Sinhgad Institutes**

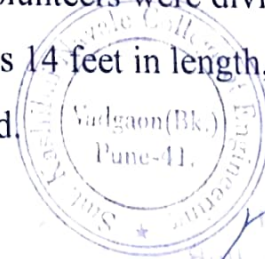
Smt. Kashibai Navale College of Engineering, Pune-41  
National Service Scheme (NSS) 2019-2020

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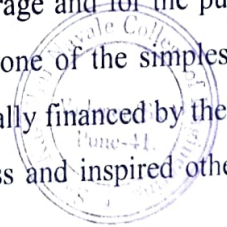
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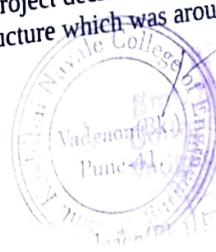
  
1/11/22

## श्रमदान



The most important activity which was expected of us as NSS volunteers was "Shramdaan". We decided that it was most efficient to conduct in the wee hours of the day when we would be no hindrance and our efficiency would be at its best when it was one of the first activities of the day. So accordingly every morning was allotted for some sort of physical work which would in turn be useful to the village and also be a new experience for the students of the unit in terms of motor skills and endurance.

Thus we decided on three major activities for this purpose. The first was to build a "Bandhara", a small Dam structure over a nearby stream to stop the water flow to some extent so that it may help to raise the water table in the area. This was also done with this years NSS Resolution concerning water conservation. As this was the primary project decided, a majority of our time there was allocated to this work. We managed to build a structure which was around 2ft high, 2ft wide and 55 ft in length from bank to bank.



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