



M S ENGINEERING COLLEGE BANGALORE

(An ISO 9001:2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belgaum and approved by AICTE, New Delhi)
NAVARATHNA AGRAHARA, SADAHALLI POST, BANGALORE- 562 110, Tel: 080-3252 9939, 3252 957

Section: 7.1.4 Water conservation facilities available in the Institution:

Our Institute provides the facilities:

Rain water harvesting	<input type="checkbox"/>
1. Borewell /Open well recharge	<input type="checkbox"/>
2. Construction of tanks	<input type="checkbox"/>
3. Waste water recycling	<input type="checkbox"/>
4. Maintenance of water bodies and distribution system in the Campus	<input type="checkbox"/>

Rainwater Harvesting

Technique of water conservation has been given importance in the form of rainwater harvesting in the campus. Rainwater harvesting or the collection of rainwater in a proper way, can be a permanent solution to the problem of water crisis in different parts of the country which M S Engineering College promotes and set example for the students and staff members for positive infrastructure development. This simple method can put forward a solution which will be workable in areas where there is sufficient rain but the groundwater supply is not sufficient on the one hand and on the other surface water resource is insufficient. A bad monsoon means low crop yield and shortage of food. Even animals suffer from scarcity of water. Indian subcontinent face acute water crisis during the summer months. The farmers are the most affected because they do not get sufficient water for their fields. Rainwater harvesting therefore is an ideal solution for utilizing conserved water for providing water for gardening purpose inside the campus.



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Snapshots of tank Harvesting system inside campus





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Rain Water Harvesting Photos



Borewell in the campus

There are 3 Nos bore wells. All three bore wells are well maintained. It gives a yield of approximately 1.5 Lakh litres. These bore wells are supplying water to all bath rooms and common areas including Hostels at MSEC Campus. There are two numbers of underground sumps of capacities 30000 litres and 1 Lakh litres for rain water harvesting. The water harvested from rains and bore wells are used for gardening. The RO's are used for drinking at college campus including Hostels and canteen. AMC of RO's are done by M/s Aqua Pro vide work on regular basis.



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MSEC Workshop, MSEC Rd, Navarathna Agrahara, Karnataka
562157, India

Latitude 13.20233646° Longitude 77.62254894°
Local 12:11:11 PM Altitude 846.32 meters
GMT 06:41:11 AM Wednesday, 23-06-2021



Mechanical Block, MSEC Rd, Navarathna Agrahara, Karnataka
562157, India

Latitude 13.2028053° Longitude 77.62186994°
Local 12:42:06 PM Altitude 837.99 meters
GMT 07:12:06 AM Wednesday, 23-06-2021



MSEC Workshop, MSEC Rd, Navarathna Agrahara, Karnataka
562157, India

Latitude 13.20231226° Longitude 77.62217736°
Local 12:08:59 PM Altitude 864.96 meters
GMT 06:38:59 AM Wednesday, 23-06-2021



Bhovipalya, Karnataka 562157, India

Latitude 13.2027476° Longitude 77.62317861°
Local 12:15:16 PM Altitude 835.57 meters
GMT 06:45:16 AM Wednesday, 23-06-2021



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Construction of tanks

The importance of rainwater harvesting lies in the fact that it can be stored for future use. Just as it can be used directly so also the stored water can be utilized to revitalize the ground water and improve its quality. This also helps to raise the level of ground water which then can be easily accessible. When fed into the ground level wells and tube well are prevented from drying up. This increases soil fertility. Harvesting rainwater checks surface run off of water and reduces soil erosion.



Bhovipalya, Karnataka 562157, India

Latitude

13.20238663°

Local 12:19:05 PM
GMT 06:49:05 AM

Longitude

77.62278188°

Altitude 829.77 meters
Wednesday, 23-06-2021


PRINCIPAL
Principal
M.S. Engineering College
Navarathna Agrahara, Sadahalli Post,
Bangalore-562 110

