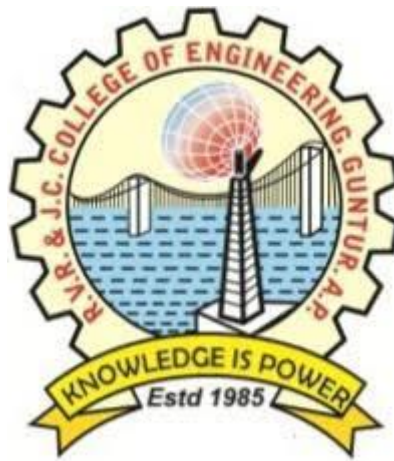


7.1.4 WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION

LINK FOR ADDITIONAL INFORMATION



R.V.R & J.C College of Engineering (Autonomous)

Accredited by NBA and NAAC with 'A' Grade

Affiliated to Acharya Nagarjuna University, Guntur, Approved by AICTE

Chandramoulipuram, Chowdavaram, GUNTUR-522019, A.P.

7.1.4 Water conservation facilities available in the Institution:

- 1. Rain water harvesting**
- 2. Bore well /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

RESPONSE:

As R.V.R. & J.C. College of Engineering is located in rural area, there is no Municipal Water supply for the college. The college depends on ground water for all its water needs. Hence, efficient usage of available water and adaptation of water conservation measures are essential. The daily requirement of water in the campus is around 200000 liters.

The following measures are taken for the conservation of water:

1. RAIN WATER HARVESTING

Run off generated in the campus is collected using a Check dam constructed in the campus on a natural drain passing through the campus. The Check dam is constructed at a cost of Rs.4,25,000. It is estimated that the pondage developed by the dam can store 10000000 litres of water. The stored water percolates into the ground to recharge ground water.

The rain water coming from roof tops and that flowing within the campus are collected in ten numbers of percolation pits of 3m x 3m size each, constructed at all feasible points in the campus recharge ground water.

2. OPEN WELL RECHARGE

An open well located in the campus is recharged by rain water. The well also receives water from the pondage of check dam through pumping.

3. CONSTRUCTION OF CONTOUR TRENCH

A contour bund of size 240 m x 1m x 1m is also created along one boundary of the college for the percolation of rain water.

4. USAGE OF WASTE WATER

Wastewater discharged as effluent from septic tank and canteen wastewater are used for gardening, watering of trees etc.

5. MAINTENANCE OF WATER DISTRIBUTION SYSTEMS IN THE CAMPUS

The ground water is pumped into storage tanks located at different places in the campus. There are nine numbers of over head storage tanks and one Elevated Service Reservoir in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes.

Entire distribution system is well supervised by Civil works committee to ensure that there are no leakages and wastages of precious water through joints, valves etc. Waste usage of water is reduced using low pressure flushes. All the stakeholders of the college are well educated to use water economically and efficiently.

R.V.R. & J.C. COLLEGE OF ENGINEERING

NAAC 'A' grade

(AUTONOMOUS)

Approved by AICTE :: Affiliated to Acharya Nagarjuna University :: Accredited by NBA
(Sponsored by Nagarjuna Education Society), Chandramoulipuram, Chowdavaram, GUNTUR-522 019 (A.P.)

President :

Dr. K. BASAVAPUNNAIAH, M.B.B.S.

Vice-Presidents :

Y.T. RAJA, B.E.

Dr. A. LAKSHMAIAH, F.R.C.S.

Treasurer :

Dr. M. GOPALKRISHNA, M.S.

Secretary & Correspondent :

R. GOPALA KRISHNA

Date.....

DT: 10-09-2016

NOTICE

As a part of implementation of the **Swachh Bharat Abhiyaan - Swachhta Pakhwada**, all the students and staff members both teaching and non-teaching are required to undertake a "**Swachh Bharat Pledge**" in the College Campus on **15-09-2016, Thursday**, to observe "Swachh Bharat Day" and to achieve the objectives of Swachh Bharat Mission, as suggested by the AICTE and Ministry of Drinking Water and Sanitation.

Hence, all the students, teaching and non-teaching staff shall attend the Pledge making programme as per the schedule given below:

S.No.	Time	Venue	Remarks
1.	08.00 a.m. to 08.20 a.m.	Open-air Theatre (OAT)	All the students and staff coming in 1 st shift on 15-09-2016
2.	09.40 a.m. to 10.00 a.m.	Open-air Theatre (OAT)	All the students and staff coming in 2 nd shift on 15-09-2016

The staff and students have to assemble at 08.00 a.m. / 09.40 a.m., at the Security Main Gate and march in procession with Swachh Bharat Slogans to the OAT to make "**Swachh Bharat Pledge**". After the Pledge, the class work will be followed as per the time-table.


(Dr.K.SRINIVASU)
PRINCIPAL

To

All HODs: with a request to arrange to be read in all class rooms and also for circulation among their staff.


Directors, Registrar, Deans.

Dean, Students Affairs : with a request to coordinate the above programme.

All Notice Boards

Signage display

Web-studio


14/9/2016
nv.ur

for circulation
