

### 7.1.4 The Institution has facilities and initiatives for

Rajarshee Shahu Science College, Chandur Railway strives to provide the quality education as per the vision and mission statement. College has identified the areas of sensitization of students in relativity with environment, energy, sustainability inclusiveness and provided a conducive environment through the facilities and activities in tune with the Perspective plan, policies, and procedures. This helped in accepting the challenges of 21st century and NEP 2020 to undertake initiatives to address glocal (Global and Local) issues. The role of institute is reflected in terms of various programmes and activities incorporating within its regular functioning. The Institution has facilities and initiatives for

#### 1. Water conservation

The rain water from the terrace of the college is directed towards rain water harvesting pipes which helps in recharging the ground water level. Pits are provided to collect the rain water and absorbed in the soil. Due to this process, capacity of borewell is automatically increases.


## WATER CONSERVATION

### Gabion Structure 2023-24


As Kalamjapur receives huge amount of rainfall every year and also the main profession is agriculture of the village, the NSS Rajarshee Shahu Science College, Chandur Railway decided to construct a bandhara to utilize the water received during the monsoon for farming purpose. Assist. Prof. A. P. Pachkawade sir from the Department of Physics as a co-officer guided NSS volunteers for the construction of same.



**Dr. A. P. Pachkawade**  
NSS Co-ordinator

  
IQAC Co-ordinator  
Rajarshee Shahu Science College  
Chandur Rly., Dist. Amravati



  
Principal  
Rajarshee Shahu Science College  
Chandur Rly Distt. Amravati

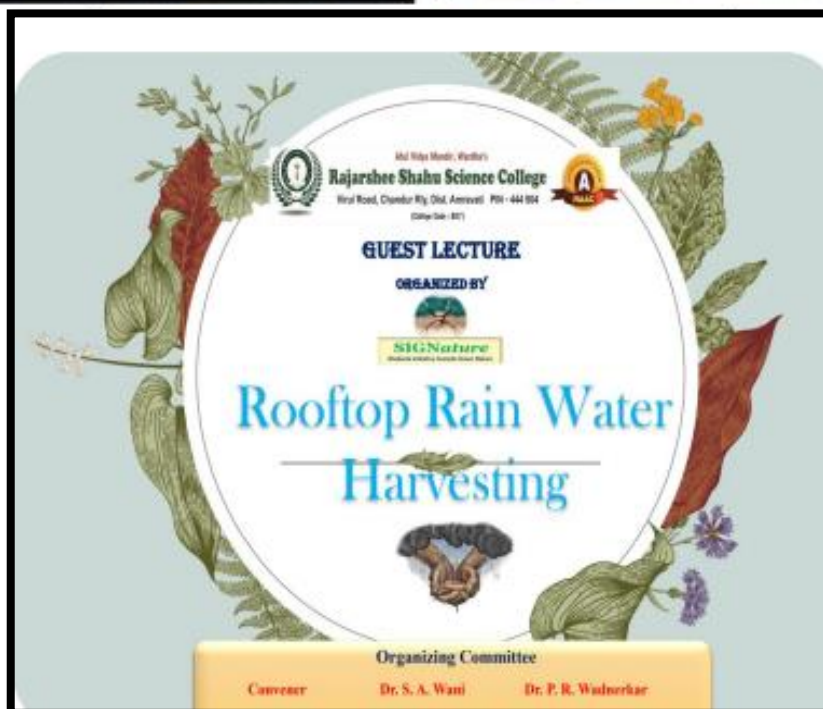
## Guest lecture on Roof top Rain Water Harvesting

As a part of creating awareness on effective rain water management on the occasion of “**Water Saving Week**”, a guest lecture on “Roof top rain water harvesting and recharging of borewells” was organized by SIGNature, Rajarshee Shahu Science College, Chandur Railway on dated 20<sup>th</sup> March 2024. The lecture was delivered by Dr. S. P. Patharkar, Assistant Professor, Department of Botany, RSSC, Chandur Railway. She spoke about importance of water in sustenance of life. The speaker has enlightened the students of college with regard to methods of rain water harvesting (rooftop based and land based), storage and reuse of the same. She further explained in detail about the design for roof top rain water harvesting and construction or utilization of existing water storage sumps for harvesting and storing of rain water. He added saying that the stored rain water can be utilized for either domestic or drinking purposes or both, depending on the need.

However, she cautioned regarding cleaning of rooftop at least once a year to avoid impurities and dust coming into storage tanks. Further she also explained two success stories which includes harvesting of 10 crore litres of water per annum through various rain water harvesting and storage structures in JNTU campus, Hyderabad and decline in fluoride content to below threshold limit in drinking water in three Zilla Parishad High schools with the help of recharge of borewells and rooftop rain water harvesting. She also explained a possibility of harvesting a water at RSSC, Chandur Railway campus through roof top water harvesting from college buildings. She explained about significance of water saying that it is an elixir of life and also the need for enhancing the water use efficiency in Agriculture.

She also added saying that water saved is water produced, hence, utmost care has to be taken to conserve but not to waste or contaminate the water resources. It is the responsibility of each and every citizen to safeguard and utilize water resources in a sustainable manner. Dr. P. R. Wadnerkar, Principal, Dr. G. B. Santape, Convener of SIGNature and students of college thanked the speaker for enlightening the staff and students about harvesting rain water and its efficient utilization. Total with 33 students had participated in the programme.

### Photographs





## Students Participation List:

**Rajarshee Shahu Science College**  
Chandur Rly., Dist. Amravati  
Accredited with B+ Grade by NAAC

**Attendance of Participants**

Title of Programme: Guest Lecture on 'Root top Rain Water Harvesting'

Organized by: Signature Date: 20/03/2024

Venue: College campus Signature of Convener: Signature

Sr. No.	Name of Student / Participant	Class	Email ID	Contact No.	Signature
1	Achal A. Galole	B.Sc.II		9354977023	Signature
2	Monika S. Jagtap	B.Sc.III		7620101773	Signature
3	Anushka Maheshwar	B.Sc.I		805526666	Signature
4	Nikita S. Jadhav	B.Sc.II		9356921352	Signature
5	Indi R. Fuling	B.Sc.II		7028458673	Signature
6	Kamal S. Kale	B.Sc.II		8781423702	Signature
7	Anita S. Indole	B.Sc.II		9356826020	Signature
8	Ankita P. Warkate				Signature
9	Manisha P. Farkate				Signature
10	Manisha M. Dhole				Signature
11	Ganesh Sonbhekar				Signature
12	Shreya P. Sawant			9355333241	Signature
13	Tejal R. Verde			9834666536	Signature
14	Pratiksha A. Verde			7620101773	Signature
15	Monasvi Maheshwar	B.Sc.II		9699761400	Signature
16	Trupti D. Tembhare	B.Sc.II		7662260157	Signature
17	Achal R. Belsare	B.Sc.II		806050409	Signature
18	Korantla A. Bhargal			9379683824	Signature
19	Harishankar P. Jadhav	B.Sc.II		8356051015	Signature
20	Naishnavi K. Kadu	B.Sc.II		7822818111	Signature
21	Achal A. Kadu	B.Sc.II		9356826020	Signature
22	Shravani Natar			7820872777	Signature
23	Sakshi S. Jadhav			8355889623	Signature
24	Bhiksha D. Kharade	B.Sc.II		8330165307	Signature
25	Pratish R. Ramteke	B.Sc.II		9373364832	Signature
26	Shivani Thakre	B.Sc.II		9284617814	Signature
27	Vinay Meshram	B.Sc.II		9148822832	Signature
28	Parasit A. Dnyanesh	B.Sc.II		8010760904	Signature
29	Shreyas M. Jadhav	B.Sc.II		8008158151	Signature

Sr. No.	Name of Student / Participant	Class	Email ID	Contact No.	Signature
1	Alpita P. Farkate	B.Sc.II		9354977023	Signature
2	Sakshi P. Chaudhari	B.Sc.II		8061330918	Signature
3	Shabnam Sheikh	B.Sc.II		7620101773	Signature
4	Shreya Maheshwar	B.Sc.II		9356921352	Signature
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Dr. G. B. Santape  
Convener  
SIGNATURE

Dr. S. P. Patharkar  
Co-convener  
SIGNATURE


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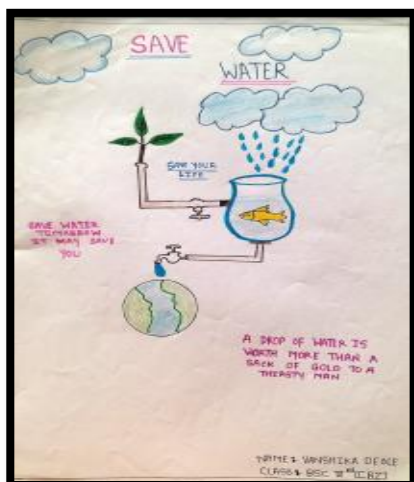


  
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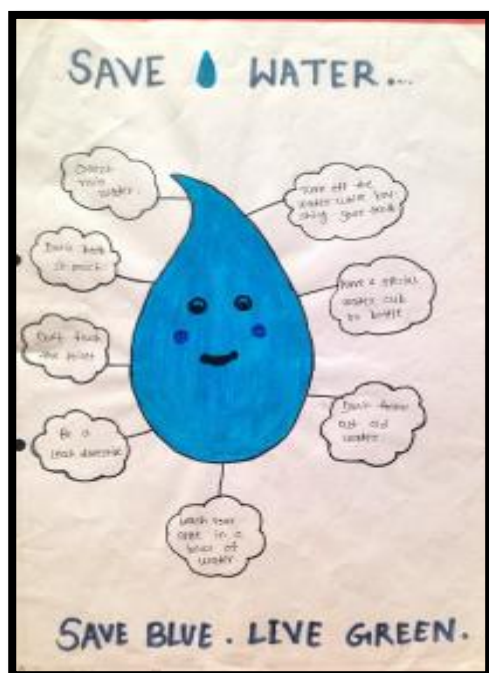
**Poster Competition and Group Discussion  
On  
SAVE WATER AND LIVE GREEN**



**Eco-awareness in action! Our students engaged in a lively group discussion on water conservation and sustainable living #Ecofriendly#Students Life**











**"Every drop counts! Our students are participating in a poster competition to highlight the importance of water conservation during Water Saving Week #WaterMatters #SaveWater"**




### **SIGNature Club Hosts Hands-on Training on Tap Repair for Sustainable Water Management for students"**

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Co-convener  
SIGNature

  
**IQAC Co-ordinator**  
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