



# AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

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(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgavi)

8-01-2022

From,  
Dr Sadananda Kumar N  
NSS Coordinator &  
Assistant Professor, Dept. of Physics  
AJIET Mangaluru – 06

To,  
The Principal  
AJIET, Mangaluru – 06

Subject: Seeking Permission for conducting inspection of RO water plant at Tenkayedapadavu villages as per the university direction.

Respected Sir,

NSS unit of AJIET is planning to conduct inspection of RO water plant at Tenkayedapadavu village on 12/01/2022. This event aims to know about condition of RO unit plant established in various grama panchayat and quality of water .

This event is relevant to Program Outcomes: **PO6(The Engineer and Society)**, **PO7(Environment and Sustainability)** **PO9(Individual and team work)&** **PO10(Communication)**

I kindly request your approval for the initiative. Your support will greatly motivate the students and make our efforts more effective.

Thanking you.

**NSS Coordinator**

**NSS Coordinator**

**A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Mangaluru - 575 006, D.K., Karnataka

**Principal**

**A.J. Institute of Engineering & Technology**

**Mangaluru - 575 006**



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08/01/2022

## PROPOSAL

**Subject:** Inspection of RO water plants at Tenkayedapadavu

NSS unit of AJIET is Planning to conduct inspection of RO water plant at Tenkayedapadavu . This event aims to know about condition of RO unit plant established in various grama panchayat and quality of water.

Mapping to Program Outcomes (PO's)

- The event is relevant to **PO6, PO7, PO10**
- **PO6: The Engineer and Society:** Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to professional engineering practice.
- **PO7: Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts, and demonstrate knowledge of and need for sustainable development..
- **PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Target Participants: NSS members/ Volunteers

  
NSS Coordinator

**NSS Coordinator**  
**A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Mangaluru - 575 006, D.K., Karnataka

  
Principal

**Principal**  
**A.J. Institute of Engineering & Technology**  
Mangaluru - 575 006



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Date: 08.01.2022

## Circular

NSS unit of AJIET planned to conduct inspection of RO water plants at Tenkayedapadavu on 12/01/2022. This event aims to know about condition of RO unit plant established in various grama panchayat and quality of water.

  
NSS Coordinator

**NSS Coordinator**  
**A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**Mangaluru - 575 006, D.K., Karnataka**

Copy to:

- 1) All H O D's
- 2) Class room circulation
- 3) Office file

  
Principal

**Principal**  
**A.J. Institute of Engineering & Technology**  
**Mangaluru - 575 006**



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## REPORT ON INSPECTION OF R O WATER PLANTS @ ADYARU

<b>NAME OF THE EVENT:</b>	R O water inspection report
<b>ORGANISING COMMITTEE :</b>	NSS UNIT
<b>DATE :</b>	12-01-2022
<b>EVENT LOCATION</b>	Tenkayedapadavu
<b>NO OF PARTICIPANTS :</b>	10

As per the university directions, circular Ref. No. VTU/BGM/NSS/Inspection of R O water plants/ 2021-22/544 dated 07-01-2022, NSS volunteers of AJIET conducted an inspection of the Reverse Osmosis (RO) water system at Tenkayedapadavu. The inspection was carried out on 10<sup>th</sup> January 2022 and the primary focus was to evaluate the water quality and system performance.

Panchayathi details: R O plant was started in the year 2016-17 and tendered by KRIDL. Presently R O plant is in working condition. Source of water is bore well.

According to users R O Plant is not in working condition. The quality of drinking water is not good. Source of water is borewell. No proper power supply to the water plant. Water tank is not clean



Fig: Inspection of Ro Plant, Tenkayedapadavu.

**NSS Coordinator**

**NSS Coordinator**

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## Participant Students List

Date: 12/01/2022

Event: Inspection of RO water plants at Tenkayedapadavu.

Sr.No	Name of Student	Signature
1.	PAVAN SHETTIGAR	
2.	PRAGATHI	
3.	PRAJNA DSOUZA	
4.	PRANUSH R SHETTY	
5.	PRATHIKSHA N KARKERA	
6.	PREETHI	
7.	RAMITHA SHETTY	
8.	RISHA JESIKA GONSALVES	
9.	RITHVIK T RAJESH	
10.	SAMRUDDHI RAI K H	

NSS Coordinator

NSS Coordinator  
A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY  
Mangaluru - 575 006, D.K., Karnataka

Principal

Principal  
A.J. Institute of Engineering and Technology  
Mangaluru - 575 006



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## Students Feedback Form

Date: 12/01/2022

Event: Inspection of RO water

Note: Students should grade the feedback 1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

Sr.No	Name of Student	Did you find the plant's layout and components easy to understand?	How did this activity enhance your understanding of water purification process and RO technology?	How successful were you in conveying the importance of health and cleanliness society?	How was the response from panchayat members?	Overall, how would you rate your experience as an NSS volunteer during this event?	Signature
1.	PAVAN SHETTIGAR	3	4	5	4	5	
2.	PRAGATHI	4	3	4	4	5	
3.	PRAJNA DSOUZA	3	4	5	4	5	
4.	PRANUSH R SHETTY	4	4	4	4	4	
5.	PRATHIKSHA N KARKERA	4	4	5	5	5	
6.	PREETHI	5	4	4	4	4	
7.	RAMITHA SHETTY	5	4	4	4	4	
8.	RISHA JESIKA GONSALVES	3	5	5	5	4	
9.	RITHVIK T RAJESH	4	4	4	4	4	
10.	SAMRUDDHI RAI K H	5	5	5	4	4	

NSS Coordinator

NSS Coordinator  
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Mangaluru - 575 006, D.K., Karnataka

Principal

Principal  
A.J. Institute of Engineering & Techno.  
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### **National Service Scheme(NSS) Unit**

**Organizes**



### **RO Water Plant Inspection**

**DATE: 12/ 01/ 2022**

**VENUE: Tenkayedapadavu, Mangalore**

**Dr.Sadananda Kumar N**  
NSS Coordinator

**Dr.Shantharama Rai C**  
Principal

**NSS Co-ordinator**

**NSS Coordinator**

**A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Mangaluru - 575 006, D.K., Karnataka

**Principal**

**Principal**

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