

Pimpri Chinchwad Education Trust's
**Pimpri Chinchwad College of Engineering
(PCCoE)**

(An Autonomous Institute)
Affiliated to Savitribai Phule Pune University (SPPU)
ISO 21001:2018 Certified by TUV SUD



Report of World Water Day Celebration [PCCOE-IWWA Student Chapter]

Department of Civil Engineering

A.Y. 2025-26

Date: 18/03/2026

To
Dr. Govind N. Kulkarni
Director
PCCOE, Pune

Subject: Report of United Nations World Water Day Celebration in association with Elixir Foundation and Grundfos Pumps India Pvt Ltd

Respected Sir
The details of the program are as follows

1. Event Overview

- **Title of the Event:** Celebration of United Nations World Water Day 2026
- **Theme:** "Water and Gender"
- **Organized By:** PCCOE-IWWA Student Chapter (In association with Elixir Foundation & Grundfos Pumps India Pvt. Ltd.)
- **Date & Time:** 17th March 2026 | 10:00 AM to 12:30 PM
- **Venue:** LRDC Hall, PCCOE
- **Number of participants :** 61 student and 04 Faculty.
- **Participating Departments:** Civil Engineering, Mechanical Engineering, and Applied Science & Humanities (AS&H).

2. Introduction & Significance

World Water Day is an annual on 22nd March United Nations observance that highlights the importance of freshwater. For the year 2026, the UN theme "**Water and Gender**" focuses on the intersectional role of women and marginalized genders in water management and the disproportionate impact of water scarcity on them. PCCOE, through its IWWA chapter, organized this multidisciplinary event to sensitize students across all years (FY to Final Year) about sustainable water practices.

3. Objectives

- To create awareness regarding the global water crisis and the specific 2026 UN theme.
- To facilitate Industry-Institute Interaction (Grundfos) and NGO Collaboration (Elixir Foundation).
- To instill environmental ethics and social responsibility among engineering students.
- To encourage multidisciplinary teamwork through collaborative activities.

4. Detailed Activity Report

The program was structured to be interactive rather than a passive seminar:

- **Water Footprint Estimation:** Students participated in a technical session to calculate their daily direct and indirect water consumption. This was followed by a data-driven discussion on how lifestyle changes can reduce individual footprints.
- **Role Play:** Students from various departments performed a skit focusing on "Water and Gender," depicting the challenges of water collection in rural areas and the need for gender-inclusive water policy.
- **Water Pledge:** A collective oath was taken by all 61 students and 04 faculty members to commit to water conservation in their professional and personal lives.
- **Certificate Distribution:** Recognition was provided to participants to validate their engagement in co-curricular activities.

5. Industry & NGO Collaboration

- **Industry Partner (Grundfos Pumps India Pvt. Ltd.):** Provided technical insights into modern pumping technologies that optimize water usage and energy efficiency.
- **NGO Partner (Elixir Foundation):** Assisted in community-centric perspectives and the "Water and Gender" theme implementation, bridging the gap between engineering and social impact.

6. Mapping to Sustainable Development Goals (SDGs)

This event directly contributes to the following UN Sustainable Development Goals:

- **SDG 5 (Gender Equality):** By discussing the theme of Water and Gender.
- **SDG 6 (Clean Water and Sanitation):** Through conservation awareness and footprint estimation.
- **SDG 17 (Partnerships for the Goals):** Collaboration between PCCOE, Elixir Foundation, and Grundfos.

7. Outcomes

At the end of the program, students were able to:

1. Quantify personal water usage (Analytical Skill).
2. Understand the socio-technical aspects of gender in resource management (Social Awareness).
3. Demonstrate professional ethics regarding environmental sustainability (PO7: Environment and Sustainability).
4. Work in multidisciplinary teams across different engineering branches (PO9: Individual and Teamwork).

8. Participation Details & Feedback

- Students found the session **interactive and informative**
- Activities like role play and footprint estimation were **highly engaging**
- Increased awareness about **water conservation and gender issues**
- Positive response towards **practical learning approaches**
- Feedback Summary: participants rated the "Water Footprint" activity as "Highly Insightful." Students expressed a strong interest in more industry-led workshops on water-saving hardware.

Photos of the program [17/03/2026- LRDC Hall, 10 to 12.30 , Participants -65]



Water Footprint estimation



Role play for water conservations



Water pledge





Feliction and certificates



Group Photo



Pimpri Chinchwad Education Trust's
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING,
DEPARTMENT OF MECHANICAL ENGINEERING,
DEPARTMENT OF APPLIED SCIENCE & HUMANITIES
INDIAN WATER WORKS ASSOCIATION STUDENT CHAPTER (2025-26)

Organizes

World Water Day

Theme: Water and Gender.

Let's pledge to use water wisely and
ensure it for future generations.

Date: 17th March 2026

Time: 10:00 a.m.

Venue: LRDC Hall, 4th floor, Building 9



Latitude: 18.652004
Longitude: 73.762788
Elevation: 608.28±8.75 m
Accuracy: 19.33 m
Azimuth: 177° (S)
Pitch: -73.5° (4.8°)
Time: 17-03-2026 11:58
Note: WWD 17 March 2026

Powered by AngleCam

Date: - 06 Mar 2026

To,
Pimpri Chinchwad College Of Engineering
near Akurdi Railway Station Road,
Sector No. 26, Pradhikaran, Nigdi,
Pimpri-Chinchwad, Maharashtra 411044

Subject: United Nations' World Water Day 2026 Commemoration

Respected Madam/Sir,

On behalf of Elixir Foundation and Grundfos Pumps India Pvt Ltd, we are pleased to propose the commemoration of World Water Day 2026 at your esteemed institution.

World Water Day, observed annually on 22 March by the United Nations, highlights the importance of freshwater and advocates for the sustainable management of water resources. As part of Grundfos's Corporate Social Responsibility (CSR) initiative and our national awareness campaign, we aim to engage approximately **60 students from the Mechanical or Civil Engineering Department** in a meaningful and interactive session.

The program will focus on addressing water-related challenges and showcasing innovation-led sustainability solutions presented by industry professionals. It will also include an interactive dialogue on how young engineers can contribute to sustainable development, followed by engaging activities such as water wall painting, Water droplets cutouts, quiz, role play, and a collective water pledge. The entire session will require approximately **two to three hours**.

We propose to conduct this program on **17th or 18th March 2026**, at a time convenient to your institution.

Please note that Elixir Foundation and Grundfos Pumps India Pvt Ltd will bear all expenses related to the planning and execution of the program.

In our shared pursuit of nurturing a generation committed to sustainability, we sincerely seek your support and permission to organize this initiative on your campus. We look forward to the opportunity to collaborate with your institution on this meaningful endeavour.



Atharv Naik
Elixir Foundation

WORLD WATER DAY 2026 — PUNE

Pimpri Chinchwad College of Engineering

Audience: ~60 Mechanical and Civil Engineering Students

Volunteers: 3-5 Grundfos Employees

Total Duration: 120 minutes

1) Minute by Minute Flow

Time	Duration	Segment	Owner
0–5	5 min	Welcome + Why Today	Volunteer 1 – Emcee
5–8	3 min	Icebreaker – Two Facts & a Flow	Volunteers 1 & 2
8–13	5 min	Micro Stories on Water	Volunteer 3
13–30	17 min	Activity 1: Water Footprint Challenge	Volunteer 2 (Facilitator) + Volunteer 3 (Support)
30–35	5 min	Activity 2: Rapid Fire Quiz	Volunteer 1
35–50	15 min	Activity 3: Role Play – Pune Water Futures	Volunteer 3 (Moderator) + Volunteer 2 (Role Cards)
50–70	20 min	Water Pledge + Affirmation	Volunteers 1 & 2
70–85	15 min	Grundfos India Spotlight	Volunteer 2
85–95	10 min	Employee Storytelling	Volunteer 3 (Host)
95–105	10 min	How Young Engineers Influence Sustainability	Volunteer 1
105–115	10 min	Open Q&A	Volunteer 2
115–120	5 min	Photo + Closing	All Volunteers

2) FULL SCRIPT — PUNE

A) Welcome & Why Today — Volunteer 1 (0–5 min)

Hello Students!

We are employees from **Grundfos India**, and we are delighted to be with you on **World Water Day 2026** — a day dedicated to learning, inspiration, and celebrating engineering solutions that help communities thrive.

As future **Engineers**, you will shape water systems everywhere — from pumps to treatment plants to building systems and sustainable industries. Your ideas will influence how water is used, saved, moved, and managed.

Today, you will:

- Explore your **personal water footprint**
- Join a fun **Pune Water Future role play**
- Make a simple **30 day water action**
- Hear **real stories from engineers**
- Discover how engineering can spark **positive change**

Let's keep the energy high — quick responses, active participation, and open minds. Ready? Let's begin!

B) Icebreaker – “Two Facts & a Flow” — Volunteers 1 & 2 (5–8 min)

Turn to someone next to you.

60 seconds: Share *two* things you know about water and *one* question you have about water systems or

engineering.

Switch roles: Next 60 seconds.

Wrap-up (V1):

“Wonderful! Keep those questions ready for our Q&A toward the end.”

C) Micro Stories — Volunteer 3 (8–13 min)

Micro Story 1: Small Habits, Big Impact

Simple daily actions — shorter showers, full laundry loads, switching taps off while soaping, reporting leaks — save surprising amounts of water.

If each person saved just **5 litres/day**, this group alone would save (ask them to guess the number and then put it up on the board – 109,500 litres/year!) **over 100,000 litres/year**.

Small actions add up. They always do.

Micro Story 2: The Hidden Side of Water

Water is inside everything we use — clothes, food, materials, processes, cooling systems, manufacturing. Understanding both our **visible** and **invisible** water use helps us become engineers who design smarter, more resource efficient systems.

D) Activity 1: Water Footprint Challenge — Volunteer 2 & 3 (13–30 min)

Your **water footprint** is the one engineering system you already control every day. Today you’ll estimate it!

Step by Step Flow

1. **Distribute worksheets** (2 min)
2. **Guided completion** (8 min)
 - Read each line aloud
 - Help with conversions (tap 7 L/min, shower 12 L/min, bucket 16 L, etc.)
3. **Group reflection** (5–7 min)
 - Invite a few volunteers to share their totals
 - **Benchmark moment:**
In India, the widely used **urban design benchmark** for domestic water supply is **135 litres per person per day** (IS:1172).
Write **135** on your sheet. How close are you?
4. **Pledge moment**
“Write one action you will adopt for the next 30 days.”

Talking Points (Volunteer 2)

- Shorter showers + full laundry loads = easy wins
 - Fixing leaks saves large amounts over time
 - Engineers influence efficiency at home, in hostels, and in future workplaces
-

E) Activity 2: Rapid Fire Quiz — Volunteer 1 (30–35 min)

Six fast questions — one answer per student.

If you get it right, come forward!

Choose any 6 questions only:

1. pH of pure water? → **7**
 2. Reynolds number threshold for turbulent flow? → **Re > 4000**
 3. Water lost in distribution systems is called? → **Non Revenue Water**
 4. Largest global water using sector? → **Agriculture**
 5. BIS limit for E. coli in drinking water? → **Zero per 100 mL**
 6. Pressure–velocity relation principle? → **Bernoulli’s Principle**
 7. Typical turbidity limit for drinking water? → **<1 NTU**
 8. Typical chlorine dose? → **1–2 mg/L**
 9. Pump for deep wells? → **Submersible pump**
 10. Water stored underground? → **Aquifer**
-

F) Activity 3 — Role Play: *Pune Water Futures 2035* — Volunteer 3 (Moderator) + Volunteer 2 (Role Cards) (35–50 min)

Theme (positive and forward-looking):

“Pune faces rapid urban growth and seasonal water stress — how can engineers and communities work together to build a water-positive Pune by 2035?”

Roles (6 students)

- Water Systems Engineer
- Building Engineer
- Green Infrastructure Designer
- Lakeside Steward
- Industry Innovation Lead
- Citizen Ambassador

Instructions

- **5 min:** Prepare individually
- **6 min:** Each speaks for 30–45 seconds:
 - One opportunity for Pune’s water future
 - Two actions they can influence
 - One constraint
- **2 min:** Team huddle → 3-point **Pune Water Futures Plan 2035**
- **2 min:** Presentation + 1–2 questions

Moderator Closing:

“Thank you for your thoughtful ideas!

This activity shows how **engineers, communities, students, and innovators** can work together to create a **vibrant, green, water-resilient Pune.**”

G) Certificate + Water Pledge + Affirmation — Volunteer 1 & 2 (50–70 min)

Pledge

[GRUNDFOS: Pledge Lead]

Write down **2–3 specific daily actions** you will try for 30 days — short showers, tap off behaviour, water reuse, leak reporting, etc.”

Invite 4–5 students to share (2 minutes each max).

Affirmation (call and repeat):

“I commit to use water wisely,
support fair access for all,
and apply engineering with empathy.”

H) Grundfos India Spotlight — Volunteer 2 (70–85 min)

Please use the provided PPT deck speak for ~12 min + 3 min buffer):

1. **Who we are (Grundfos India)** — Introduction to the company and the products and solutions
 2. **What we offer** — pump solutions across divisions (Domestic, Commercial, Industry and Water Utility)
-

I) Employee Storytelling — Volunteer 3 (85–95 min)

Prompt for two volunteers:

“In college, water meant...; In industry, I saw...; A turning point...; One thing I wish I knew; Advice for your next 90 days.”

J) How Young Engineers Influence Sustainability — Volunteer 4 (95–105 min)

Five doable actions (ask for a show of hands to adopt each one of the actions):

1. **The 4-Minute Shower Challenge**
Reduce shower time to 4 minutes (set a song/timer) → saves 25–40 litres/day.
Ask students: “Who is willing to try this for 30 days?”
2. **The Mug Method for Brushing/Shaving**
Using a mug instead of running tap saves 6–10 litres/day.
Simple, practical, immediate.
3. **Soap Up With Tap Off Habit**

When washing face/soaping hands/shampooing — turn tap/shower off.
A running tap wastes 7–10 litres/min.

4. Delay Laundry Till Full Load

A washing machine uses 60–90 litres per cycle.

5. Carry a Refillable Bottle

Reduces the habit of purchasing packaged drinking water.

Every refill saves the water footprint of manufacturing + bottling.

Pick **one** action you will commit to for the next 30 days.

Invite 4–5 students to share briefly.

K) Open Q&A — Volunteer 11 (105–115 min)

“Short questions, crisp answers — let’s engage!”

L) Photo + Closing — All Volunteers (115–120 min)

“Thank you, engineers! Let’s capture this moment — smiles, certificates, and a bright water positive future!”

Volunteer & Materials Checklist (Pune)

A) Print & Stationery

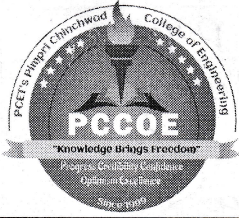
- 60× **Water Footprint Worksheets** (Elixir will bring)
- 60× **Certificate cum Pledge** sheets (Elixir will bring)
- **Script cum Flow and role play cue card**(Grundfos to carry)

C) Room & AV

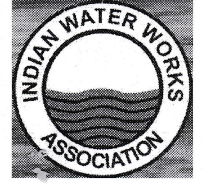
- Projector/screen + clicker (if available)
- Visible **countdown timer** (phone)

D) Time risk & Contingencies

- **Quiz** = exactly 6 winners → keeps Roleplay smooth
- If late:
 - Roleplay Q&A 2 → 1 min
 - Storytelling 10 → 6 min total
 - Q&A 10 → 6 min
- **Don’t cut the Pledge**; it’s your closing anchor before the Grundfos talk.



Pimpri Chinchwad Education Trust's
Pimpri Chinchwad College of Engineering
Sector No. 26, Pradhikaran,
Nigdi, Pune – 411 044



PCCOE -IWWA Student Chapter -World Water Day 2026 Celebration

Department of Civil Engineering

A.Y. 2025-26

Date: 17/03/2026

- Elixir Foundation and Grundfos Pumps India Pvt. Ltd.
- Subject: United Nations' World Water Day 2026 Commemoration
- Event: World Water Day Celebration 2026
- Date: 17th March 2026, Time: 10:00 AM to 12:00 PM
- Venue: LRDC Hall, PCCOE, Nigdi, Pune

Details of participants

Sr. No.	Class	PRN	Branch	Name	Sign
1.	TY	123B1A054	Civil	Yashraj V. Tambe	
2.	T.Y	123B1A045	civil	Jayvardhan S. Shekharwad	
3.	T.Y	123B1G158	Mech	Yash. M. Nertekar	
4.	T.Y	122B1A036	Civil	Rachet. A. Mundhe	
5.	S.Y.	124B1G029	Mech	Aditya V. Yeske	
6.	TY	123B1G068	Mech	Kshikij R. Manne	
7	TY	123B1G065	Mech	Samarth Lohar	
8	T.Y	123B1A051	Civil	Pushkar Singh	
9	T.Y	123B1A006	Civil	Purab Ahirwad	
10	T.Y.	123B1A007	Civil	Sourabh Anuse	
11	SY	124B1G162	Mech	Arijaman Palaskar	
12.	SY	124B1G171	Mech	Siddhant Choudhary	
13.	SY	124B1G179	Mech	Aditya Kulkarni	
14	SY	124B1G204	Mech	Pratham Dhole	
15	T.Y	123B1G182	Mech	Hemal Khaire	
16	T.Y.	123B1G156	Mech	Om Mutalik	
17	TY	123B1G185	Mech	Ajuneya Khissagar	
18	TY	123B1G183	Mech	Shrushti Kare	
19	TY	123B1G152	Mech	Jui Mehendale	
20	TY	124B2G009	Mech	Sanjana Pampatte	
21	TY	124B2G001	Mech	Siddhi Tambe	
22	TY	124B2G044	Mech	Sarita Kolekar	
23	TY	123B1A012	Civil	Niraj Buchade	
24	TY	124B2G005	Mech	Mansvi M Pawar	

25	TY	124B24012	mech	Pallavi Sangram papane	tu
26	Fy	125B1A051	civil	Saksham Jay Taley	tu
27	Fy	125B1A076	Civil	Pruthviraj Amol mane	PA mane
28	Fy	125B1A069	Civil	Pushkaraj malwadkar	tu
29	FY	125B1A072	Civil	Vrushank Shirshath	tu
30	FY	125B1A046	Civil	Swapnil Mali	tu
31	FY	125B1A050	Civil	Wable Omkar Santosh	tu
32	FY	125B1A054	Civil	Ambhule Amol Jalindar	tu
33	Fy	125B1A006	Civil	Siddhant. Satish. Dhage.	tu
34	FY	125B1A053	Civil	Soham Devendra Manjule	Manjule
35	FY	125B1A013	Civil	Kranti Prakash Khade	tu
36	FY	125B1A022	Civil	Udika Digambar Shinde	Shinde
37	TY	124B2A013	Civil	Sohom Umesh Ohmale	S.O.
38.	T.Y.	124B2A009	Civil	Pratik Narayan kukade	tu
39.	T.Y	124B2A010	Civil	Anushree Gopal Nilkhan.	tu
40.	T.Y	123B1A060	Civil	Sunil Yadav	tu
41	TY	124B2A001	Civil	Siddhesh Goale	tu
42.	S.Y	124B2A030	Civil	Kaivalya Dhaygardi	tu
43.	S.Y	124B2A033	Civil	Omkar Pachore	tu
44.	S.Y	124B1A072	Civil	Chinmay Machhi	tu
45.	S.Y	124B1G117	Mech	Tejar Kather	tu
46.	S.Y	124B1G143	Mech	Vedant Pathak	tu
47.	T.Y	123B1A010	Civil	Atul Bajul	tu
48	T.Y	123B1A022	Civil	Harsh Jathar.	tu
49	T.Y	123B1A009	Civil	Atharva Tank.	tu
50	S.Y	124B1G044	Mech	Jeevan Zope.	tu
51	S.Y	124B1G122	Mech(c)	Sanket Sakat.	tu
52	S.T.Y	123B1A031	Civil	Piyush Naqare	tu
53	T.Y	124B2A003	Civil	Abhijeet Suryawanshi	tu
54	T.Y	123B1A035	Civil	Kunal Patil	tu
55	S.Y.	125B2G008	Mech	Shubh Malatpure	tu
56	S.Y.	125B2G002	Mech	Rushab Sumale	tu
57.	T.Y	124B2A005	Civil	Swapnil Tadhar	tu
58	T.Y	123B1A090	Civil	Darshan Sangale	tu
59	T.Y	123B1A052	Civil	Sujay Angate	tu
60	S.Y	124B1G072	Mech	Uvi Saindane	tu
61	S.Y	124B1G040	Mech	Yashika Ansal	tu

Total students = 61.

Pratik Sandep T. Malvi - Pratik
17/03/2026.

Page 2 of 3

Dr. Ajay K. Garikani
HOD Civil 2049



CERTIFICATE

OF PARTICIPATION

This certifies that

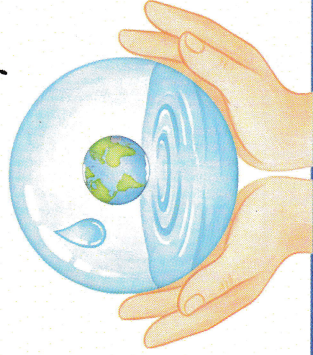
Pimpri Chinchwad College of Engineering, Pune

has actively supported and participated in the World Water Day 2026 engagement facilitated by Grundfos India in partnership with Elixir Foundation on 17/03/2026.

We appreciate your sincere contribution.

A handwritten signature in black ink, appearing to read 'Usha'.

Usha Subramaniam
Country President,
Grundfos India



A handwritten signature in black ink, appearing to read 'Madhish Parikh'.

Madhish Parikh
President & Founder,
Elixir Foundation