



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

Date: 18-09-2024

REPORT ON “Essay Writing Event on topic of World Water Monitoring Day

The Rotaract Club of Pragati Engineering College (A), conducted an essay writing event on the topic of World Water Monitoring Day. In total 27 students of II and III B.Tech participated in the event which was co-ordinated by the Faculty In-charge of Rotaract Club Mr.Manas Kumar Yogi, Asst. Professor of CSE Department.

In most of the essays these major aspects are covered.

World Water Monitoring Day, observed on September 18th, raises awareness about water quality and the importance of monitoring water resources. The participant’s essays focused mainly on below aspects:

1. Water Quality Issues
 - Contamination from agricultural runoff, industrial waste, and urban sewage.
 - Presence of pathogens, heavy metals, and toxic chemicals in water sources.
2. Access to Clean Water
 - Lack of access to safe drinking water for millions, particularly in developing regions.
 - Inequities in water distribution affecting marginalized communities.
3. Climate Change Impact
 - Changes in precipitation patterns affecting water availability and quality.
 - Increased frequency of extreme weather events leading to flooding or drought.
4. Overexploitation of Water Resources
 - Unsustainable extraction of groundwater and surface water for agriculture and industry.
 - Impact on ecosystems and biodiversity due to habitat degradation.
5. Policy and Governance Challenges
 - Inadequate regulations and enforcement regarding water quality standards.
 - Need for better coordination among various stakeholders (governments, NGOs, communities).
6. Public Awareness and Education
 - Low public awareness about the importance of water quality monitoring.
 - Need for education on sustainable water practices and conservation efforts.
7. Technological and Data Gaps
 - Insufficient monitoring infrastructure and technology in many regions.
 - Need for reliable data collection and sharing to inform water management strategies.
8. Investment in Water Infrastructure
 - Underfunding of water treatment and distribution systems.
 - Need for investments in resilient infrastructure to adapt to changing water dynamics.
9. Community Involvement
 - Importance of engaging local communities in monitoring and managing water resources.
 - Empowering individuals to take action in safeguarding their water sources.

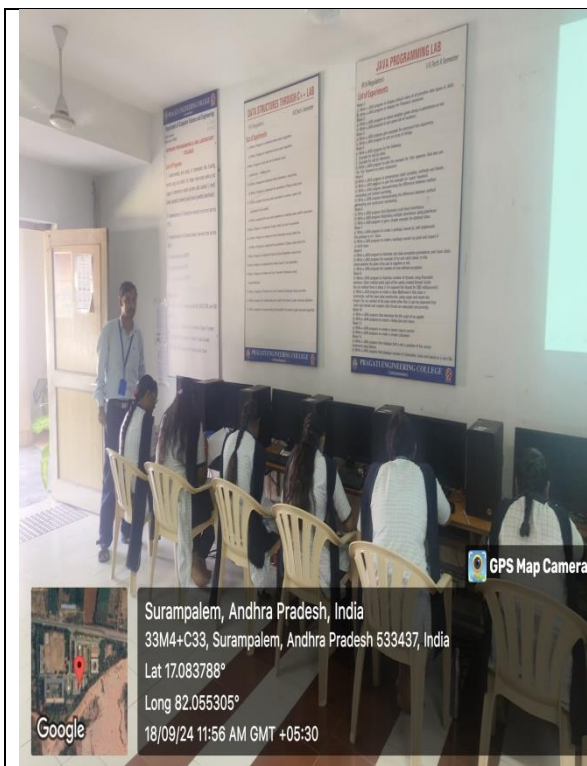
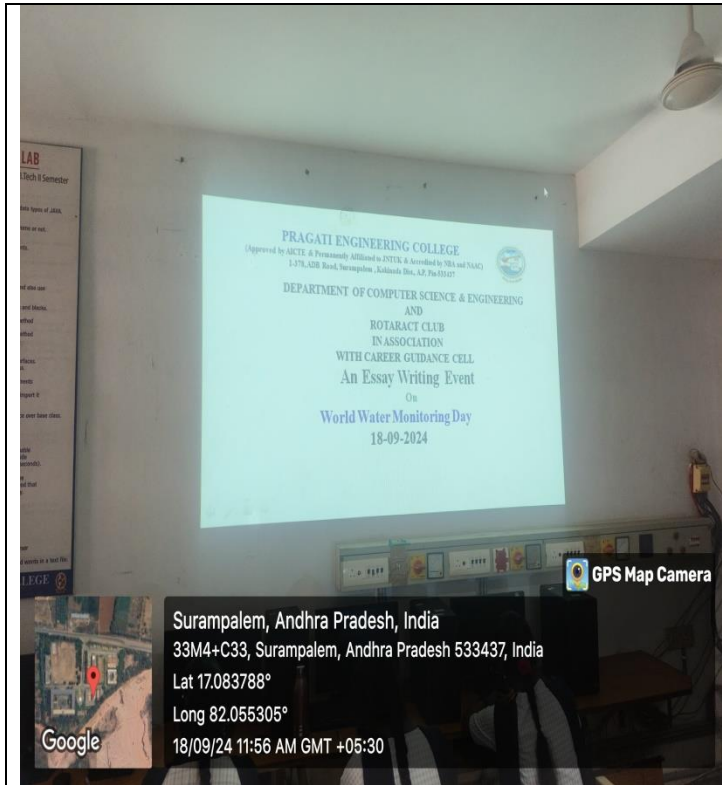


PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

Photos of the event:





PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G. District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

Sample Essays:

M. Meghana
23A31A4316

World Water Monitoring Day:

World Water Monitoring Day was an International day established in 2003 by American's Clean Water Foundation (ACWF) as a global educational outreach program. The program, subsequently named the "World Water Monitoring Challenge" and "EarthEcho Water Challenge", aims to build public awareness and involvement in protecting water resources around the world by empowering citizens to carry out basic monitoring of their local water bodies. 2008 saw students from Indonesia to Arkansas taking part in water sampling to bring attention to the importance of water quality. EarthEcho International encourages participants to conduct their monitoring activities as part of the "EarthEcho Water Challenge" during any period between March 22 and December of each year.

Ch. M. S. Kumari
23A31A4309

World Water Monitoring Day:

Water is essential for all life on earth, playing a crucial role in sustaining ecosystems, communities and economies and despite its importance water is a limited and unevenly distributed resource, making it a source of conflict in many regions. However, when managed wisely water can also become a tool for peace and cooperation. The idea of "water for peace" emphasizes the role of water as a catalyst for unity, diplomacy and conflict resolution.

Historically, water has been both a cause of conflict and a path toward peace. Countries that share water resources, like rivers and lakes, often face tension over access and control. For example, the Nile river is shared by multiple African nations, including Egypt, Sudan and Ethiopia. Disagreements over the construction of dams and water usage have led to diplomatic challenges. However, there have also been successful water sharing agreements, such as the Nile Basin Initiative, which encourages cooperation among these countries to manage the river sustainably.

One of the most well-known examples of water diplomacy is the Indus Water Treaty between India and Pakistan, signed in 1960 despite decades of political tension and conflict. The treaty is considered one of the examples of conflict resolution through water resources can bring about long-term peace.



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G. District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

S. Satya Sri Varri
23A31AUB22

World Water Monitoring Day

The main goal of World Water Monitoring Day is to encourage people around the world to monitor the quality of their water bodies such as rivers, lakes, etc. Take steps to protect and preserve water resources.

This day is observed annually on September 18th.

On this day people are encouraged to test the quality of their local bodies using simple water monitoring kits. These kits typically measure parameters like pH, dissolved oxygen, turbidity and temperature.

World Water Monitoring Day also serves as an educational opportunity to teach people about the importance of clean water for human health, ecosystems & the economy. It highlights the interconnections of water quality with various aspects of life. It can help guide conservation efforts, water management strategies and pollution prevention initiatives. Overall, World Water Monitoring Day plays a crucial role in promoting water stewardship and encouraging individuals to take action to safeguard this vital resource for present and future generations.



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

Participants List

Sl.No.	Roll No.	Student Name	Department	Section
1	22A31A0506	ASRITHA DASARI	CSE	A
2	22A31A0524	Yalla Aishwaryambica	CSE	A
3	22A31A0597	Y. Pallavi	CSE	B
4	22A31A0593	Lahari Vadakattu	CSE	B
5	22A31A05G8	K.R.S.Pavan	CSE	C
6	22A31A05F9	Vasa Neeharikasri	CSE	C
7	22A31A05F7	Sathi chaitanya sai durga	CSE	C
8	22A31A4256	SYED AHMAD ALISHA	CSE (AI & ML)	A
9	22A31A4226	BANDARU B S VEERA SAI GANESH	CSE (AI & ML)	A
10	22A31A4246	Marre Narendar Karthikeya	CSE (AI & ML)	A
11	22A31A4230	Sreekanth Chennoju	CSE (AI & ML)	A
12	22A31A4233	Manoj Kumar	CSE (AI & ML)	A
13	22A31A4292	V. Tejasri	CSE (AI & ML)	B
14	22A31A42C0	Penke. Sreeramkasulu	CSE (AI & ML)	B
15	22A31A42B5	Rama krishna	CSE (AI & ML)	B
16	22A31A42A8	KOTHA MADHURA MANOJ	CSE (AI & ML)	B
17	22A31A42A4	K.Bharath Kumar Varma	CSE (AI & ML)	B
18	22A31A42B8	Nadigatla Roopchand	CSE (AI & ML)	B



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

19	22A31A42D8	KODAMANCHILI. GANGA BHAVANI TARUNA	CSE (AI & ML)	C
20	22A31A42D5	Priya durga Gunaparathi	CSE (AI & ML)	C
21	22A31A4449	Shakthi indra varma	CSE (DS)	A
22	22A31A4404	Chavvakula.Lasya valli	CSE (DS)	A
23	22A31A4403	B. Sharmila	CSE (DS)	A
24	22A31A4410	K shreya	CSE (DS)	A
25	22A31A4452	Palika Pavan sai	CSE (DS)	A
26	22a31a4424	madhuri lakshmi	CSE (DS)	A
27	22A31A4411	Karrothu Nikhitha	CSE (DS)	A
28	22A31A4443	Kothapalli venkannababu	CSE (DS)	A
29	22A31A4402	Balla Aarathisree	CSE (DS)	A
30	23A31A4307	Ch.M.S.Kumari	CSE AI	A
31	23A31A4322	S.Satya Sri Vani	CSE AI	A
32	22A31A1208	G.Lalitha Raja Sri	IT	A
33	22A31A1209	G.R.L.Deepika	IT	-
34	23A31A14316	Meghana	AI	A

Faculty In-Charge

Rotaract Club