



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: 06-11-2023

PEC/CE/Circular

CIRCULAR

This is to inform the students As a part of the industry 4.0 student club activity of Pragati Engineering college "WASTE MANAGEMENT CLUB, SANITATION & HYGIENE CLUB" organizing an ESSAY WRITING COMPETITION on "SAFE SANITATION: A PILLAR OF GLOBAL HEALTH" on 07.11.2023 from 2:00 PM.

All the students are requested to utilize this opportunity with your presence.

Venue: MS-8, Mechanical Block.

Copy to....

Dept. Notice Board.

Circulate among Faculty,

Class Rooms of I, II, III & IV year's





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Name of the Activity: SAFE SANITATION: "A PILLAR OF GLOBAL HEALTH"

Date: 07-11-2023

S.NO.	Branch	Roll Number	Name of the Student	Signature
1	Civil (CE)	23A35A0107	M. Mounika	M. Mounika
2	Civil (CE)	23A35A0104	K. Devi udaya bhary	K. Devi udaya bhary
3	Civil (CE)	23A35A0102	D. Madhulatha	D. Madhulatha
4	Civil (CE)	23A35A0106	K. Lihavika Ratnam	K. Lihavika Ratnam
5	Civil (CE)	23A35A0101	A. Sushma	A. Sushma
6	Civil (CE)	23A35A0109	S. Satya Sivani	S. Satya Sivani
7	Civil (CE)	23A35A0108	R. Vasavi	R. Vasavi
8	Civil (CEE)	23A35A0105	K. Lahari Venkata Ranga	K. K. V. Ranga
9	Civil (CEE)	22A31A0110	S. Jahnvi	S. Jahnvi
10	Civil (CE)	22A31A0111	S. Ishwarya Ambika	S. Ishwarya
11	Civil (CE)	22A31A0102	D. Sirisha	D. Sirisha
12	Civil (CE)	22A31A0104	G. Pavitra lahari	G. Pavitra lahari
13	Civil	22A31A0101	B. Bhavani	B. Bhavani
14	Civil	22A31A0107	N. Harika Lakshmi	N. Harika Lakshmi
15	Civil	23A35A0114	D. Sunya Venkata Nagasai	D. Sunya Venkata Nagasai
16	Civil	22A31A0117	G. Raj Vardhan	G. Raj Vardhan
17	Civil	22A31A0116	G. N. Venkateswararao	G. N. Venkateswararao
18	Civil	22A31A0121	P. H. V. Chandrajyoti	P. H. V. Chandrajyoti
19	Civil	22A31A0123	M. Bobby Anish	M. Bobby Anish
20	Civil	21A35A0111	Gayathri K	Gayathri K
21	Civil	20A31A0169	Anjani R	Anjani R
22	Civil	20A31A0175	Manoj A	Manoj A
23	Civil	21A31A0123	G. Giridhar	G. G. Giridhar
24	Civil	21A31A0102	Ch. Meghana	Ch. Meghana
25	Civil	22A35A0111	Y. Rakesh	Y. Rakesh
26	CSE (DS)	23A31A4411	K. Suchitra	K. Suchitra
27	CSE (DS)	23A31A4402	B. Sravani	B. Sravani
28	CSE (DS)	23A31A4409	K. Prayana	K. Prayana
29	CSE (DS)	22A31A4444	P. Pujja	P. Pujja
30	CSE	23A31A4408	M. S. K. K. Mahalakshmi	M. S. K. K. Mahalakshmi
30	CSE	23A31A4408	M. S. K. K. Mahalakshmi	M. S. K. K. Mahalakshmi
31	EEE	22A31A0207	B. Sai Santhoshi	B. S. Santhoshi



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DEPARTMENT OF CIVIL ENGINEERING

Date: 07-11-2023

REPORT

Essay Writing on

SAFE SANITATION: "A PILLAR OF GLOBAL HEALTH"

As a part of the industry 4.0 student club activity of Pragati Engineering college "WASTE MANAGEMENT CLUB, SANITATION & HYGIENE CLUB" organizing an ESSAY WRITING COMPETITION on SAFE SANITATION: "A PILLAR OF GLOBAL HEALTH" on 07.11.2023 from 02:00PM in MS-8, Mechanical Block, PRAGATI ENGINEERING COLLEGE for all the student of civil Engineering and members of the sanitation and hygiene club.

Student members of INDUSTRY 4.0 of all the other departments have taken apart and contributed their knowledge to the participants.

Having access to facilities for the safe disposal of human waste (feces and urine), as well as having the ability to maintain hygienic conditions, through services such as garbage collection, industrial/hazardous waste management, and wastewater treatment and disposal.

The program was attended by Faculty members and students. Participation of 31 students from Pragati Engineering College is so thoughtful and informative.

List of Organizers;

S.NO	Faculty In-charges	Designation
1.	Mr.D.V.Durga Prasad, Asst.Prof CE	MGNCRE, Sanitation & Hygiene club
2.	Mrs. S.Bhargavi, Asst.Prof ES	MGNCRE, Waste Management club



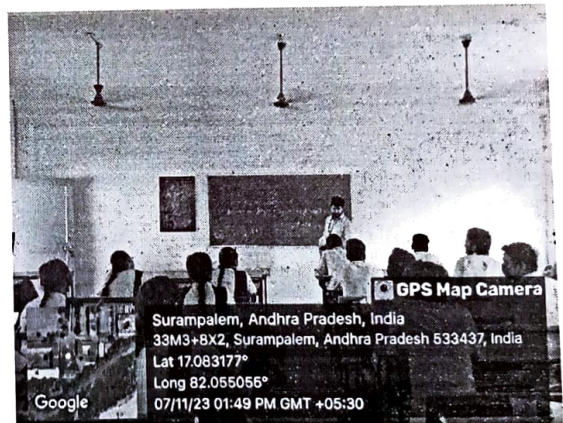
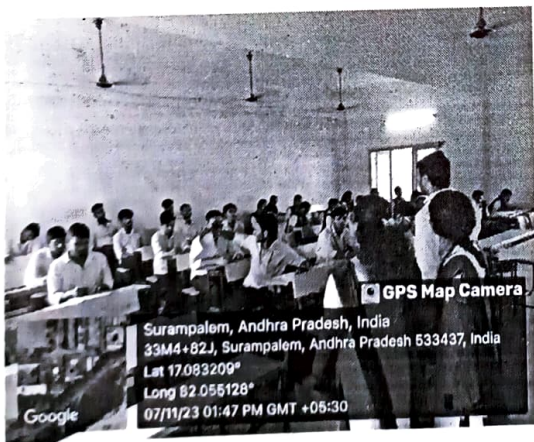
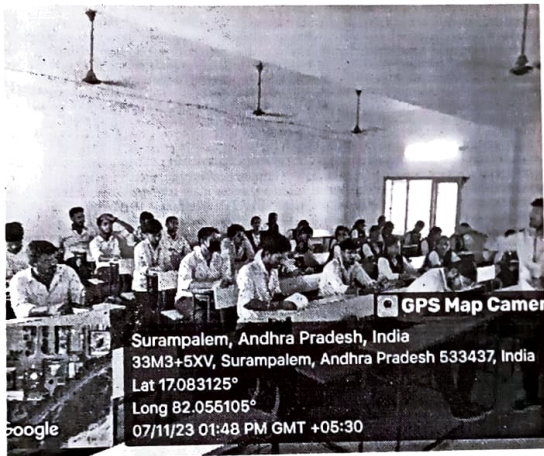
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S.NO	STUDENT CORDINATORS	BRANCH	Year	ROLL NUMBERS
1.	K.HARSHA SRI	CIVIL	3 rd	21A31A0109
2.	V.SARANYA SAHITHI	CIVIL	3 rd	21A31A0116
3.	G.JOHN MUKESH	CIVIL	3 rd	21A31A0124

The picture of the event and glimpses of slides presented were mentioned in the report stated.



Handwritten signature
Coordinator



ESSAY WRITING
SAFE SANITATION: A PILLAR FOR GLOBAL HEALTH

10/17

TOPIC: SAFE SANITATION: A PILLAR FOR GLOBAL HEALTHINTRODUCTION:

Sanitation refers to public health conditions related to clean drinking water and treatment and disposal of human excreta and sewage. Preventing human contact with feces is part of sanitation, as in hand washing with soap.

Sanitation generally refers to the provision of facilities and services for the safe disposal of human urine and faeces. The word 'sanitation' also refers to the maintenance of hygienic conditions, through services such as garbage collection and wastewater disposal.

TYPES AND CONCEPTS (FOR EXCRETA MANAGEMENT)

- Basic sanitation
- container-based sanitation
- community-led total sanitation
- Dry sanitation
- Ecological sanitation
- Environment sanitation and so on...

Advantages of safe sanitation:

- * Reducing the spread of intestinal worms, schistosomiasis and trachoma, which are neglected tropical diseases that cause suffering for millions.
- * Reducing the severity and impact of malnutrition.
- * Promoting dignity and boosting safety, particularly among women and girls.

* promoting school attendance; girls school attendance is particularly boosted by the provision of separate sanitary facilities.

* Reducing the spread of antimicrobial resistance.

Disadvantages of poor sanitation;

* Excessive cleanliness makes our immune system weak.

* It removes the beneficial microbes from our body as a result of which we fall sick more often.

* we get prone to skin allergies and rashes due to frequent washing by soaps.

* transmission of diarrhoeal diseases such as cholera and dysentery, as well as typhoid, intestinal worm infections and polio.

How to prevent poor sanitation?

→ wash your hands regularly and whenever they become soiled. washing hands with soap and running warm water.

→ practice proper cough and sneeze etiquette

Conclusion:

We have to conclude that wash our hands regularly and maintain social distance. Environmental factors and community specific physical, social and cultural factors. Some slogans are mentioned in below to awareness on safe sanitation.

"CLEAN AND GREEN IS THE PERFECT DREAM"

"CLEANLINESS IS NEXT TO GODLINESS"

means keep your surrounding clean

— END —

SAFE & SANITATION:- A PILLAR FOR GLOBAL HEALTH.

"Sanitation" it is defined as the process of keeping places clean and healthy, especially by providing a sewage system and a clean water supply is known as "Sanitation."

Sanitation is a basic human right. It is essential for public health, and it is a critical component of Sustainable Development Goals.

There are many different definitions of Sanitations, but they all share one common element: the provision of facilities and services for the safe disposal of human waste. This includes things like toilets, sewer and septic tanks.

Sanitation is important for a number of reasons. First, it helps to prevent the spread of diseases. When human waste is not disposed properly, it contaminates water supplies and food sources. This may lead to outbreak of diarrhea, cholera and other diseases.

Second, Sanitation helps to improve personal hygiene. When people have access to toilets and clean water, they are more likely to wash their hands and practice other good hygienic habits. This helps to prevent spread diseases even further.

Third, Sanitation can boost economic growth. When people are healthy, they are more productive. They are also less likely to miss work or school due to illness.

This can lead to increased economic output and improved standards of living.

Despite the importance of sanitation, billion of people around the world do not have access to it.

According to the World Health Organization (W.H.O), 2.4 billion people do not have access to basic sanitation service, and 1.1 billion people practice open defecation. This lack of sanitation has a devastating impact on public health.

Diarrhea, one of the diseases spread by poor sanitation, is the second leading cause of death among children under five. It is also a major cause of malnutrition and stunting.

Another disease spread by poor sanitation is cholera. Cholera is a highly contagious disease that can kill within hours. It often spreads through contaminated water or food.

Poor sanitation also contributes to the spread of antimicrobial resistance. Antimicrobial resistance is a growing threat to global health. It occurs when bacteria, viruses and fungi develop the ability to fight off antibiotics.

Another important step is to improve hygienic practices.

This can be done through education and awareness campaigns, as well as through the provision of soap and other hygiene products.

Conclusion:-

Finally, poor Sanitation puts children @ risk of childhood diseases and malnutrition that can impact their overall development, learning and later in life, economic opportunities.

Slogans on Sanitation:-

- * Clean and green is the perfect dream.
- * Let us go green to get our planet clean.
- * The key to a cleaner planet is in your hands.
- * Wash it, clean it. Be safe.
- * Maintain cleanliness, keep away from Diseases.

a. D. Rupa Kantaragasa