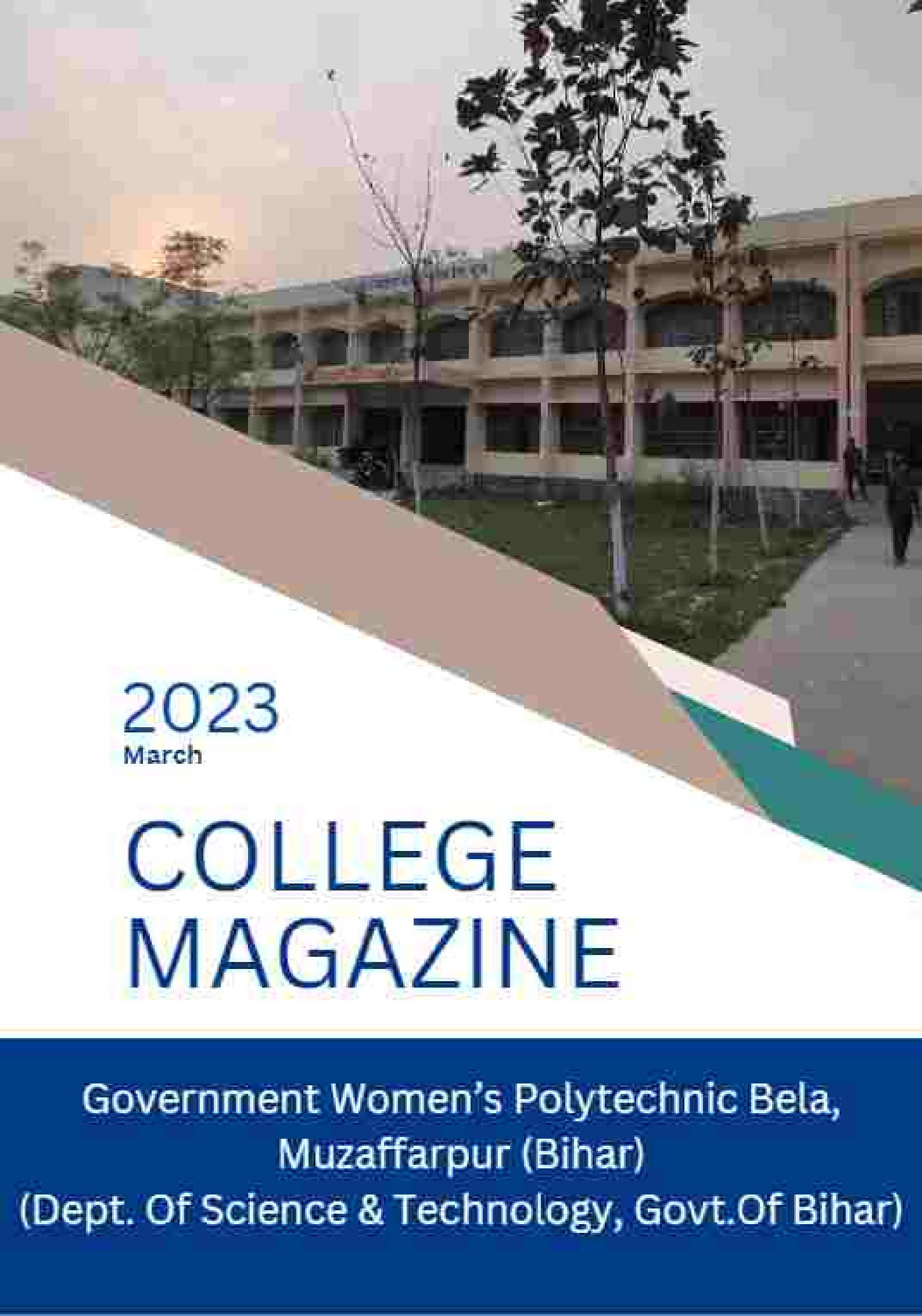




2023

March

COLLEGE MAGAZINE

Government Women's Polytechnic Bela,
Muzaffarpur (Bihar)

(Dept. Of Science & Technology, Govt.Of Bihar)

COLLEGE EMBLEM



The Emblem of the College symbolizes the aspirations of the Institution. Empowering Women is a line which means women gain power and control over their own lives and acquire the ability to make strategic choices. Empowering Nation means empower people to make them capable to become self- dependent, 'lead us from darkness to light'. It is not physical darkness but the darkness of ignorance and light stands for knowledge, while the emblems symbolize technical knowledge, the lotus suggests the flowering and awakening of intelligence. It means, by acquiring Vidya (Ultimate Knowledge), one can attain immortality.

MESSAGE

It is a matter of pride that the college magazine committee has put in their best efforts to bring out the magazine for the academic year 2023-24(March Month).

The magazine, I feel, will mirror the creative and innovative ideas of both the teachers and the students the articles published in it, I hope, will be of contemporary relevance. I congratulate the convener and the committee members on having successfully brought out the magazine in a very useful way.

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FROM THE PRINCIPAL'S DESK



DR. B.K. ROY
Principal
GWP, Muzaffarpur

I am elated at the publication of college magazine for the academic year March 2023-24 sessions. I sincerely hope that the magazine proves to be an enjoyable, knowledgeable and useful for both students and faculties of the college.

I am also confident that it will serve as a source of inspiration for the faculties as well as the students to contribute articles regularly to the magazine in future. I whole-heartily congratulate the convener and the committee members on their successful endeavor to bring out the magazine.

HOD MESSAGE

Electronics engineering is a dynamic and exciting area that provides excellent career opportunities in various areas of technology. The department faculties are committed to teach our students the fundamental concepts and the latest trends via smart teaching and learning process. The students are also taught with critical thinking and problem-solving skills as they accommodate their future with confidence. Department provide healthy environment to students and faculties.

DR. VINIT KUMAR

Electronics

GWP, Muzaffarpur

Physics is a branch of pure science dealing with the study and analysis of physical phenomena that take place around us, the nature of the forces responsible for them, and accurate measurement of the physical parameters involved, their interdependence and the laws governing them.

DR. PRAKASH KUMAR SINGH

Physics

GWP, Muzaffarpur

HOD MESSAGE

To enhance our status as an outstanding teaching and multidisciplinary research hub which is recognized for its quality teaching, innovative research to promote and discovery of new molecular entities that attracts the best students globally?

PROF. VIBHA KUMARI

Chemistry

GWP, Muzaffarpur

The technical staff which is taking care of all the facilities in labs is well qualified. All the staff is either engineering graduate or higher. Workshop classes are also conducted for first year students of all streams in labs.

RAJ KISHORE SAH

Workshop

GWP, Muzaffarpur

WISHES FOR CHILDRENS'

"Water is one thing that defines life for all the organisms on this planet. On the occasion of World Water Day, let us join hands to conserve water."

She is a Dreamer, she is a believer, she is a doer, she is an achiever, and that she is "You"

DR. B.K. ROY

Principal

FACULTY'S WISHES

Wishing a very Happy World Water Day to everyone. Without water, there can be no life and therefore, we must work hard to save water."

LECT. KUNDAN KR SHARMA

WISHES FOR CHILDRENS'

Being a woman is a superpower, and I still don't know how you do it all with such grace. Happy Women's Day to all the superheroes in my life!

GUEST LECT. ARPANA SINGH

No country can ever truly flourish if it stifles the potential of its women and deprives itself of the contributions of half of its citizens. Happy Women's Day to every Girl.

GUEST LECT. SHIVANI SINGH

"If there is no water on Earth, our planet is going to become like just another planet. Let us join hands to save water. Happy World Water Day to everyone."

SANTOSH KUMAR

E-YANTRA LAB INAUGURATION

On March 18th, 2023, the inauguration of the e-Yantra Lab took place in GWP, Bela, Muzaffarpur. The purpose of the lab is to provide a platform for students and faculty members to work on innovative projects related to robotics, artificial intelligence, and other emerging technologies.

Event Details:

The inauguration ceremony started at 2:00 PM and was attended by several dignitaries from the education and technology sectors.



E-YANTRA LAB INAUGURATION



Sri Mohammad Israil Mansuri, Minister of Information Technology, Govt. of Bihar.

The Chief Guest for the event was the Honorable Minister of Information Technology, Sri Mohammad Israil Mansuri, who inaugurated the lab. The coordinator of e yantra lab, gave a welcome speech and highlighted the importance of the lab in promoting research and development in emerging technologies. The lab is equipped with advanced hardware and software tools, including 3D printers, laser cutters, robotics kits, and development boards. The attendees also got a chance to interact with the lab staff and learn about the ongoing projects and research work being done at the lab. The lab provides an excellent platform for students and faculty members to work on innovative projects and develop solutions to real-world problems. The state-of-the-art facilities and equipment available at the lab would help in promoting a culture of innovation and entrepreneurship among students.

E-YANTRA LAB INAUGURATION



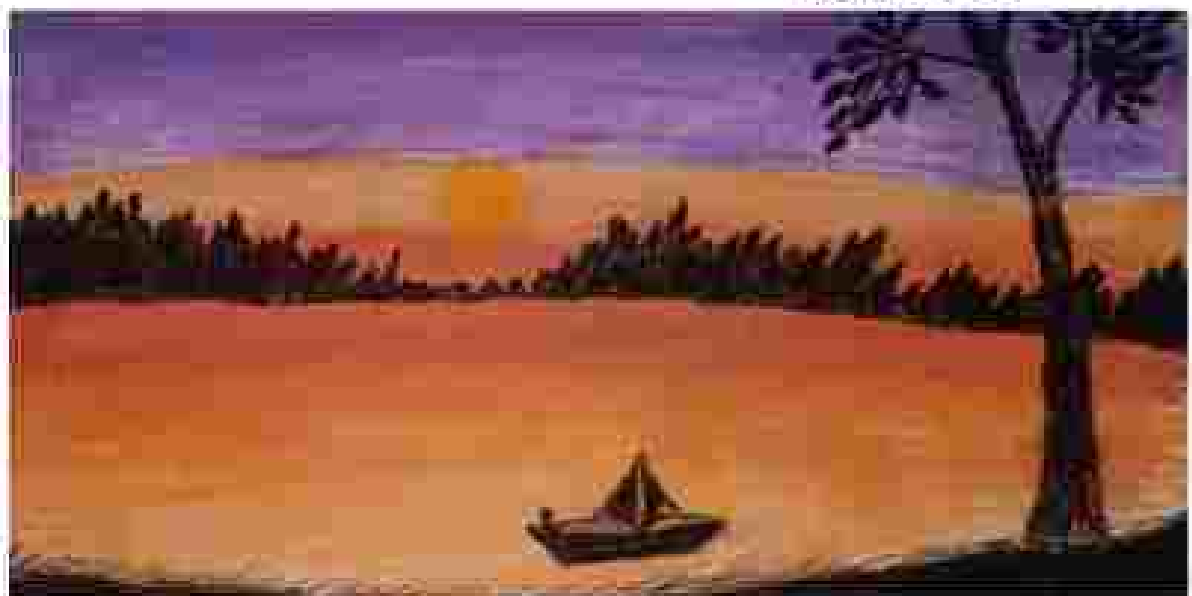
PHOTOGRAPHY



Name - Nishita Shah
Roll no - 12
Branch - MOP



Name - Sandhya Kumari
Roll no - 17
Branch - CSE



Name - Tahir Noor
Roll no - 7
Branch - C.D.G.E

VISIT

VISIT BY SCHOOL STUDENTS



Visits by school students to colleges are an excellent way for them to gain practical knowledge and exposure to higher education. It provides them with an opportunity to explore and understand the college environment, the facilities available, and the various courses offered. As a college, it is important to plan the visit in a manner that is informative, engaging and memorable for the students.

GWP, Bela planned in best way to provide all the knowledge & information to students and visitors in short time. The coordinator of this program is Dr. Vinit Kumar. Visits by students to Polytechnic colleges are a great way for them to gain practical knowledge and exposure to technical education.

VISIT



It provides them with an opportunity to explore and understand the Polytechnic college environment, the facilities available, and the various technical courses offered. The visits was organized in well manner. Approx. 300 students participated in campus tour. The college also provided snacks for the students and teachers.

Schools who visited the campus are:
ZILA SCHOOL MUZAFFARPUR
Rajkiya Madhya Vidyalaya Rohua
Chapman School Muzzafarpur



OFFER LETTER DISTRIBUTION

Sri Mohammad Israil Mansuri, Legislator Sri Niranjan Roy, Chief guest Mrs. Taran Roy, Guest Mrs. Monalisha, distributed Offer Letters to College Students in Special Ceremony

In a special ceremony held at GWP Bela, Muzaffarpur, Diginities distributed offer letters to a group of college students who had been selected by Yokohama Company. The event was attended by college officials, faculty members, and company representatives, who congratulated the students on their achievements and wished them success in their future careers.

The ceremony began with an opening address by Dr. Vinit Kumar , who welcomed the guests and emphasized the importance of industry-academia partnerships in promoting education and employment opportunities. The students were then introduced by Mrs. Shivani Sinha, who highlighted their academic achievements and potential contributions to the workforce.

Next, Sri Mohammad Israil Mansuri addressed the audience, commending Yokohama Company for its commitment to promoting youth employment and investing in the country's future. He also said "I am proud to see such dedicated companies that are investing in our youth and offering them opportunities to grow and contribute to our society".

OFFER LETTER DISTRIBUTION

The minister then distributed the offer letters to the students one by one, congratulating them and offering words of encouragement. The students expressed their excitement and gratitude for the opportunity to work with Yokohama Company, citing its reputation for excellence and innovation.

"I am thrilled to be joining Yokohama Company and contributing to its mission of innovation and sustainability," said Tannu Kumari, who received an offer letter for a position in the engineering department. "This ceremony is a testament to the power of collaboration between academia and industry, and I feel honored to be a part of it."



OFFER LETTER DISTRIBUTION

The event concluded with a reception, where the students had the chance to interact with the company representatives and network with each other. The atmosphere was one of excitement and optimism, with the students looking forward to their new roles and the opportunities that lay ahead.

The ceremony was a celebration of the students' achievements and a testament to the power of public-private partnerships in promoting youth employment and economic growth. We wish the students the best of luck in their new roles and look forward to seeing their contributions to the workforce and society at large.



Some Glimpse of Offer Letter Distribution Programme



OFFER LETTER DISTRIBUTION



QUIZ COMPETITION

The quiz competition held in the college was centered around two important days, International Women's Day on 25th March, 2023 and National Science Day on 19th March, 2023. The quiz aimed to test the knowledge and awareness of the participants on these two topics. The competition saw enthusiastic participation from students from various departments.

The quiz had several rounds that included questions on the history, significance, and accomplishments related to both days. The participants were also asked to identify prominent women scientists, and their contributions to science and society. The quiz also featured questions on the latest research in science and technology, as well as issues related to gender equality and women's empowerment.

**GOVERNMENT WOMEN'S
POLYTECHNIC, BELA MUZAFFARPUR**

QUIZ TOPIC AWARENESS

NATIONAL SCIENCE DAY
Date: 19/03/2023
Time: 3 PM
Venue: Online
All Semester (EC, CSE, LIS,
FR&P, CDGT & MOP)

Patron: Dr. Barun K. Roy
Principal, GWP
Muzaffarpur

**The Hunt For The
Smartest Young
Minds**

**Co-ordinator: Dr. Vinod
Kumar (Left)**

Organizer: Nishi (Right)

QUIZ COMPETITION



The poster is for a quiz competition at Government Women's Polytechnic, Bela Muzaffarpur. It features a pink background with a blue banner at the top. On the left, there is a red flag icon and the college's circular emblem. The main text is in white and blue. On the right, there is a circular portrait of the principal and a red box with the slogan 'The Hunt For The Smartest Young Minds.' Below the main text, there are two circular portraits of the coordinators and organizers. At the bottom right, there is an illustration of three women celebrating with their arms raised.

**GOVERNMENT WOMEN'S
POLYTECHNIC, BELA MUZAFFARPUR**

QUIZ TOPIC AWARENESS

ON INTERNATIONAL WOMEN'S DAY

Date: 25/03/2023
Time: 12 PM
Venue: Seminar Hall
First, Third & Fifth Semester
(EC, CSE, LIS, FP&P, CIGT & MOP)

**The Hunt For The
Smartest Young
Minds.**

Co-ordinator Dr. Vimal Kumar (Left)

Organiser Nisha (Right)

**Patron: Dr. Barun K. Prty
Principal, Govt
Muzaffarpur**

The participants displayed a high level of knowledge and understanding of the topics, showcasing their interest in and dedication to both science and women's rights. The competition was a great platform for students to learn more about these important topics and to showcase their knowledge in front of their peers.

In the end, the winners were announced and awarded prizes, and all participants were appreciated for their participation and effort. The quiz competition successfully fulfilled its objective of promoting awareness and understanding of World Women's Day and National Science Day among the college community.

Certificates were also awarded to the Top three performers of the Quiz Competition.

WORLD WATER DAY CELEBRATION

World Water Day is celebrated every year on March 22nd to raise awareness about the importance of freshwater and advocate for the sustainable management of water resources. The theme for World Water Day 2023 is "Accelerate Change," highlighting the urgent need for transformative action to ensure water security for all.



The poster for World Water Day 2023 features a central illustration of a small globe with green trees and a blue river. To the left is the circular logo of The Institution of Engineers (India). To the right is the official UN logo for World Water Day 2023, which includes a globe and the text "22 MARCH WORLD WATER DAY 2023 Accelerating Change".

The Institution of Engineers (India)
Muzaffarpur Local Centre

WORLD WATER DAY
DATE : 22nd MARCH 2023
TIME : 08 PM

Seminar on
Theme : "Accelerating Change"

Venue: Government Women's Polytechnic, Muzaffarpur

The institution of engineers organized a program on world water day on 22nd of March.

Water is a vital resource for human health, food security, and economic development. However, the increasing demand for water, coupled with climate change, has led to water scarcity in many regions around the world. According to the United Nations, by 2050, nearly half of the world's population could be facing water shortages.

WORLD WATER DAY CELEBRATION

The World Water Day celebration on "Accelerate Change" aims to galvanize action towards achieving water security and sustainable management of water resources. This can only be achieved through a collective effort by governments, private sector, civil society, and individuals.

Governments have a critical role to play in promoting policies and regulations that promote water conservation and sustainable management. This can include investments in water infrastructure, promoting water reuse, and implementing water-efficient technologies. Private sector companies can also contribute by adopting sustainable water practices in their operations, reducing water use, and investing in water conservation initiatives.



WORLD WATER DAY CELEBRATION



Civil society can also play an important role in advocating for the sustainable management of water resources. This can include raising awareness about water conservation, promoting community-based water management, and supporting policies that prioritize water security.

Individual actions can also make a significant impact on water conservation. Small changes in daily behavior, such as taking shorter showers, fixing leaks, and reducing water use in gardening, can go a long way in reducing water.

The program was also hosted on DD Bihar Channel.



CERTIFICATE



KALAL KUMARI

Figure 1

Figure 1

[illegible]

TANU KUMARI

For a complete list of authors, see the backmatter.

1000

Abstract

MEDIA

मुजफ्फरनगर 29-03-2023

युवा-शिक्षा
युवा-शिक्षा में नए मापदंडों को
मजबूत करने के लिए
महिला पॉलीटेक्निक में
नए मापदंडों को मजबूत करने के लिए

युवा-शिक्षा

महिला पॉलीटेक्निक में दो नए छात्र शुरू होंगे, बढ़ेंगी सीटें

मुजफ्फरनगर में महिला पॉलीटेक्निक में 30-40 सीटें नए छात्रों के लिए बढ़ाई गई हैं।

मुजफ्फरनगर में महिला पॉलीटेक्निक में 30-40 सीटें नए छात्रों के लिए बढ़ाई गई हैं।



जल दिवस पर महिला पॉलीटेक्निक में संमेलन
मुजफ्फरनगर में महिला पॉलीटेक्निक में जल दिवस पर संमेलन का आयोजन किया गया।



STUDENTS' DESK

SKETCHING AND DRAWING



Name - Manisha Sharma
Semester - 1st
Branch - EC



Name - Raj Nandani
Semester - 1st
Branch - EC



Name - Sandhya Kumari
Roll no - 17
Branch - CSE

STUDENTS' DESK

SKETCHING AND DRAWING



Name - Shruti Jha
Semester - 5th
Branch - CSE



Name - Shamya Shilpi
Semester - 3rd
Branch - CSE



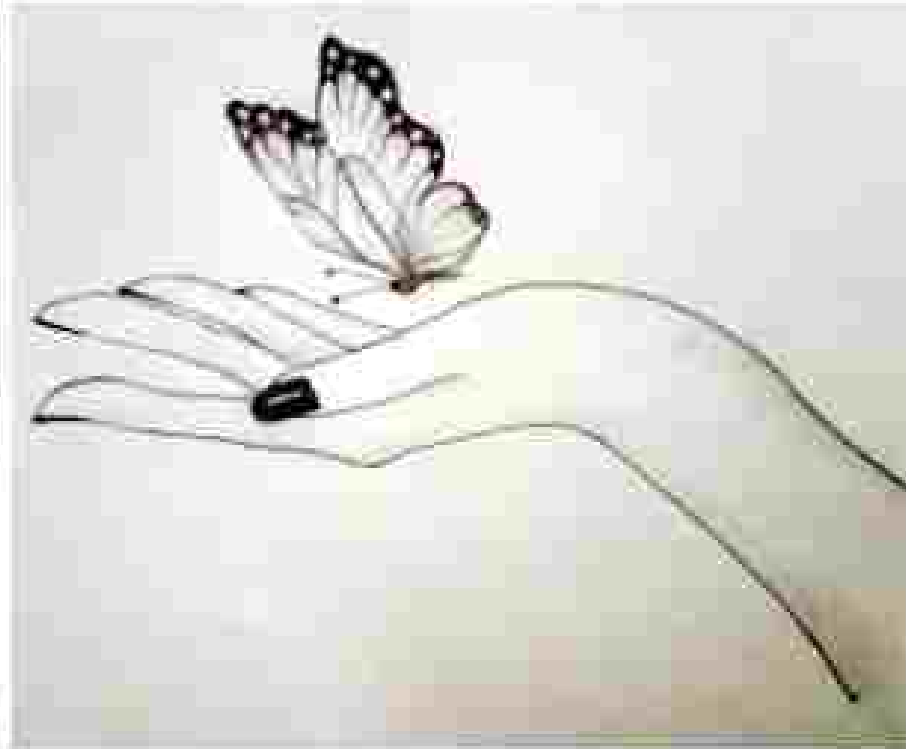
Name - Sanjana
Semester - 1st
Branch - C.D.G.T

STUDENTS' DESK

SKETCHING AND DRAWING

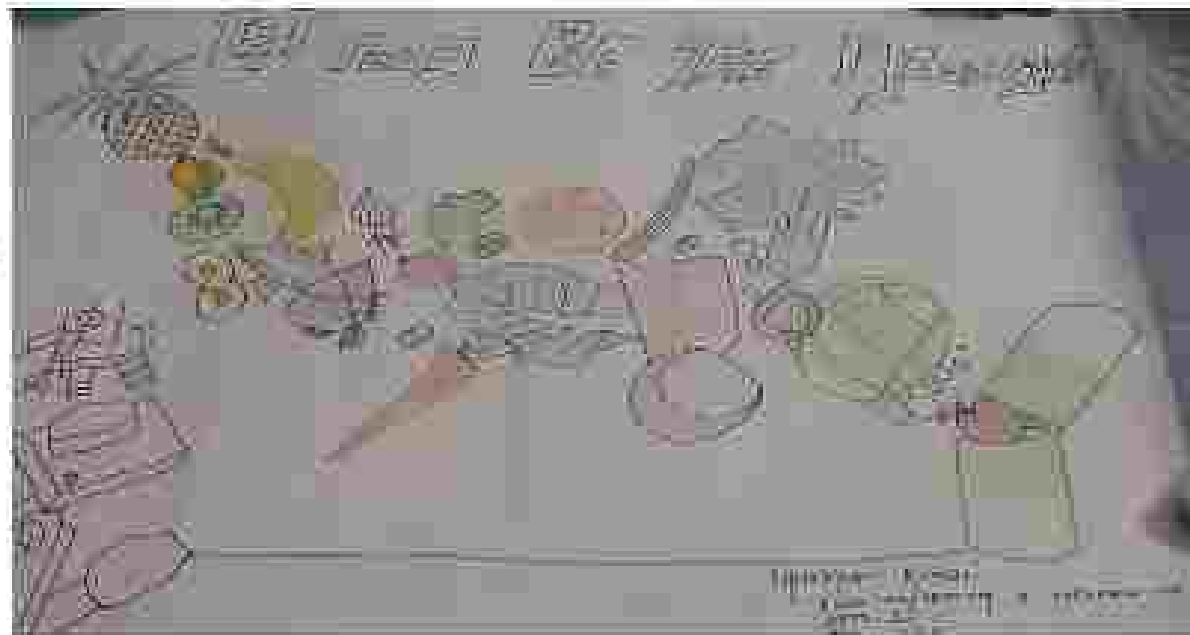


Name - Sonam
Semester - 1st
Branch - CSE



Name - Shruti
Semester - 2nd
Branch - CSE

Name - Guriya Kumari
Semester - 1st
Branch - EP&P



STUDENTS' DESK

POETRY

११ मिलने कुही को मिलती है जिसके
अपनी में जान होती है ।
पैलो से कुछ नहीं होता ।
हँसती से उड़ान होती है ।

१२ सफलता की परिभाषा
खुद से वादा
मजबूत इरादा
मेहनत ज्यादा

१३ सफलता आपका परिचय
दुनिया को करवाती है ।
जबकि असफलता आपको दुनिया
का परिचय करवाती है ।

जब तक जीना
तब तक सीखना
शानि अनुभव ही जगत
से
सर्वश्रेष्ठ शिक्षक है ।
— स्वामी विवेकानंद

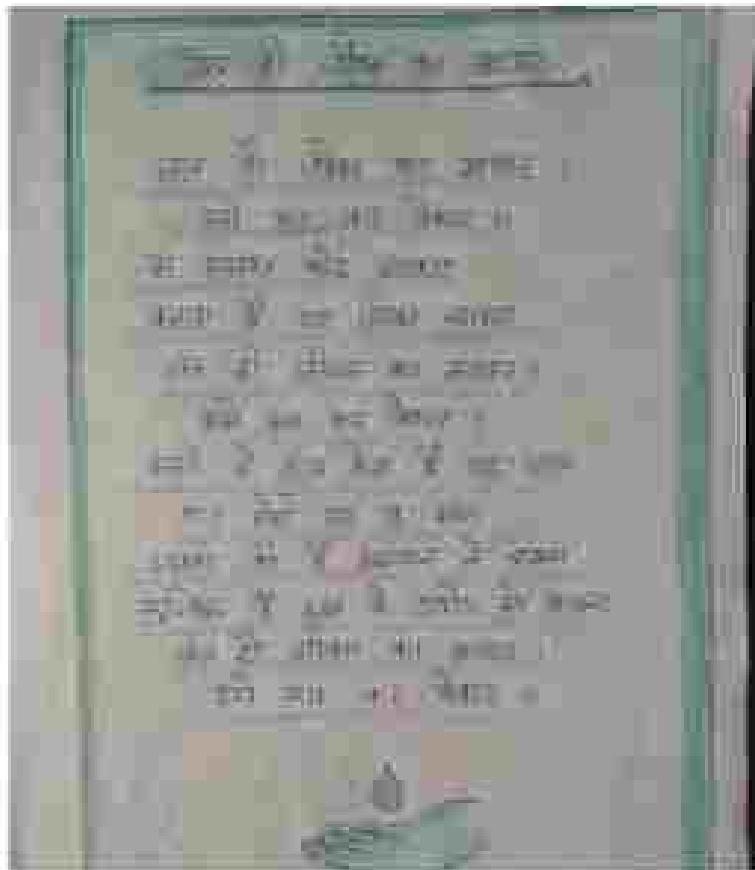
Name - Shivani Kumari

Roll no - 29

Branch - CSE

STUDENTS' DESK

POETRY



Name - Harshali
Semester - 5th
Branch - E.C



Name - Nidhi Kumari
Semester - 3rd
Branch - E.C

FUN AND LEARN

WATER

Fun Facts about Water



75%

OF THE HUMAN
BRAIN IS WATER



70,000 TONS

THE HUMAN BODY IS MADE UP OF 75% WATER

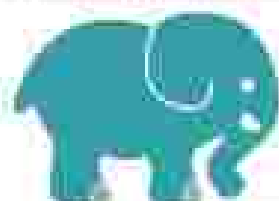


80%

THE AVERAGE PERSON
CONSUMES 100 GALLONS
TO TAP WATER



65%
ADULT'S
BODY
IS MADE UP OF
WATER



AN ELEPHANT
CAN DRINK
500 GALLONS
OF WATER



75%



95%

WATER



70%
EARTH'S
SURFACE
IS WATER



2.5 LITERS
PER DAY

Dewatering is the process of removing water from solid materials and soil.



400 BILLION

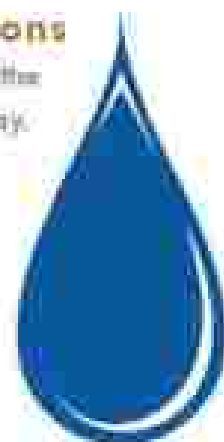
Approximately
400 billion gallons
of water are used in the
United States per day.



Deep wells typically consist of boreholes fitted with slotted linings and electric submersible pumps.



Only **3%** of Earth's
water is fresh water.



About **40%** of the US population
uses groundwater as drinking water.



GALLERY



GALLERY



GALLERY



THANK YOU

I am so happy for you. Wishing you all the very best in life. There are lots of exams you need to go through to get your aim; successes and losses come and go, but your dedication and hard work will always be with you to lead you towards a step ahead. You are the person who can change the world.

**EDITOR
NIDHI**

**TO BE
CONTINUED**