



CAITEE

e-newsletter (yearly): 2024

Government Polytechnic for Girls, Surat

DIRECTORATE OF TECHNICAL EDUCATION, GUJARAT STATE



VISION

- ❖ To become a premier diploma engineering institute that empowers girls to excel in industry and serve the society.

MISSION

- ❖ To strive for academic excellence and professional competence among students and staff.
- ❖ To create a conducive campus environment for exchange of ideas and knowledge.
- ❖ To initiate and adopt policies for skill development and innovation with emphasis on entrepreneurship.
- ❖ To provide the best resources and infrastructure

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FROM THE DESK OF PRINCIPAL...



Dear Students, Parents and Faculties,

I hope this message finds you all in great health and high spirit as we continue to embrace new challenges and opportunities in the academic year.

It has been a period of remarkable growth and progress for our institute, and I am proud of the collective effort we've all put in to ensure that our educational standards remain high, while also fostering an environment that nurtures creativity, curiosity, and personal growth. Our faculty continues to inspire students, and our students continue to amaze us with their dedication, resilience, and passion for learning.

As we move forward into the coming months, I encourage all our students to maintain their focus on their academic goals, seek out opportunities for growth, and engage in the vibrant campus life that our institute offers. I would also like to take this opportunity to express my gratitude to our parents for their continued support and involvement in our school community. Together, we can make a meaningful impact on the success and well-being of our students.

Let us all stay committed to the values of excellence, integrity, and respect, and continue working collaboratively towards a brighter future.

Thank you for your unwavering commitment and support.

Warm regards,

Mr. Jignesh M. Joshi

Principal (HOD Computer)

Government Polytechnic for Girls, Surat

FROM THE PEN OF EDITOR



Dear Esteemed Readers,

As we bid farewell to another fruitful year, it is with great pride and enthusiasm that we present the annual edition of our e-newsletter. This publication stands as a testament to the collective achievements, relentless dedication, and intellectual vigor that have shaped the journey of our esteemed institution over the past year.

Within these pages, you will find an array of stories that highlight the perseverance of our students, the unwavering support of our faculty, and the innovative strides we continue to make in the field of engineering education. From groundbreaking projects to academic excellence, our institute has once again demonstrated its unwavering commitment to fostering an environment where learning, growth, and curiosity flourish.

In this year's edition, we not only celebrate the milestones reached but also reflect on the lessons learned and the challenges overcome. Our students have exemplified resilience and creativity in their endeavors, while our faculty has continued to inspire and guide with unwavering dedication. Together, we have upheld the values that make this institution a beacon of engineering education, preparing our graduates to thrive in an ever-evolving world.

As you peruse the articles, achievements, and insights, we trust that you will feel the pulse of progress that defines our institute. This newsletter is a tribute to the hard work and vision that continues to drive us forward, and a reminder of the enduring legacy of excellence that we are proud to uphold.

We extend our heartfelt gratitude to all those who have contributed to the success of this institution. We look forward to another year of growth, innovation, and the realization of new aspirations.

Happy reading!

With warm regards and best wishes for the year ahead,

Dr. Vaishali S Biradar

Lecturer – English (GES – Class – II)

Government Polytechnic for Girls, Surat

GYMKHANA ACTIVITIES

The Gymkhana at our institution has played a pivotal role in fostering an environment of holistic development, beyond academics, for our students. The year 2024 witnessed a myriad of engaging events that catered to various aspects of student life — from sports and cultural activities to social awareness and national celebrations. Below is a detailed report on the events organized by the Gymkhana throughout the year:

1. Expert Talk on Awareness about Lifestyle Diseases

- **Event Type:** Women's Day Event
- **Date:** 7th March 2024
- **Expert:** Dr. Sanjay Shah
- **No. of Students Appeared:** Approx. 160

This insightful session focused on raising awareness about the growing concerns of lifestyle diseases, especially among women. Dr. Sanjay Shah's talk provided valuable information on preventive measures and the importance of maintaining a balanced lifestyle. The event saw a large turnout, with many students actively engaging in the discussion.



2. Sports Week - "Shaurya"

- **Event Type:** Sports
- **Date:** 26th March 2024 to 30th March 2024
- **Expert:** N/A
- **No. of Students Appeared:** All Students

The annual Sports Week, titled "Shaurya," was a week-long celebration of athleticism, team spirit, and fitness. The event provided students an opportunity to showcase their talents in a variety of sports, including track and field events, team sports, and individual challenges. The overwhelming participation from the student body made this event a resounding success.

Highlights:

- **Variety of Events:** The Sports Week featured a diverse range of sporting activities
1. Cricket
 2. Badminton
 3. Carom
 4. Sudoku
 5. Chess
 6. Tug of war

- **Inclusivity:** Participants of all skill levels were encouraged to join, fostering inclusivity and providing opportunities for everyone to engage in sports and physical fitness activities.
- **Inter-Departmental Competitions:** Various departments within the college competed against each other in friendly rivalries, adding an extra layer of excitement and spirit to the Competitions.
- **Community Engagement:** Spectators and supporters turned out in large numbers to cheer for their peers, creating a vibrant and energetic atmosphere throughout the week.
- **Sportsmanship:** Participants exhibited exemplary sportsmanship, showing respect for their opponents, and embracing the spirit of fair play and mutual respect.
- **Closing Ceremony:** The Sports Week concluded with a closing ceremony where winners were recognized and awarded for their achievements. It provided an opportunity to reflect on the successes of the week and celebrate the collective efforts of everyone involved.

"SHAURYA" MOMENTS OF GLORY

CRICKET



CHESS



"SHAURYA" MOMENTS OF GLORY

TAG OF WAR



SUDOKU



CARROM



BADMINTON



3. Annual Function - "Goonj"

- **Event Type:** Annual Day
- **Date:** 16th April 2024
- **Expert:** N/A
- **No. of Students Appeared:** All Students

Our Annual Function, "Goonj," was a grand affair that brought together students, faculty, and staff to celebrate the achievements and milestones of the academic year. The event featured a blend of cultural performances, award ceremonies, and speeches that reflected the collective spirit of the institute. It was a day of pride and joy for the entire institution.

MOMENTS OF "GOONJ"



4. Anti-Terrorism Day - Pledge Taking Ceremony

- **Event Type:** Anti-Terrorism Day
- **Date:** 21st May 2024
- **Expert:** N/A
- **No. of Students Appeared:** Approx. 80

In observance of Anti-Terrorism Day, a pledge-taking ceremony was held to raise awareness about the importance of peace, unity, and the role of individuals in combating terrorism. Approximately 80 students participated in this solemn event, where they took an oath to uphold national integrity and work towards a peaceful society.

5. International Yoga Day Celebration

- **Event Type:** Wellness and Health
- **Date:** 21st June 2024
- **Expert:** Art of Living Foundation, Surat
- **No. of Students Appeared:** Approx. 120

The International Yoga Day was celebrated with great enthusiasm, with an expert session conducted by the Art of Living Foundation from Surat. Students were introduced to various yoga postures and breathing exercises aimed at promoting physical and mental well-being. The event not only emphasized the importance of fitness but also underscored the need for mindfulness in daily life.

6. Awareness of Three Criminal Laws

- **Event Type:** Seminar
- **Date:** 1st July 2024
- **No. of Students Appeared:** Approx. 70

This seminar focused on educating students about three important criminal laws and their relevance in today's society. The session encouraged students to understand their legal rights and responsibilities, contributing to a well-rounded education. It was attended by around 70 students who gained valuable insights into the legal system.

7. Har Ghar Tiranga - Independence Day Celebration

- **Event Type:** National Celebration
- **Date:** 11th August 2024
- **No. of Students Appeared:** Approx. 240

In observance of India's 77th Independence Day, the "Har Ghar Tiranga" campaign encouraged students to take part in the national flag hoisting ceremony and celebrate the spirit of freedom. The event was well-attended by over 240 students, who participated with great enthusiasm in activities reflecting national pride and unity.

8. Navratri Celebration

- **Event Type:** Cultural
- **Date:** 10th October 2024
- **No. of Students Appeared:** All Students

The cultural event of Navratri was celebrated with much zeal and fervor. The students came together to perform traditional dances like Garba and Dandiya, celebrating the victory of good over evil. The vibrant decorations, music, and dance created an atmosphere of joy and cultural unity, making it a highly anticipated event for the student community.

9. Vikas Saptah (Development Week)

- **Event Type:** Awareness and Growth Activities
- **Date:** 7th October 2024 to 15th October 2024
- **No. of Students Appeared:** All Students

Vikas Saptah was a week-long event that focused on personal growth, development, and the enhancement of skills among students. Various workshops, seminars, and activities were organized to encourage students to explore new avenues for learning and development, both academically and personally. This initiative saw enthusiastic participation from all students.



10. Veer Bal Divas

- **Event Type:** National Celebration
- **Date:** 26th December 2024
- **No. of Students Appeared:** Approx. 130

Veer Bal Divas was observed to honor the bravery and sacrifice of the sons of Guru Gobind Singh Ji. The event included various activities, speeches, and a tribute to these martyrs, inspiring students with their courage and values. Around 130 students attended this commemoration, reflecting on the importance of valor and selflessness in service to the nation.

The Gymkhana activities throughout 2024 not only helped in enhancing the physical, mental, and cultural development of students but also instilled a sense of national pride, social responsibility, and personal growth. The participation and enthusiasm displayed by our students in each event demonstrate their commitment to becoming well-rounded individuals, ready to contribute meaningfully to society. The success of these events could not have been achieved without the active involvement of students, faculty, and event coordinators. We look forward to continuing this journey of excellence and personal development in the years to come.

Expert Lecture Program: Indian Nuclear Power Program & Process of Generation of Nuclear Energy Radiation

On 15th October 2024, our institution hosted an enlightening and informative expert lecture on the *Indian Nuclear Power Program & the Process of Generation of Nuclear Energy Radiation*. This lecture was aimed at giving students a deeper understanding of the technicalities and significance of nuclear energy in the context of India's power generation strategy.

The lecture was delivered by two distinguished experts in the field of nuclear energy:

- **Mr. Anu Hussen Solanki**, a Scientific Officer at the Nuclear Training Centre, Kakrapar, shared valuable insights into the various processes involved in the generation of nuclear energy, highlighting both the technological advancements and challenges in this domain. His expertise in nuclear science provided students with an in-depth understanding of the principles and applications of nuclear energy in India's power generation infrastructure.
- **Mr. Amol Chandrakar**, an Environment Safety Officer at NPCL Kakrapar, addressed the critical aspect of safety in nuclear power plants. He emphasized the importance of environmental protection and safety protocols, ensuring that nuclear energy production adheres to the highest standards of safety and sustainability.

The session was attended by 51 enthusiastic students from the 1st, 3rd, and 5th semesters of Electrical Department, who actively participated in the discussion. They gained valuable knowledge about the process of nuclear energy generation, the role of nuclear power in India's energy mix, and the safety measures necessary to maintain environmental and human health.

This expert lecture program proved to be a remarkable opportunity for students to engage with professionals from the nuclear energy sector, expanding their understanding of this crucial field in energy science.



Empowering Women in Entrepreneurship

A seminar on “Empowering Women in Entrepreneurship” was organized on 16 August, 2024 at the institute. Our guests - Miss Shriyam rajpurohi and MR Shariq Jootwala provided us with a clear vision for the world of women in business. Through this event, students like us gained a deeper understanding of the entrepreneurial landscape, the challenges women face, and the strategies for overcoming them. Thus, every student in attendance developed a strong foundation for supporting and empowering women entrepreneurs.



“Pichhwai” art Name plate Design Workshop

The workshop on “Pichhwai Art Name Plate designing” organized by the institute on 5 October, 2024 , aimed to have a hands-on experience of creating an article using an Indian art form, its benefits, and the innovative ideas to use it in various creative articles. **Mrs. Minal Jagani** – an Art expert teacher from Pidilite Ind. Surat delivered an introductory session on one of the renowned Indian “Pichhwai art”, the importance in shaping Indian culture. 64 Students gained hands on experience of creation of name plate using Pichhwai art. The whole program was coordinated by Mr. Pritesh Rana (Lecturer – Textile Design Department).



INTERNAL HACKATHON – SMART INDIA HACKATHON 2024

The Smart India Hackathon (SIH) is one of India's most prestigious innovation and problem-solving competitions, aimed at promoting student-led innovation. Following the guidelines provided by SIH 2024, SSIP (Student Start-Up and Innovation Policy) at GPG Surat successfully organized an **Internal Hackathon on 8th October 2024**. The event, held in Vivekanand Hall, witnessed active participation from 36 students across various engineering branches, who came together to develop solutions for a given problem statement outlined by SIH 2024.

The main objective of the event was to engage students in solving real-world problems through technology and innovation. Participants were required to register for the Smart India Hackathon, select a problem statement, and work towards formulating viable solutions. Adequate time was allotted for students to brainstorm, collaborate, and work on developing their ideas.

At the culmination of the event, students presented their innovative solutions to a panel of esteemed jury members, who provided valuable feedback based on key aspects such as:

- **Approach:** The methodology and thought process behind solving the problem.
- **Feasibility:** The practicality and scalability of the proposed solution.
- **Technology Used:** The technical tools and platforms leveraged to build the solution.
- **Potential Impact:** The possible benefits and applications of the solution in real-world scenarios.
- **Presentation Skills:** The clarity, communication, and persuasion of the students during the presentation.

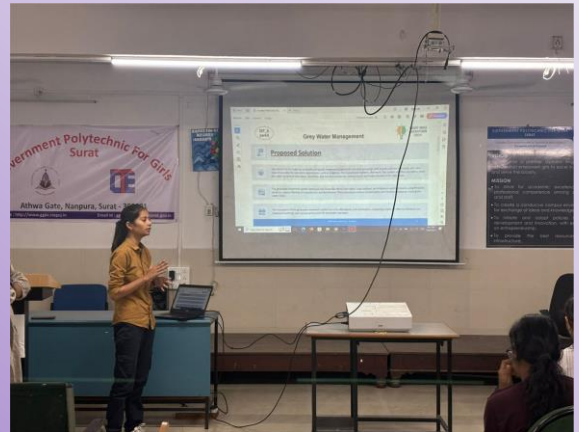
The evaluation panel comprised **expert academicians** and experienced professionals who brought a wealth of knowledge to assess the students' presentations. Their insightful feedback not only guided the students on how to refine their ideas but also offered them practical perspectives on the application of their solutions in the industry.



Events like the Internal Hackathon serve as a significant bridge between academic knowledge and real-world applications. By participating in such events, students not only enhance their technical skills but also gain insights into teamwork, problem-solving under time constraints, and the process of product development.

Through interactive sessions, presentations, and valuable feedback from the jury, attendees were equipped with practical wisdom to further refine their skills. They learned how to approach challenges with confidence, work collaboratively, and present their ideas clearly. This experience prepares students for future challenges, both academically and professionally, giving them a platform to demonstrate their innovation and entrepreneurial potential.

The **Internal Hackathon – Smart India Hackathon 2024** at GPG Surat was a resounding success, fostering an environment of innovation, collaboration, and practical learning. The event not only encouraged students to think critically and creatively but also helped them develop a deeper understanding of how technology can be used to solve real-world problems. We congratulate all the participants for their efforts and innovation, and we look forward to more such events that continue to inspire and empower students to achieve excellence.



Awareness Program: "Concept 2 Consumer: The Journey of Idea Commercialization"

On **April 22nd, 2024**, SSIP (Student Start-Up and Innovation Policy) at GPG Surat successfully organized an enlightening awareness program titled **"Concept 2 Consumer: The Journey of Idea Commercialization."** Held at Vivekanand Hall, the event provided an insightful exploration of the critical journey that entrepreneurs undertake to transform their ideas into successful business ventures.

The principal aim of the event was to introduce students to the intricate process of idea commercialization, emphasizing the various stages that an idea must go through to evolve into a profitable business. The event focused on key aspects of the entrepreneurial journey, covering crucial topics such as:

- **Idea Validation:** Understanding how to assess whether an idea is viable and marketable.
- **Prototyping:** The steps involved in creating a tangible prototype to test and refine the idea.
- **Team Building:** Strategies to assemble the right team to bring an idea to fruition.
- **Legal Considerations:** Navigating the legal aspects of starting a business, such as intellectual property, contracts, and licenses.
- **Financial Management:** The fundamentals of budgeting, funding, and managing finances in the early stages of a startup.
- **Marketing Strategies:** Effective ways to market and promote a product or service to target consumers.
- **Sustainable Growth:** How to scale a business while ensuring long-term success and sustainability.

Guest Speakers:

1. **Maitri Jariwala** – Founder of **Kalla**
2. **Bhumi Shah** – Co-Founder of **Onespace Interior** and **One Plus 1 Studio**
3. **Zankhana Jadhav** – Founder of **Navatā**

These speakers brought unique perspectives and invaluable insights, showcasing the transformative power of entrepreneurship across various sectors.

The program was designed not only as a seminar but as an interactive experience, where students could engage with real-world entrepreneurial challenges. Expert speakers shared their experiences and insights on how to transform innovative ideas into commercially viable products and services. Through engaging discussions and practical tips, the event provided valuable guidance for students looking to embark on their entrepreneurial journeys.

Events like **"Concept 2 Consumer"** bridge the gap between academic learning and real-world application. This program equipped students with the essential tools and knowledge to navigate the fast-evolving world of startups. Attendees were able to grasp the complexities of commercialization and gained practical wisdom on how to take their ideas from concept to market.

The session allowed students to understand not only the technical and business aspects of creating a startup but also the mindset required to overcome challenges, validate ideas, and make strategic decisions. Through interactive sessions, participants gained clarity on the steps involved in starting a business, from conceptualizing an idea to reaching consumers.

The **"Concept 2 Consumer: The Journey of Idea Commercialization"** awareness program at GPG Surat was a resounding success, offering students valuable insights into the entrepreneurial world. By providing a detailed roadmap of the commercialization process, the event served as a stepping stone for students aspiring to launch their own startups.

We extend our heartfelt gratitude to all the experts who shared their knowledge and experience, as well as to the students who actively participated in the sessions. The event has undoubtedly contributed to empowering the next generation of entrepreneurs with the tools they need to succeed in a competitive market.

SSIP, GPG Surat, remains committed to creating more such platforms where students can enhance their entrepreneurial skills and explore the path of innovation and business growth. Government Polytechnic for Girls, Surat, has consistently strived to offer a holistic learning experience to its students through a range of workshops, seminars, and awareness programs. The year 2024 witnessed several such events that enhanced students' technical, creative, and entrepreneurial skills, contributing to their overall growth and development. Below is a detailed report on the various events organized across different departments at the institute.



SARJANA-2024: Leather Puppetry Art Painting

- **Department:** Textile Design Department
- **Event Type:** Workshop
- **Expert:** Mrs. Minal Jagani
- **Date:** 16th March 2024
- **Number of Students Appeared:** 34

The SARJANA-2024 workshop introduced students to the traditional art of leather puppetry and painting. Led by **Mrs. Minal Jagani**, the workshop provided participants with hands-on experience in creating leather puppets, showcasing the intersection of creativity and craftsmanship. Students learned the nuances of this unique art form, broadening their understanding of cultural heritage and artistic expression.

SSIP 2.0 Awareness Program-2024

DCE-SSIP 2.0 Awareness Program-2024

- **Department:** Computer Department
- **Event Type:** Seminar
- **Experts:** Mr. Naman Khandelwal, Mr. Harsh Shah
- **Date:** 30th July 2024
- **Number of Students Appeared:** 111

The **DCE-SSIP 2.0 Awareness Program** aimed to educate students about the Student Start-Up and Innovation Policy (SSIP) and the opportunities it offers for budding entrepreneurs. The seminar, conducted by **Mr. Naman Khandelwal** and **Mr. Harsh Shah**, highlighted the importance of innovation, incubation, and the support available for start-ups. It encouraged students to pursue entrepreneurial ventures and utilize the resources available to turn their ideas into reality.

DEC/DICT-SSIP 2.0 Awareness Program-2024

- **Department:** EC Department
- **Event Type:** Seminar
- **Expert:** Mr. Nitesh Gamit
- **Date:** 16th August 2024
- **Number of Students Appeared:** 72

This **SSIP 2.0 Awareness Program** targeted students of the Electronics and Communication Department, helping them understand the benefits and processes involved in the SSIP scheme. **Mr. Nitesh Gamit** led the session, focusing on how students can leverage the initiative to work on innovation, start-ups, and technological solutions, thereby fostering entrepreneurship among future engineers.

. DEE-SSIP 2.0 Awareness Program-2024

- **Department:** Electrical Department
- **Event Type:** Seminar
- **Expert:** Mr. N B Kantharia
- **Date:** 2nd August 2024
- **Number of Students Appeared:** 20

The **DEE-SSIP 2.0 Awareness Program** was held for the Electrical Department students, offering them an in-depth understanding of the **SSIP 2.0** policy and its relevance to their fields. **Mr. N B Kantharia** guided students through the steps of creating innovative solutions, stressing the importance of electrical engineering in modern technological advancements.

DIT-SSIP 2.0 Awareness Program-2024

- **Department:** IT Department
- **Event Type:** Seminar
- **Expert:** Mr. Pragnesh Patel
- **Date:** 2nd August 2024
- **Number of Students Appeared:** 57

The **DIT-SSIP 2.0 Awareness Program** for the IT Department emphasized the importance of digital innovation and how SSIP can assist in creating impactful technological solutions. Under the guidance of **Mr. Pragnesh Patel**, students were introduced to various resources available for start-ups, from funding to mentorship, encouraging them to take the initiative in the rapidly evolving tech landscape.

DAA-SSIP 2.0 Awareness Program

- **Department:** Architecture Department
- **Event Type:** Seminar
- **Date:** 2nd September 2024
- **Number of Students Appeared:** 44

The **DAA-SSIP 2.0 Awareness Program** catered to architecture students, focusing on how SSIP 2.0 could enhance their ability to innovate within the field of architecture and urban planning. This seminar provided insights into integrating sustainable design practices and new technologies, motivating students to create innovative solutions that contribute to better living environments.

. DTD-SSIP 2.0 Awareness Program-2024

- **Department:** Textile Design Department
- **Event Type:** Seminar
- **Expert:** Mr. Pritesh Rana
- **Date:** 12th August 2024
- **Number of Students Appeared:** 48

The **DTD-SSIP 2.0 Awareness Program** was an important seminar for the students of Textile Design, led by **Mr. Pritesh Rana**. The session focused on the potential of SSIP 2.0 in supporting students in textile innovation, sustainable design, and entrepreneurship in the fashion and textiles industry. Students were encouraged to explore new avenues within the textile domain through innovation and creative design.

Android Workshop 2024: Google Map API and Firebase Connectivity

- **Department:** IT Department
- **Event Type:** Workshop
- **Experts:** Mr. Pragnesh Patel, Mr. Roshna R. Rohit
- **Date:** 19th October 2024
- **Number of Students Appeared:** 43

The **Android Workshop 2024** provided students with hands-on experience in building Android applications using **Google Map API** and **Firebase Connectivity**. Conducted by **Mr. Pragnesh Patel** and **Mr. Roshna R. Rohit**, the workshop was designed to help students develop functional, location-based Android apps and integrate real-time databases with Firebase. The practical knowledge gained in this session will assist students in creating robust applications for various industries.

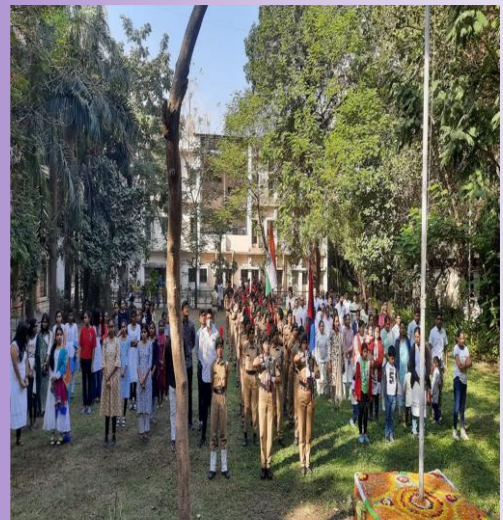
Throughout 2024, **Government Polytechnic for Girls, Surat** hosted a series of impactful events that contributed significantly to the academic and professional development of its students. These seminars, workshops, and awareness programs offered valuable opportunities for students to explore the world of start-ups, innovation, technology, and design. By engaging with experts in their respective fields, students gained practical insights into various industries and learned how to harness the available resources for entrepreneurial success. The institute continues to empower its students through such initiatives, shaping them into forward-thinking professionals ready to excel in their careers.

NSS & NCC Events

Republic Day Celebration

On the occasion of “Republic Day”, GGP, Surat has celebrated its 75th Republic Day on January 26, 2024. In which NCC students from GGP, Surat as well as Dr. S. and S. S. Gandhi Students marched and made a parade. The flag hosting was done by Shree R. T. Gamit. He also gave a speech on the history of Republic day and importance of it.

The National Anthem and National song was sung by all the attendees. At that time the atmosphere of college was filled by patriotism and enthusiasm. After that, faculty of our college Mr. Naman khandelwal sang beautiful patriotic songs. The campus was filled by the aura of the patriotism all around as the patriotic songs were sung by students too.



Free Dental Check-up Camp

The "Free Dental Check-up Camp" event, engaging 69 students and 2 faculties, organized on 17 February, 2024, anticipates participation from a diverse group, including students, teachers, and community members, all eager to prioritize their oral health. Led by experienced dentists, the event offers comprehensive dental check-ups and educational workshops. This inclusive approach ensures that both students and teachers alike gain valuable insights into proper oral hygiene practices, fostering a culture of health and wellness within the educational community. The main expert was Dr. Nirali Vansiya (BDS Dental Surgeon ,Teeth care and Treatment Adajan) and her two assistants - Poonamben Khatiwala and Sushmaben Zaveri.

The team worked on the specific findings during the camp such as - Malaligned Teeth, Grossly decayed teeth, Dental calculus & Tarter, Impacted Teeth Extraction, Root canals Treated Teeth and Dental Fillings.



“Thalassemia Test Drive and Awareness programme”

Red Cross Society, Gujarat Surat state branch and NSS unit of Government polytechnic have organized “Thalassemia Test Drive and Awareness programme” on 28/02/2024 for the students of 2nd semester. In this programme, total 425 students have given blood test for thalassemia. Along with thalassemia test, sickle cell and Anaemia testing was also done.

The main purpose of this programme was to do testing of all students and spread awareness about thalassemia which is an inherited blood disorder that causes body to have less haemoglobin than normal



“Fort Explorer: Unlocking the Secrets of the Past”

As a part of the National Service Scheme (NSS) event, 41 enthusiastic NSS volunteers along with 3 faculty members from Government Polytechnic for Girls, Surat, embarked on a journey to explore the rich historical heritage encapsulated within the Fort of Surat on 2 March, 2024.



Tree plantation

Tree plantation programme 2024, organized by the NSS Unit of Government Polytechnic for Girls, Surat, was held on the 31th of July 2024 at front parking area. The event aimed at promoting environmental awareness and sustainability. This event was a part of our on-going commitment to fostering a green and healthy campus, while also encouraging students, faculty, and the community to take an active role in environmental conservation. Participants enthusiastically planted a variety of trees, contributing to a greener future and reinforcing the importance of ecological responsibility. The event not only beautified our campus but also educated attendees on the vital role trees play in our ecosystem. We are grateful for the support and participation, which made this initiative a resounding success. Together, we are taking steps toward a sustainable future.



Eye check-up camp

The Eye check up camp was organized in collaboration with Dr. Soham D. Dave, DR. DAVE Eye Hospital. This camp was organized in two phase so that some department students can participate in one phase and others on second phase. Eye check up camp phase-I at 25th April 2024 and Eye check up camp phase-II at 2nd May 2024.

A team of experienced ophthalmologists and optometrists from the partnering hospital conducted the eye check-ups. The camp was held in girl's hostel building ground floor at the institute, and was open to all students, faculty, and staff. Participants underwent a comprehensive eye examination, including visual acuity test, refraction, Distance Vision, Near Vision, Colour Vision.



“NCC Orientation”

We have organised an event called “NCC Orientation” for 2024 admitted students of all the departments on 6 August, 2024. NCC cadets had given basic introduction about NCC, importance of NCC in personal growth to all. So that interested students can join the NCC. They provided brief to each class and laboratory during laboratory hours. Physical verification and interview will be done afterwards.



Notebook and Stationary distribution Pogram

Notebook and Stationary distribution Pogram was organized at Umbhel Village on 14 August, 2024 in which the NSS/ NCC team did a responsible contribution



Ek Rakhi Fauji Ke Naam

Ek Rakhi Fauji Ke Naam event, organized by the NSS Unit of Government Polytechnic for Girls, Surat, was held on the 9th of August 2024 at Vivekananda Hall. The event aimed to send Rakhi along with best wishes to soldiers of India. This event was aimed at encouraging students, faculty, and the community for patriotism and paying respect and tribute to our soldiers on the occasion of Rakshabandhan. In this event our college worked with 'I Support Foundation', Surat. Mr Bipin ghoghari and team from 'I Support Foundation' also motivated the participants. All the participants enthusiastically contributed to send best wishes to Indian soldiers along with sacred thread Rakhi. We are grateful for the support and participation, which made this initiative a success.



Independence Day Celebration

Independence Day was celebrated with great enthusiasm and respect at Ground of Government Polytechnic for Girls on 15-August-2024. This Event was hosted by Faculty of Computer Department. In this Celebration Principal of our Institute came with NCC cadets, To commemorate the sovereignty of our nation, Mr.J.M.Joshi , Principal of GGP Surat, initiated the flag hoisting and all in students, staff and NCC cadets sang the National Anthem to pay homage to the nation. The student and staff of our institute sang the patriotic song.

Mr.J.M.Joshi , Principal of GGP Surat, addressed in his speech that how India got independence; it is the day when we got freedom from the British rule after many years of hard struggle by the great freedom fighters of India. And At the End of this Event Refreshment is organized by institute to attendant.



Seminar on 'Personal Grooming'

A seminar on 'Personal Grooming', as a part of NSS Day Celebration, was organized by the institute on 24 Spetember, 2024 in which Dr. Darshan Marzadi, National Trainer at JCI, Surat, served as the expert who shared his valuable and beneficial thoughts with the faculties and students.



Finishing School

A comprehensive 80-hour Finishing School Training Program was conducted from 29 January 2024 to 21 February 2024 for the Final Year students across multiple branches at the institute. The primary objective of this program was to enhance students' employability quotient and equip them with essential life and functional skills. Ms. Dhara Vaghasiya conducted sessions for *Functional English Skills* focusing on communication proficiency and workplace language essentials. Mr. Shahezad Bodila led the *Life Skills and Employability Skills* modules, emphasizing interpersonal development and job readiness. 55 students from different departments took benefit from the program.

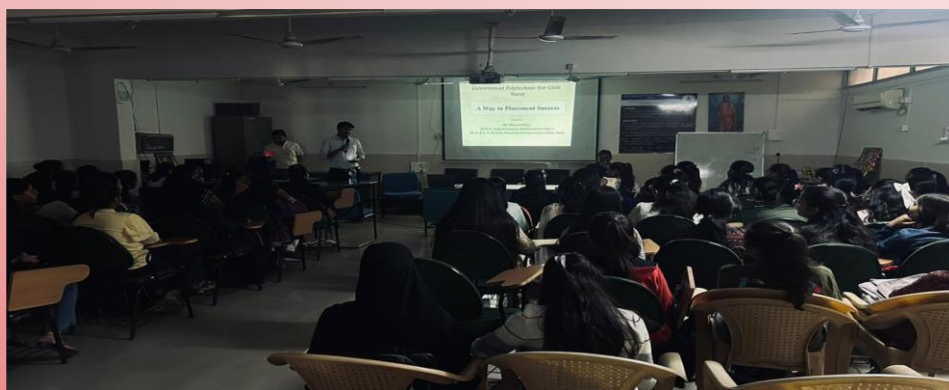
The Finishing School Training Program provided students with an invaluable platform to develop essential skills for their future careers. The efforts of the trainers and active participation of students ensured the program's success. It is recommended to continue and expand such initiatives for future batches to further enhance employability and personal development.



Training and Placement

Seminar on “A Way to Placement Success”

A seminar “A Way to Placement Success” was organized by the institute on 20th January, 2024 for all the aspirant students during which Dr. Bhavesh Rana. The seminar benefitted 82 students from various departments



Jobinar on “Careers in Artificial Intelligence”

A jobinar “Careers in Artificial Intelligence” was organised for the Computer Engineering students on 8 February, 2024 during which Mr. Pankaj Doke shared his valuable and beneficial point of views with the students and 110 students participated in the event.

STTP

Short Term Training Program on “AI in Academics” was organized by the institute from 19 February to 23 February, 2024 for all department faculties. 30 faculties from different institute participated into it and benefitted from it. Mr. Shubhamkumar Gupta, Mr. Nitinkumar S Birari, Mr. Darshan Chauhan, Mr. Viral M Prajapati, Mr. Roshan Rohit, Mr. Rajesh Pradhan, Dr. Jenish Dhanani and Dr. Dipen Contractor shared their immense knowledge and made the event constructive and favourable for all.



General Department's initiative

- Dr. Vaishali S Biradar has organized a seminar on 3 October, 2024 for 4th and 6th Semester Hostel students on Interview Skills in which she discussed various interview questions and how to answer them with hostel students. 32 students benefitted from the program.
- She has, also, organized a seminar on 5 October, 2024 for 4th and 6th Semester Hostel students on Résumé Writing during which she shared various formats résumé and encouraged the students to prepare their own résumé for the future job purpose. Many students received new ideas from the shared formats and prepared copies of their own.
- She has, yet, organized another seminar on 8 October, 2024 for 4th and 6th Semester Hostel students on Personality Development Skills during which she shared her knowledge regarding how to develop personality skills and become a career oriented personae. The discussion session after the seminar seemed to be more advantageous for the students who want to prepare themselves for various future endeavours.
- To celebrate the National Mathematics Week – 2024, the institute has organized the program from 19 December, 2024 to 23 December, 2024 in which Ms. Nimisha S Patel and Mr. Nitin P Patel were coordinators and Dr. Vaishali S Biradar and Dr. Mitesh J Joshi played the role of facilitators for the program. Various events were planned and executed such as Srinivasa Ramanujan's contribution in the field of Mathematics' development, Screening the movie on his life, and Poster presentation program, etc. during the whole week. The event was organized to celebrate the genius of Srinivasa Ramanujan and promote the spirit of Mathematics in our institution. 182 students participated and benefitted from the program.

Teacher's Day Celebration

Different departments of the institute celebrated the Day with gusto on 5 September, 2024 in various ways such as cutting cakes, students taking roles of various teachers to teach during the lecture – lab sessions for the whole day.



Trainings/MOOCs/FDPs/Workshops:

- ❖ Ms. Jigna Desai attended industrial training at L&T from July 8 to July 29, 2024.
- ❖ Mr. Pragneshkumar Patel participated in industrial training at L&T from July 8 to July 29, 2024.
- ❖ He attended the "AI in Academics" workshop at GGP Surat from February 19 to February 23, 2024.
- ❖ Mr. Roshankumar Rohit completed a MOOC on "Cloud Computing" through NPTEL from January 22 to April 12, 2024.
- ❖ He attended industrial training at L&T from July 8 to July 29, 2024.
- ❖ Mr. Vilasbhai Vasava completed a MOOC on "Blockchain and its Application" through IITM from January 22 to April 12, 2024.
- ❖ He attended the "AI in Academics" workshop at GGP Surat from February 19 to February 23, 2024.
- ❖ He participated in industrial training on basic telecom at BSNL from October 28 to November 16, 2024.
- ❖ Mr. Rajeshkumar Pradhan attended industrial training on "Integration of IT in Dairy Technology" at Sumul Dairy from December 16, 2024, to January 4, 2025.
- ❖ Mr. A.D. Dobariya participated in industrial training at BSNL, Surat, from July 15 to August 3, 2024.
- ❖ Mr. D.U. Patel attended basic telecom training at BSNL, Valsad, from October 28 to November 16, 2024.
- ❖ Mr. G.R. Gajjar attended industrial training at BSNL, Surat, from July 15 to August 3, 2024.
- ❖ Mrs. J.R. Patel participated in industrial training on "Integration of Electronics & Communication Engineering in Dairy Technology" at Sumul Dairy, Surat, from July 8 to July 28, 2024.
- ❖ Ku. P.A. Patel participated industrial training on "Integration of Electronics & Communication Engineering in Dairy Technology" at Sumul Dairy, Surat, from July 8 to July 28, 2024.
- ❖ Mr. R.P. Hun attended industrial training on "Integration of Electronics & Communication Engineering in Dairy Technology" at Sumul Dairy, Surat, from July 8 to July 28, 2024.
- ❖ Ku. I.M. Mistry attended the industrial training on "Integration of Electronics & Communication Engineering in Dairy Technology" at Sumul Dairy, Surat, from July 8 to July 28, 2024.
- ❖ Mr. D.Y. Vankawala participated in the industrial training on "Integration of Electronics & Communication Engineering in Dairy Technology" at Sumul Dairy, Surat, from July 8 to July 28, 2024.
- ❖ Ku. H.R. Mehta attended the industrial training at Hydro Power Station, Kevadiya " from July 8 to July 28, 2024.
- ❖ Mr. K.F. Chaudhari attended industrial training at Thermal Power Station, Ukai, from July 15 to August 4, 2024.
- ❖ Mr. N.N. Gamit participated in the "Train the Trainer Programme on Effective Implementation of NEP 2020" hosted by NITTTR, Chandigarh, from October 14 to October 18, 2024.
- ❖ Mr. V.R. Dodiya attended industrial training at BSNL, Surat, from October 28 to November 16, 2024.
- ❖ Ku. K.R. Chaudhari participated in the industrial training at BSNL, Surat, from October 28 to November 16, 2024.
- ❖ Mr. N.N. Gamit also attended the industrial training at BSNL, Surat, from October 28 to November 16, 2024.
- ❖ Ku. K.R. Chaudhari attended the "AI in Academics" workshop at Government Polytechnic for Girls, Surat, from February 19 to February 23, 2024.
- ❖ Ms. Krupalben Gaurav Patel participated in the "AI in Academics" workshop at GGP, Surat from February 19 to February 23, 2024.
- ❖ She, also, participated in industrial training at L&T MHI Power from July 8 to July 27, 2024.
- ❖ Ms. Mona Mohanbhai Umaria participated in the "AI in Academics" workshop at GGP, Surat from February 19 to February 23, 2024.
- ❖ She, also, attended the training at Kottex Industries Pvt. Ltd from July 8 to July 27, 2024.
- ❖ Ms. Mona Mohanbhai Umaria also completed the a MOOC on "Computer Networks and Internet Protocol" through NPTEL-AICTE (IIT Madras) from January to April 2024.
- ❖ Ms. Khyati Hasmukhbhai Patel participated in the "AI in Academics" workshop at GGP, Surat from February 19 to February 23, 2024.
- ❖ She, also, participated in an industrial training at BSNL, Valsad, from October 28 to November 16, 2024.
- ❖ Ms. Urvashi Rameshchandra Patel also attended the "AI in Academics" workshop February 19 to February 23, 2024.
- ❖ She, also, attended the the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore from January to April 2024.
- ❖ She, also, participated in an industrial training at Sumul Dairy, Surat from October 28 to November 21, 2024.

- ❖ Mr. Nitin Shankarbhai Birari participated in the the "AI in Academics" workshop February 19 to February 23, 2024.
- ❖ He, also, attended industrial training at BSNL, Surat, from July 8 to July 27, 2024.
- ❖ Mr. Jigish Harishkumar Rana attended an industrial training at BSNL, Surat, from July 8 to July 27, 2024.
- ❖ Mr. Harsh Milindkumar Shah participated in the industrial training at BSNL, Surat, from July 8 to July 27, 2024.
- ❖ Ms. Artiben Narendrabhai Chauhan, also, also attended the industrial training at BSNL, Surat, from July 8 to July 27, 2024.
- ❖ Mr. Mahendra Jayantibhai Gohil participated in the industrial training at BSNL, Surat, from July 8 to July 27, 2024.
- ❖ He, also, participated in the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore from January to April 2024.
- ❖ Mr. Naman Sharad Khandelwal attended industrial training at Kottex Industries Pvt. Ltd. from July 8 to July 27, 2024.
- ❖ He, also, completed a MOOC on "Computer Networks and Internet Protocol" through NPTEL-AICTE (IIT Madras) from January to April 2024.
- ❖ Ms. Nisha Satishbhai Senjaliya attended the industrial training at L&T MHI Power from July 8 to July 27, 2024.
- ❖ She, also, completed the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore from January to April 2024.
- ❖ Ms. Pratikshakumari Dineshbhai Chaudhari attended the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore from January to April 2024.
- ❖ Ms. Chetna Devendrabhai Engineer also participated in "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore from January to April 2024.
- ❖ She, also, attended an industrial training at Sumul Dairy from October 28 to November 21, 2024.
- ❖ Ms. Rajvi Kirti Chinaiwala attended the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore from January to April 2024.
- ❖ She, also, participated in an industrial training at Sumul Dairy, Surat, from October 28 to November 21, 2024.
- ❖ Ms. Harshada Kishorbhai Patel attended an industrial training at BSNL, Valsad, from October 28 to November 16, 2024.
- ❖ Ms. Priya Alpeshkumar Mali attended an industrial training at BSNL, Surat, from October 28 to November 16, 2024.
- ❖ Mrs. Soniyaba Kirtansinh Mahida attended an industrial training program at Utran Gas Based Power Station, Surat, from June 10 to June 29, 2024.
- ❖ Mr. Niravkumar B. Kantharia completed a MOOC on "EV-Vehicle Dynamics and Electrical Motor Drives" through NPTEL from January to March 2024.
- ❖ Mr. Sanjeshkumar S. Gamit participated in the "Train the Trainer Programme on Effective Implementation of NEP 2020" hosted by CTE Gandhinagar and NITTTR Chandigarh from October 14 to October 18, 2024.
- ❖ Ms. Nimisha Shivdatt Patel attended an industrial training at BSNL, Valsad, from October 28 to November 16, 2024.
- ❖ Dr. Mitesh J. Joshi completed a MOOC on "Psychology of Stress, Health, and Well-Being" through NPTEL-AICTE (IIT Madras) from January to April 2024.
- ❖ He, also, participated in a one-week workshop, "Train the Trainers Programme on Effective Implementation of NEP 2020 in Technical and Professional Institutes of Gujarat," hosted by CTE Gujarat and NITTTR Chandigarh from October 14 to October 18, 2024.
- ❖ He, also, attended an industrial training at Australian Premium Solar (India) Pvt. Ltd. from October 28 to November 18, 2024.
- ❖ Ms. Pinkal N. Patel attended an industrial training at Surat-Tapi District Cooperative Milk Producers' Union Ltd (Sumul Dairy) from December 9 to December 28, 2024.

- ❖ Dr. Vaishali Shivkumar Biradar completed a MOOC on "Literary Criticism (From Plato to Leavis)" through NPTEL-AICTE (IIT Madras) from January 22 to April 12, 2024.
- ❖ She, also, completed a MOOC on "Literature and Life" through NPTEL-AICTE (IIT Madras) during the same period
- ❖ She participated in the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL IISc Bangalore during the same period.
- ❖ She, also, completed a MOOC on "The Nineteenth-Century English Novel" through NPTEL-AICTE (IIT Madras) during this period.
- ❖ She attended a workshop titled "Narratives and Realities: Exploring Modern Literary Theories and Emerging Discourses" at Gokul Global University from June 7 to June 13, 2024.
- ❖ She, also, attended an industrial training at Dev Information Technology Ltd., Ahmedabad, from July 15 to August 3, 2024.
- ❖ She completed a MOOC on "History of English Language and Literature" through NPTEL-AICTE (IIT Madras) from July 22 to October 11, 2024, too.
- ❖ She, also, completed a MOOC on "Postmodernism in Literature" through NPTEL-AICTE (IIT Madras) from July 22 to September 13, 2024.
- ❖ Mr. Nitinkumar Pravinbhai Patel participated in the "NBA Accreditation and Teaching-Learning in Engineering (NATE)" program through NPTEL-AICTE IISc Bangalore from January to April 2024.
- ❖ He, also, completed a MOOC on "Multivariate Procedures with R" through NPTEL-AICTE (IIT Madras) during this period.
- ❖ He attended an industrial training at Surat-Tapi District Cooperative Milk Producers' Union Ltd (Sumul Dairy) from July 8 to July 28, 2024.
- ❖ Sangita Vaghasia completed a MOOC titled "Innovation by Design" through SWAYAM, NPTEL from January 22 to February 16, 2024.
- ❖ She, also, attended the "AI in Academics" workshop at GGP Surat from February 19 to February 23, 2024.
- ❖ She, also, participated in industrial training at AMRD Corporation, Surat, from June 18 to July 8, 2024.
- ❖ Rahul Ghoniya completed a MOOC titled "Design Thinking - A Primer" through SWAYAM, NPTEL from January 22 to February 16, 2024.
- ❖ He, also, attended industrial training at AMRD Corporation, Surat, from June 17 to July 6, 2024.

Publications

Dr. M.J. Joshi published a research paper titled **"A comprehensive first-principles investigation of structural, electronic, vibrational, optical, thermodynamic and thermoelectric properties of LiZnAs"** in the *Computational Condensed Matter (Elsevier Journal)*, Issue 40, with ISSN 2352-2143 in July 2024. The paper is international, and the journal has an impact factor of 2.6. DOI: [10.1016/j.cocom.2024.e00934](https://doi.org/10.1016/j.cocom.2024.e00934)

Book Review by Faculty Member



FACULTY NAME: MR. ROSHAN ROHIT

DEPARTMENT: INFORMATION TECHNOLOGY

Book Name: "The Wealth Money Can't Buy"

Author: Robin Sharma

Book Reviewed by: Roshan Rohit , Lecturer , DIT,

This life-changing book highlights how real wealth goes beyond money and material possessions. It's about nurturing health, meaningful relationships, and your inner peace.

Key Takeaways:

- 💡 Time is the ultimate currency – invest it in experiences and people who truly matter.
- 💡 True wealth = Inner peace + Health + Relationships, not material possessions.
- 💡 Fulfillment comes from alignment with your values, not chasing societal definitions of success.

Personal Review:

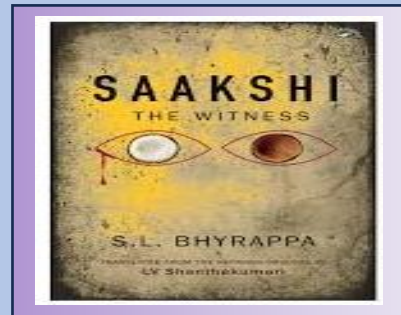
This book profoundly shifted my perspective on success. It's a must-read for anyone seeking clarity, purpose, and the courage to focus on what truly matters. Robin Sharma's words will inspire you to redefine wealth and success on your terms.



FACULTY NAME: DR. VAISHALI S BIRADAR
DEPARTMENT: GENERAL

Book Review of *Sakshi* by S.L. Bhyrappa

- Dr. Vaishali S Biradar
Lecturer English



Sakshi is a profound and thought-provoking Kannada novel written by S.L. Bhyrappa, one of India's most respected contemporary writers. Known for his exploration of human emotions, societal norms, and philosophical musings, Bhyrappa's writing delves deep into the complexities of the human psyche. *Sakshi* stands out as a work that probes the intersections of individual identity, societal expectations, and moral dilemmas, set against the backdrop of a traditional Indian community.

The novel's protagonist, Shankar, is a man caught in an intense moral and emotional turmoil after a pivotal event that forces him to reevaluate his life choices and understandings of reality. His life becomes complicated when he is confronted by a mysterious character who serves as a *sakshi* (witness) to his own life, thus triggering a journey of self-discovery. Throughout *Sakshi*, Shankar's internal conflict revolves around his attempts to reconcile the contradiction between his actions and his perception of moral rightness.

Shankar finds himself in a situation that involves conflicting desires, social expectations, and guilt. His relationships with the people around him—his family, society, and the people he interacts with—are layered with moral complexity, forcing him to reconsider his past decisions and actions. The central event in the story, along with the evolution of Shankar's understanding of morality and truth, sets the stage for a profound existential inquiry.

Themes

1. Truth and Subjectivity

The title of the novel, *Sakshi*, meaning "witness," signals the pivotal theme of truth and perception. The truth in *Sakshi* is not a fixed, objective entity; rather, it is a fluid concept, heavily influenced by personal biases and perspectives. The central conflict in the novel arises from the way Shankar must confront the subjective truths that define his life and, ultimately, face the consequences of those truths.

As Shankar journeys through his emotional and moral struggles, he discovers that truth, far from being an absolute, is layered and often hidden behind layers of personal desire, fear, and self-deception. Bhyrappa uses Shankar's evolution as a medium to explore how human beings interact with truth, often distorting it to avoid discomfort or to uphold a sense of identity. The idea that one can be both the victim and perpetrator of their own truths is explored through the protagonist's self-realization.

2. Moral Dilemmas and Guilt

Sakshi is, at its heart, a story about the conflict between one's moral conscience and societal expectations. Throughout the narrative, Shankar grapples with feelings of guilt that stem from decisions he has made in the past. The tension between what he feels is morally right and what society dictates often forces him into difficult choices.

The presence of the mysterious witness (the *sakshi*) in Shankar's life highlights the weight of guilt that constantly haunts him. The notion of being observed, judged, and accountable is pervasive in the novel. Bhyrappa shows how guilt, whether justified or not, can shape one's destiny. In this context, the *sakshi* serves as both an external and internal reminder of the consequences of one's actions.

3. Identity and Self-Realization

Identity is a key theme in the novel, and it plays out through the psychological development of Shankar. Initially, Shankar perceives himself as a man whose actions are justified by the norms of society, but as the novel progresses, he is forced to question his understanding of himself and his life choices. The revelation of his internal conflict, as well as his interactions with others, challenges his preconceptions of who he truly is.

Bhyrappa's portrayal of Shankar's journey toward self-realization mirrors the existential journey that many individuals undergo when faced with moral ambiguity or personal crises. Shankar's struggle is a reflection of the larger human struggle for authenticity. In confronting his own moral failings and recognizing his faults, Shankar comes to a deeper understanding of his own identity, which is more complex and fragile than he had previously thought.

4. The Role of Society and Its Expectations

Bhyrappa critiques the role of societal expectations in shaping individual morality and identity. Society in *Sakshi* is not portrayed as a purely supportive entity; rather, it is one that imposes its own moral codes on individuals, often without regard for the complexities of human nature.

Shankar's life is governed by the pressures and norms imposed by his family, community, and culture. These external forces often cloud his judgment and influence his decisions. The social system that shapes him, however, is also critiqued as being hypocritical, arbitrary, and unforgiving. The story raises questions about whether society can be a true arbiter of right and wrong, or whether it simply perpetuates its own ideals without addressing the nuances of individual experiences.

5. Existential Reflection on Life and Death

Sakshi also explores existential themes such as the meaning of life, the inevitability of death, and the search for redemption. Through Shankar's reflections on his actions, the narrative delves into how humans navigate their finite existence and seek meaning in their relationships and personal choices. The presence of death—whether literal or metaphorical—is felt throughout the novel, reminding readers of the impermanence of life and the need for self-awareness and atonement.

Writing Style

S.L. Bhyrappa's writing is straightforward yet profound, characterized by a clear and lucid narrative style. He does not indulge in flowery prose, yet his sharp descriptions and deep psychological insights provide the novel with an engaging depth. Bhyrappa uses simple yet evocative language, allowing the philosophical themes of the novel to be accessible without sacrificing complexity. His ability to capture the nuances of human thought and the undercurrents of social pressure is one of his trademarks as a writer.

The pace of the novel is steady, with Bhyrappa allowing the story to unfold at a pace that mirrors the protagonist's inner turmoil. There is a gradual unfolding of the plot, which matches the gradual progression of Shankar's understanding of his own situation. The novel's structure is such that the suspense of the story builds along with Shankar's moral and philosophical realizations.

Bhyrappa's writing in *Sakshi* is direct and unadorned, yet it possesses great depth. The narrative is methodical, with a slow but steady unfolding of Shankar's thoughts and actions. This deliberate pacing mirrors the protagonist's gradual process of self-discovery, allowing the reader to follow his introspective journey closely.

The novel is written in the third person, allowing for both an objective observation of the protagonist's external world and a subjective insight into his thoughts and emotions. The narrative oscillates between past and present, with Bhyrappa skillfully using flashbacks to deepen the complexity of Shankar's psychological state and the evolving nature of his relationships.

Characterization

The characters in *Sakshi* are richly developed, each representing different facets of moral and social expectations. Shankar, the protagonist, is not a one-dimensional hero or villain but a deeply conflicted individual whose actions are driven by his internal struggles. His flaws, vulnerabilities, and eventual realization of his own moral failings make him a relatable and compelling character.

The mysterious *sakshi* figure, who observes Shankar's actions and becomes a catalyst for his transformation, serves as a narrative device that pushes Shankar into confronting his own moral compass. This character's role is not entirely defined in conventional terms but acts as a silent, ever-present force in Shankar's journey.

Other secondary characters in the novel are more than just plot devices; they serve as reflections of societal norms and human virtues and vices. Each character contributes to the moral and philosophical texture of the novel, serving as a mirror to Shankar's own inner conflict.

Philosophical Insights

Bhyrappa's exploration of existential questions in *Sakshi* invites readers to reflect on their own beliefs and actions. The novel contemplates the nature of the self—how individuals define themselves in relation to their environment and the roles they are expected to play. It questions the very foundation of moral values and encourages readers to question established norms and conventions.

One of the most striking aspects of *Sakshi* is its critique of the human tendency to compartmentalize truth and morality, as if they were simple, fixed concepts. The novel offers no easy answers, but rather presents the truth as something elusive and subjective, constantly shifting depending on one's perspective.

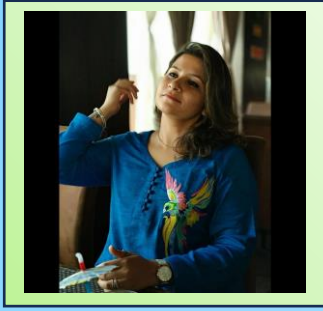
Conclusion

Sakshi is a masterful exploration of complex philosophical and moral themes. Through the lens of Shankar's inner journey, S.L. Bhyrappa presents a meditation on truth, guilt, identity, and the societal pressures that shape individual lives. The novel challenges its readers to confront their own understanding of morality and self-awareness, inviting deep introspection into the nature of human existence.

Bhyrappa's subtle critique of society and his nuanced portrayal of characters elevate *Sakshi* beyond a mere moral tale, turning it into a philosophical inquiry that resonates universally. It is a powerful reflection on how we see ourselves, how we live with the consequences of our actions, and how we confront the truths that shape our lives.

Sakshi is a powerful and introspective novel that challenges its readers to confront uncomfortable truths about morality, identity, and the human condition. Bhyrappa's keen insight into the complexities of human nature and his nuanced exploration of philosophical themes make *Sakshi* a standout work in modern Kannada literature.

For those who enjoy literature that encourages deep thought and self-reflection, *Sakshi* offers a rich and rewarding experience. It is a compelling read for anyone interested in the moral dilemmas of human life and the quest for self-awareness. Bhyrappa's masterful storytelling and deep philosophical exploration ensure that *Sakshi* is a novel that lingers in the reader's mind long after the final page is turned.



I PREFER

- Mrigaya Desai, Lecturer (DA)

What I prefer is a Paradox.

I prefer flowers,

But I am not the kind of girl, That you give them to.

I prefer to come alive at night,

Yet I'm afraid of the dark.

I prefer to have a blank mind,

But most of the time that does not happen.

I prefer to talk,

But I say nothing important.

I prefer blue eyes,

Yet I fell for brown.

I prefer my own company,

Yet I hate being alone.

I prefer being complicated,

But I'm easy to figure out.

I prefer to walk,

But I want to be swept off my feet.

I prefer black,

Yet like yellow.

Silence is golden,

But I prefer silver.

I prefer noise in a world that is deaf,

Yet I remain silent.



Harnessing Power BI for Agricultural Insights

Name: Krimi Rajnikant Patel

Department : Computer [6B]

Enrollment : [226150307090]

LinkedIn: [[linkedin.com/in/contactkrimipatel](https://www.linkedin.com/in/contactkrimipatel)]



This article is a reflection of my internship titled "Exhaustive Analysis of Indian Agriculture Sector Using Power BI," which I completed as part of a **4-week virtual internship** presented by **Edunet Foundation** in collaboration with **AICTE & Shell**, focusing on Green Skills using AI technologies. I am proud to share that I ranked among the **top 5 out of 3000** interns participating in this program.

What is Power BI [Business Intelligence] ?

Imagine a **toolbox** that helps you turn a jumble of raw data, from spreadsheets to cloud databases, into clear, visually stunning insights. That's **Microsoft Power BI** in a nutshell! It's a suite of software and services that lets you connect to various data sources, clean and organize the information, and then bring it to life with **interactive charts, graphs, and maps**. Think of it as a powerful storyteller for your data, helping you uncover hidden trends, track progress toward goals, and **make informed decisions**.

The Role of Power BI

Data Integration: Power BI connects to various data sources like spreadsheets and cloud databases that brings all your information together in one place. This helps you see the big picture.

Data Cleaning: It helps tidy up your data, ensuring everything is accurate and ready for analysis. Clean data leads to better decisions !

Interactive Visualizations: With Power BI, you can create eye-catching charts, graphs, and maps that make complex data easy to understand. These visuals help everyone quickly spot trends and key metrics.

Advanced Analytics: Power BI lets you explore more with predictive modelling and trend analysis, helping you predict future outcomes and discover hidden patterns.

User -Friendly Interface: Its intuitive design makes it accessible for everyone, from data experts to beginners. Anyone can use it to explore data and gain insights.

Collaboration and Sharing: Power BI makes it easy to share dashboards and reports with your team, ensuring everyone is on the same page and can work together effectively.

The capstone project focuses on:

The project proposes the development of a Power BI dashboard that consolidates various data sources for a detailed analysis of the Indian agriculture sector. By utilizing advanced analytics, the solution aims to provide stakeholders with valuable insights into crop yields, area occupied, seasonal trends, and regional performance, which includes 19 years of historical data from 33 states and 646 districts, covering five seasons for 122 unique crops.

This approach not only supports informed decision-making but also enables stakeholders to address challenges and capitalize on opportunities within the agricultural landscape.

However, if this data were stored on paper, the complexity would increase significantly. The amount of information gathered over nearly two decades would make it quite challenging to organize, search, and analyse. Manually sifting through stacks of documents to extract relevant data would be time-consuming and prone to errors, hindering timely decision-making.

Additionally, the lack of real-time analytics would prevent stakeholders from quickly responding to changing agricultural conditions, ultimately impacting their ability to make informed choices and adapt to evolving challenges in the sector.

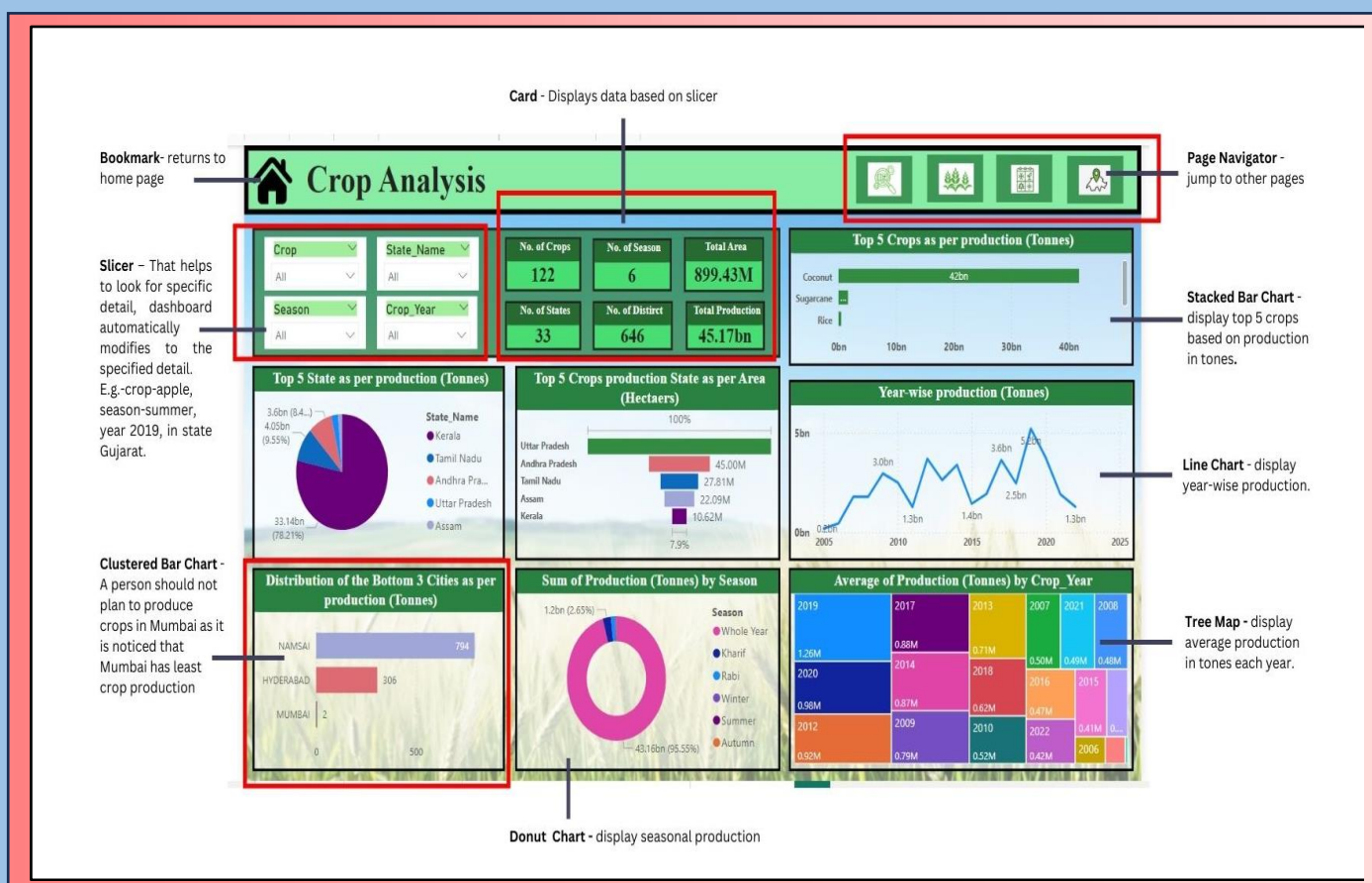
Project Highlight

Data Exploration: Perform a comprehensive analysis of the agricultural data to identify patterns, trends, and anomalies that can inform further analysis.

Crop Analysis: Identifying the top-performing crops and understanding their production dynamics across different states and seasons.

Seasonal Analysis: Examining how seasonal changes impact agricultural productivity, allowing stakeholders to adapt their strategies accordingly.

State Analysis: Comparing agricultural performance across states to identify best practices and areas needing improvement.



Conclusion

In conclusion, my internship experience with the Edunet Foundation allowed me to explore the powerful capabilities of Power BI in analyzing the Indian agriculture sector. By harnessing its data integration, visualization, and analytical features, I was able to uncover valuable insights that can aid in making informed decisions for sustainable agricultural practices. This experience not only enhanced my technical skills but also my understanding of the importance of data-driven approaches in addressing real-world challenges.

References or Resources

Microsoft Power BI

Internship Program Materials

Dataset- CSV file & Excel report

Data Integrated Tools

You can find an overview of the project "Exhaustive Analysis of Indian Agriculture Sector Using Power BI" on my LinkedIn profile.

Krimi Patel · You
Student at Government Polytechnic for girls , Surat
23m · 0

I am thrilled to share that I have secured a Top 5 position in the Capstone Project Showcase for my project titled "Exhaustive Analysis of the Indian Agriculture Sector Using Power BI", which I completed as part of a 4-week virtual internship presented by [Edunet Foundation](#). Foundation in collaboration with AICTE & Shell, focusing on Green Skills using AI technologies. I am proud to share that I ranked among the top 5 out of 3000 interns participating in this program!

Project Overview:

This project involved a comprehensive analysis of the Indian agriculture sector, utilizing 19 years of historical data from 33 states and 646 districts. I focused on crop analysis, seasonal changes, and state-wise performance, creating interactive dashboards that highlight key trends and insights.

Key Highlights:

Developed a **Power BI** dashboard that simplifies complex agricultural data, making it accessible for policymakers, stakeholders, and researchers. Utilized advanced analytics techniques such as predictive modeling and trend analysis to provide actionable insights into crop yields, land use, and more. The project aims to empower stakeholders to make informed decisions, tackle challenges, and seize opportunities in Indian agriculture.

Thank you Edunet Foundation AICTE & Shell for this opportunity. I would also like to thank **Natesan Rajan** sir and **Nikita Nadkarni** ma'am for helping me throughout this internship.

Thank you for your support!

#PowerBI #EdunetFoundation #AICTE #Shell #GreenSkills #Internship #DataVisualization #PredictiveAnalytics #DataAnalytics #Agriculture #CapstoneProject #Sustainability #Innovation #Top5 #AgriculturalInsights #CareerGrowth #LearningJourney

Crop Analysis

The dashboard displays various metrics and visualizations related to crop production in India. Key sections include:

- Summary Metrics:**
 - Total Crops: 122
 - Total States: 6
 - Total Area: 899,431
 - Total Production: 6,479,000
- Top 5 Crops by production (Tonnes):** A bar chart showing the top 5 crops.
- Year-wise production (Tonnes):** A line chart showing production trends over time.
- Top 5 Crop production State wise per Area (Districts):** A bar chart showing the top 5 crops by production state.
- Distribution of the Bottom 5 Crops by per production (Tonnes):** A bar chart showing the bottom 5 crops by production.
- Sum of Production (Tonnes) by Season:** A bar chart showing production by season.
- Average of Production (Tonnes) by Crop Year:** A line chart showing average production by crop year.

The dashboard also includes a sidebar with filters for State, Crop, and Year, and a legend for the data series.

K

Krimi Patel • You

Student at Government Polytechnic for girls , Surat

18m • 🌱

I am thrilled to share that I have secured a Top 5 position in the Capstone Project Showcase for my project titled "Exhaustive Analysis of the Indian Agriculture Sector Using Power BI", which I completed as part of a ...more

Exhaustive Analysis of Indian Agriculture Sector Using Power BI

CTRL + click here to follow link

Explore Now

▶

1:34

1x

🔊

🗨

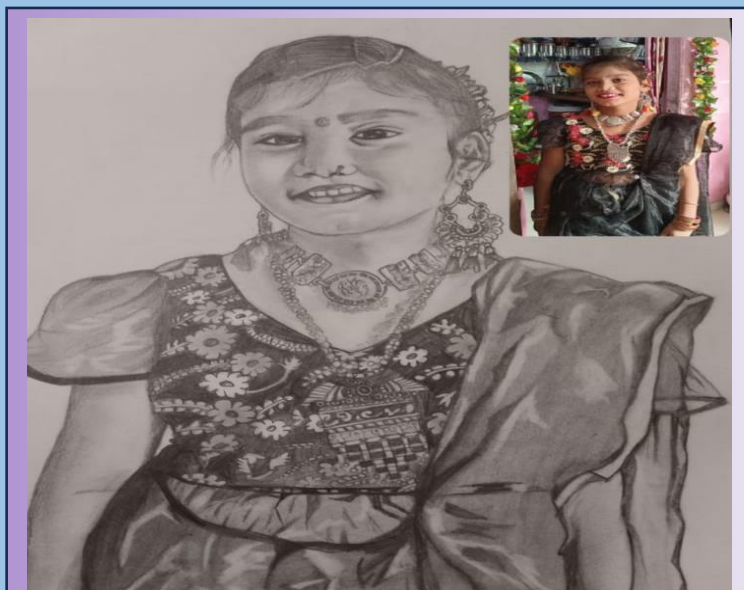
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Information Technology**

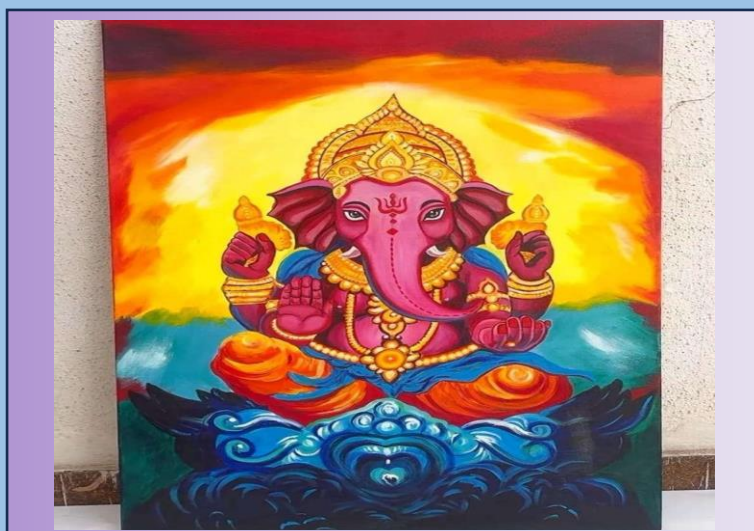


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Srivastava Arpana Santosh

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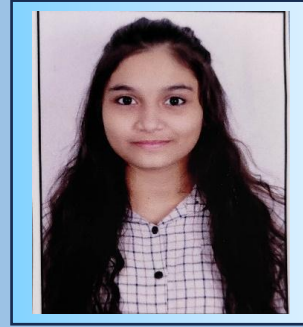


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Shah Namya Rajan

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गुरु तु ब्रह्मा हैं तो तु ही तो मेरा विष्णु
हैं।

तु आदी हैं तो तुहि तो अनादि है।

गुरु तु अल्फाज हैं तो तु ही तो मेरी
दुआ हैं।

तु मेरा सफर है तो तुझ में ही मेरी
मंजिल है।

तु मोक्ष दाता हैं तो तु ही तो मेरी
आत्मा की माता हैं।

तुझे गुरुदक्षिणा में क्या दु मैं ?

खुद को तेरे चरण में सोंपकर तेरी ही
हो जाऊ मैं।।।

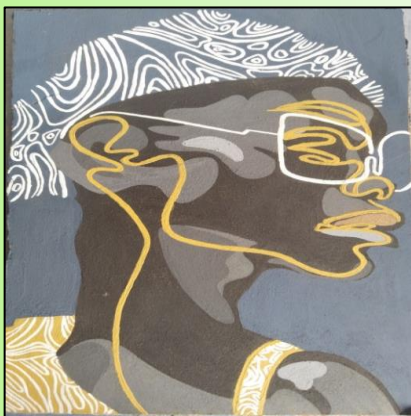


Solanki Yashvi Suryakantbhai

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Art Form : Abstract Art

Description: Abstract art is a style of visual art that emphasizes shapes, colors, forms, and gestural

marks to create compositions that may not represent the physical world directly



Art Form: Mandala Art

Description: Mandala art is a spiritual and ritual symbol in Hinduism and Buddhism, representing the universe. Characterized by intricate, symmetrical designs that radiate from a central point, mandalas often incorporate geometric patterns, shapes, and vibrant colors.

Desai Mrunali Rajesh
2361503070384 – A

Department of
Computer Engineering

Inkspirations: Student Poetry Corner

"LOVE IN THE FOG"

In a world of swipes and fleeting screens,
Where love is whispered but rarely seen,
Today's hearts wander, unsure, astray,
Lost in shadows, forgetting the way.

We chase illusions, a perfect face,
But miss the depth, the soulful space.
We text, we scroll, we post, we share,
But where is the touch, the moment to care?

Love isn't a caption or a fleeting trend,
It's the quiet moments that never bend.
It's patience, effort, a steady flame,
Not a passing thrill or a guessing game.

This generation, so quick to let go,
Fears the storms that help love grow.
Yet true connection, raw and deep,
Is found where hearts dare to leap.

Let us remember, amidst the haze,
That love's not measured in likes or praise.
It's found in the trust, the courage to stay,
When the world tries to pull you away.

So pause, look up, and take the chance,
To step beyond the fleeting dance.
For love is waiting, timeless and true,
But only if we dare pursue.

~Mahek

"RISE AGAIN"

When the path is steep and the skies turn gray,
And the light of hope seems far away,
Don't let the darkness hold you down,
For every storm will pass and drown.
Each stumble and fall is not the end,
But a lesson, a chance to rise and mend.
The strongest hearts are those that fight,
Through endless shadows to find their light.

The climb may seem an endless task,
The strength you seek is all I ask.
Breathe deep, hold firm, and take the leap,
Dreams are planted where courage sleeps.

So when you feel you've had enough,
Remember, life is meant to be tough.
The seeds of greatness in you are sown,
With every trial, your soul has grown.

Stand tall, hold tight, don't give in,
The fire within will help you win.
For those who try and never break,
The sweetest victories are theirs to take.

~Mahek

**MANDAL MAHEK RAGHUNATH,
ELECTRICAL DEPARTMENT (SEM-4)
ENROLLMENT NUMBER - 236150309013**

"THE TWO FACES"

Behind the screen, a crafted smile,
A perfect life, a flawless style.
Filters hide the weary eyes,
While captions spin the sweetest lies.

On social media, we wear a mask,
To meet the world's unspoken task.
A polished version, shining bright,
A shadowed truth kept out of sight.

The real face waits, raw and bare,
With untamed thoughts and a longing stare.
Fears and flaws, a quiet pain,
Hoping for love but fearing disdain.

We post, we pose, we chase the glow,
Seeking validation we rarely show.
Yet beneath the likes, the endless scroll,
Lies a heart that craves to feel whole.

Oh, today's world, so fast, so loud,
Lost in the pull of a virtual crowd.
But the real face holds a beauty rare,
A strength, a truth beyond compare.

So dare to show the world your light,
Both in the day and in the night.
For the mask may fade, but what stays true,
Is the genuine soul that lives in you.

**MANDAL MAHEK RAGHUNATH,
ELECTRICAL DEPARTMENT (SEM-4)
ENROLLMENT NUMBER -
236150309013**

“डूब के दस बार अब पार करना है वो दरिया,
 क्योंकि डूब कर नहीं मिल रही नज़रिया।“

“एक आस के साथ दरिया पार करने की मेहनत जारी है,
 ए ज़िंदगी अब मेरी बारी है...”

“गिरी हूँ कई बार शिखर की टोच से, पर फिर से शिखर चढ़ना जारी है,
 ए ज़िंदगी अब मेरी बारी है...”

“सुनके हर लोगों के ताने, अब लोगों के चेहरे पढ़ना जारी है,
 ए ज़िंदगी अब मेरी बारी है...”

“अब तो हर दरिया पार करना है इस इरादे से कोशिश जारी है,
 ए ज़िंदगी अब मेरी बारी है...”

“मेरी इस हार को भुलाकर, मेरी खुद की एक नई कहानी लिखना जारी है,
 ए ज़िंदगी अब मेरी बारी है...”

“हर लहर से लड़कर मंजिल तक पहुंचना जारी है,
 ए ज़िंदगी अब मेरी बारी है...”



Patel Dhyan Alkeshkumar
 236150307132

4 – B

Department of
Computer Engineering

GISC TBI EVENT



GISC TBI EVENT



SSIP EVENT CERTIFICATE



SMART INDIA HACKATHON 2024

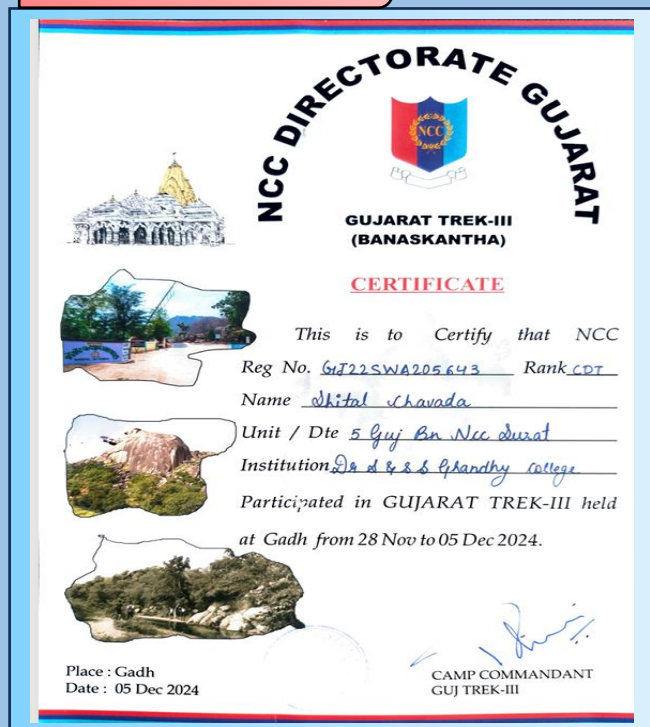


NCC EVENT CERTIFICATE

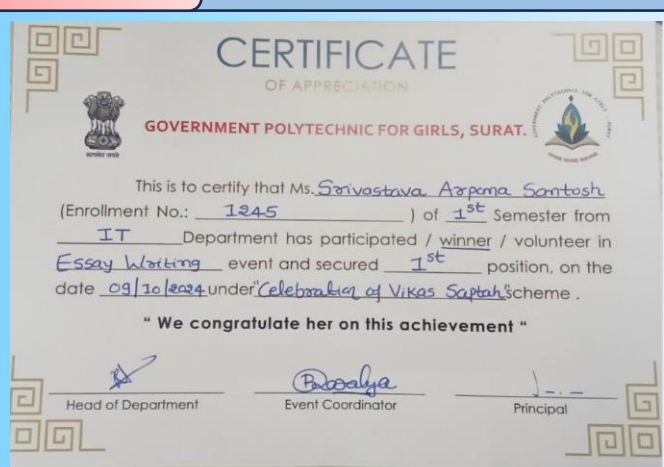
NCC FIRING COMPETITION



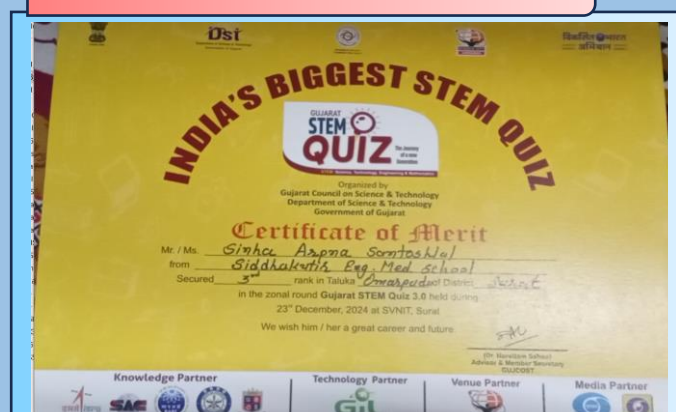
NCC GUJARAT TREK-III



VIKAS SAPATH-2024



INDIA'S BIGGEST STEM QUIZ



KHEL-MAHAKUMBH-2024







KHEL MAHAKUMBH 2.0

STATE WINNER'S CERTIFICATE

No. 2023-24/ 01565

Mr. / Ms. / Mrs. NISHAD PRIYA has participated in

Khel Mahakumbh 2.0, Male / Female Category in the Under 9 Years / 11 Years / 14 Years / 17 Years /

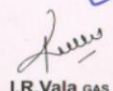
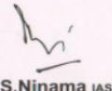
Open Age Group / Above 40 Years / Above 60 Years in Karate Sport from Surat City

District / Corporation in the State Level Competition held on 16 June 2024 and

He/ She finished the -32kg Event in — and stood

First / Second / Third

Place Amend

I.R. Vala GAS Secretary
 Sports Authority of Gujarat
 Gandhinagar

R.S. Ninama IAS
 Director General
 Sports Authority of Gujarat
 Gandhinagar

Sports, Youth and Cultural Activities Department, Government of Gujarat
(Sports Authority of Gujarat)