

# SSGP GALAXY

E-NEWSLETTER



भारत 2023 INDIA

वसुधैव कुटुम्बकम्

ONE EARTH • ONE FAMILY • ONE FUTURE

JANUARY - JUNE 2023 ISSUE 7

Dr. S. & S. S. Gandhi College of  
Engineering & Technology, Surat





# **M**ESSAGE FROM THE DESK OF **PRINCIPAL**

Dear Students, Faculty, and Staff,

Greetings to the entire Dr. S. & S. S.  
Ghandhy College of Engineering & Technology community!



As we embark on this new edition of our college's E-newsletter, a profound sense of pride and gratitude fills me for the journey we've undertaken. The enduring vision of our founders, the late Dr. Sorabji and Sarosh Sorabji Ghandhy, continues to inspire. Their dream of engineering excellence has become our mission – driving us to be a center of innovation, technical prowess, and sustainable growth. Our aim is to equip students with global technical skills, adaptable to industry's evolving needs. Amidst this journey, our campus nurtures quality education and inventive thinking, rooted in strong ethical values – the foundation of genuine achievement.

In this issue of the E-newsletter, you will find a glimpse of the remarkable strides our institution has taken. Our engineering departments have been bustling with activity, from enlightening expert lectures to enlightening industrial visits. The dedication of our faculty has been evident through their involvement in Faculty Development Programs, enriching their knowledge and teaching practices.

I am particularly thrilled by the success of our students have achieved in securing placements with esteemed organizations such as L & T, AMNS, Ceat Tyres, Aditya Birla, Welspun etc.. This is a testament to the holistic education and practical skills imparted by our institution.

As we look ahead, let us remember that every accomplishment, every stride, is a result of the collective efforts of our students, faculty, and staff. Let's continue to push the boundaries of knowledge, innovate relentlessly, and uphold the values that define us.

Thank you for being an integral part of this transformative journey. Here's to a future of limitless possibilities and enduring success.

Best Regards,

***Dr. Paresk P. Kotak***

***Principal***

***Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat***



## **EDITOR'S MESSAGE**

Dear Readers,

Welcome to the 7<sup>th</sup> edition of the Dr. S. & S. S. Ghandhy College of Engineering & Technology E-newsletter!

With every passing issue, we endeavor to bring you the latest insights into the vibrant life of our college. From the bustling hallways to the state-of-the-art labs, our institution buzzes with innovation and discovery.

In this issue, we're excited to showcase the myriad achievements and activities that have unfolded in the period from January 2023 to June 2023. All our departments have been bustling with a range of activities - from expert lectures that broaden horizons to industrial visits that bridge the gap between theory and practice.

We take immense pride in the strides our students have made in securing placements with esteemed companies. It's a testament to the rigorous education and skill development they've received here, and a promise of their bright futures as leaders in their respective fields.

As we delve into the pages of this E-newsletter, may you be inspired by the dedication of our faculty, the enthusiasm of our students, and the unwavering support of our staff. Each success story is a testament to the collective effort that defines the Dr. S. & S. S. Ghandhy College of Engineering & Technology.

Thank you for joining us on this journey of innovation, education, and progress. We hope you enjoy this edition of the E-newsletter and continue to be a part of our inspiring community.

Happy reading!

Warm Regards,

***Editor***

***Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat***

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## VISION OF THE INSTITUTE

"To be a unique center of excellence in technical education & innovation for sustainable growth of industry and society."



### MISSION 1

To impart globally viable technical core competencies and skills..

### MISSION 2

To respond effectively to the ever changing needs of industry and community at large.

### MISSION 3

To promote conducive campus environment and resources for qualitative education and innovation.

### MISSION 4

To inculcate moral, ethical and professional values amongst all internal stakeholders.

Ethical-Culture

**Nurturing**

**Adaptability**

**Globalized Competence**

**SSGP, Surat**

# COURSES OFFERED

## In College



**AUTOMOBILE ENGINEERING**



**AUTOMATION AND ROBOTICS**



**CIVIL ENGINEERING**



**COMPUTER ENGINEERING**



**ELECTRICAL ENGINEERING**



**INFORMATION TECHNOLOGY**



**INFORMATION AND  
COMMUNICATION TECHNOLOGY**



**MECHANICAL ENGINEERING**



**MECHANICAL ENGINEERING  
{CAD/CAM}**



**METALLURGY ENGINEERING**



**POWER ELECTRONICS**



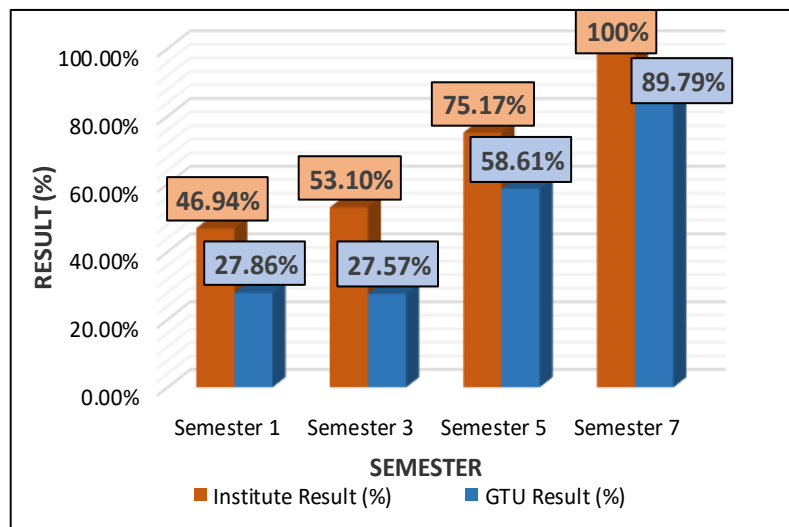
**TEXTILE PROCESSING TECHNOLOGY**



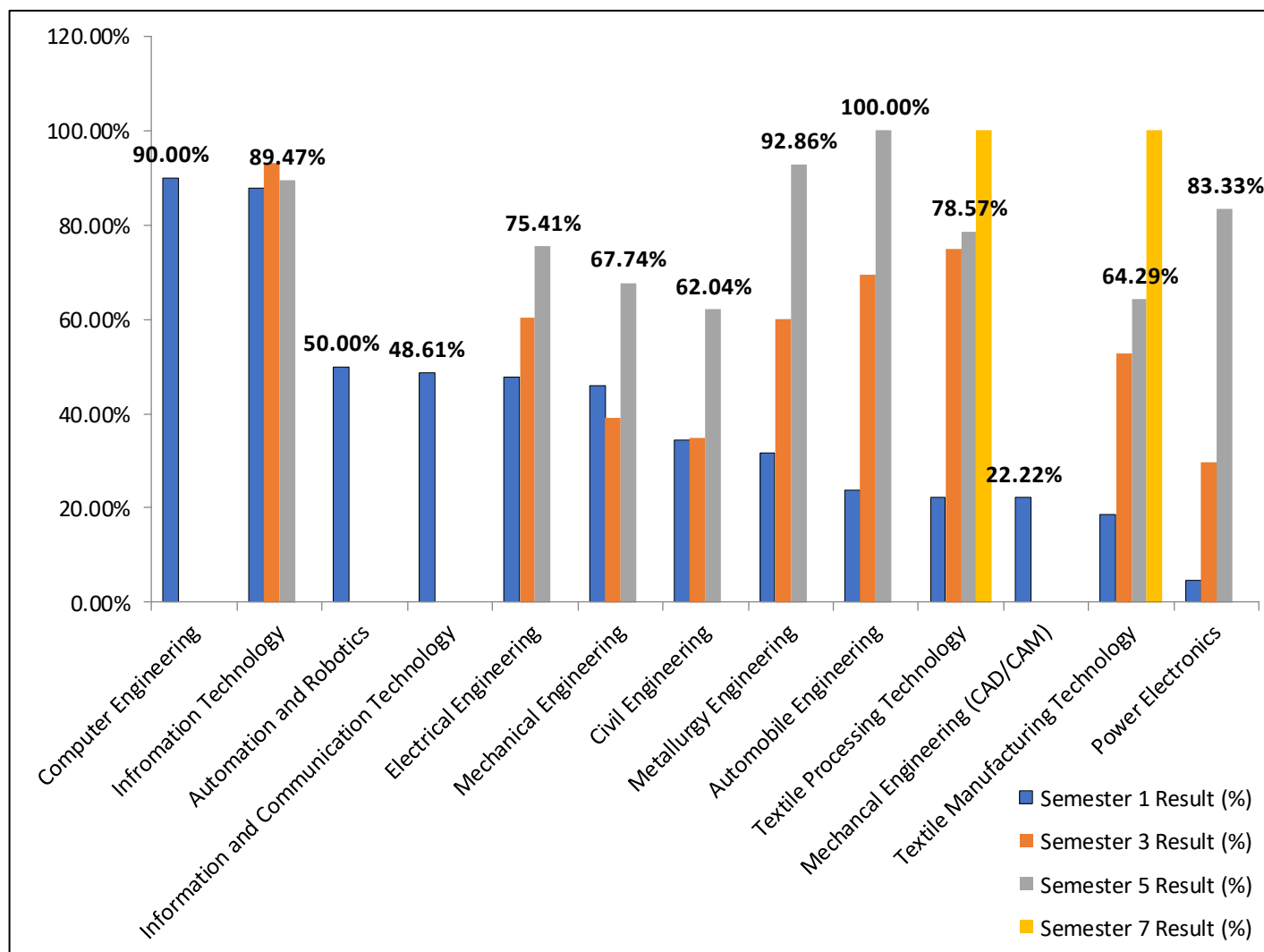
**TEXTILE MANUFACTURING  
TECHNOLOGY**

## INSTITUTE RESULT OF WINTER 2022 EXAMINATION

- ✳ The outcome of term 221 at Dr. S. & S. S. Ghandhy College of Engg. & Tech., Surat showcases exceptional performance with a full score in semester 7, a robust 75% in semester 5, over 50% in semester 3, and a commendable 46% in semester 1.
- ✳ In the Winter 2022 examination, our college achieved standout scores in comparison to overall GTU scores, with results ranging from 46.94% to 100%.



## BRANCH WISE RESULT OF WINTER 2022 EXAMINATION





## APPLIED MECHANICS DEPARTMENT

### Industrial Visit at Tryom Palace

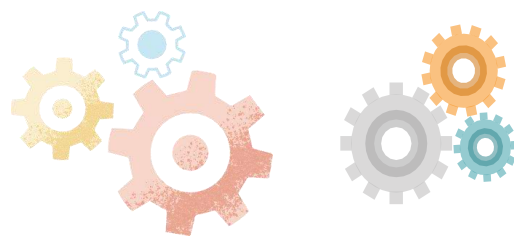
Applied mechanics department had organized a visit for the students of 6th Semester Civil Engineering, at "Tryom Palace, Vesu", on 10/05/2023 under the subject of "Design of Reinforced Concrete Structures". Total 76 students visited along with 5 faculty members. The main agenda for arranging this visit was to enhance the practical and field knowledge of the students.



## AUTOMOBILE ENGINEERING DEPARTMENT

### Expert Lecture on Case Study on Vehicle Survey & Insurance

With the aim to achieve the vision of Automobile Engineering Department, "To be a center of excellence in technical education to prepare diploma automobile engineers with innovative technical and professional skills suitable to automotive industry and society," and to line up with the syllabi, an Expert lecture has been arranged titled "A Case Study on Vehicle Survey and Insurance" was organized on 20th April 2023. Total 112 students and 7 faculty members attended this lecture.



The topics discussed during the session were

1. Types of vehicle insurance and different provisions of motor insurance.
2. Insurance survey, investigation of claim and claim procedure for assessing various losses of accidental vehicle.
3. Real-time case study of any claim.
4. Career guidance.



### Expert Lecture on CNG Fuel Supply System

As a part of the curriculum and to aware students about this alternative fuel technology, an expert lecture and demonstration session on "CNG Fuel Supply System" was organized by the department on 15th June, 2023. The main objective of the lecture is to enhance the knowledge of students regarding components of CNG fuel system and its fitting in vehicle. Mr. Shailesh Prajapati, Owner of Shree Swastik Motors, Pal, Surat, and Mr. Jwalin Purohit, owner of "Jwalin's Car Care-The Complete Automotive Solution" persons for the expert talk. 57 students attended this lecture.





## Industrial Visit at Adani Port Surat

Automobile Engineering Department organized an industrial visit to Adani Port Pvt. Ltd. at Hazira (AHPPL), Surat under the Project UDAAN by Adani Foundation on 18/01/2023. The tour aimed at extending industrial exposure to students and makes them learn about safety provisions, standard industrial practices, about logistic and transport sector etc. Along with technical know how such tours boost entrepreneurship attitude and courage to dream big among the students. 46 students were present in this visit.



### Expert Lecture on Troubleshooting of CNG Fuel Supply System

An expert lecture and demonstration session was organized for the final year students to aware them about different troubles & faults that arise in the CNG fuel supply system on 01/03/2023.

The expert speaker was the owner himself of Tarun Motors, who is also an alumnus of our department. 63 students were benefitted by the expert lecture.



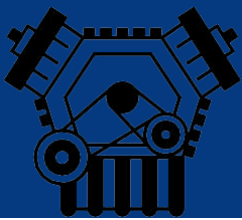
## Industrial Visit at Bombay Repowering

An industrial visit for Automobile engine diagnosis & Testing subject was arranged at Bombay Repowering on 14/03/2023. 58 students along with 2 staff members visited this industry.

Topics discussed and demonstrated during visit are:

- Cylinder Boring operation
- Valve Operation
- Safety at workshop





### Industrial Visit at Desai Auto & Service, Surat

An industrial visit was arranged at Raycon Servies on 14/03/2023. 52 students along with 2 staff members visited this Service station.

Topics discussed and demonstrated during visit are:

- Calibration phasing of fuel pump
- Injector cleaning and repair

### Industrial Visit at Raycon Services

An industrial visit was arranged at Raycon Servies on 15/03/2023 and 09/06/2023. 52 students along with 2 staff members visited this place.

Topics discussed and demonstrated during visit are:

- Compressor service
- Air conditioning troubles
- Gas recharge and leak detection
- Evaporator and condenser servicing



### Industrial Visit at I.T.I. Majuragate

An industrial visit was arranged at I.T.I., Majuragate on 25/04/2023. 52 students along with 3 staff members were present in this visit. During this visit, students learn about different welding methods and CNC, VMC operations.



### Industrial Visit at Katariya Automobiles, Vesu

An industrial visit for Automobile Professional Practice subject was arranged at Katariya Automobiles, Vesu on 25/05/2023. 52 students along with 3 staff members visited this organization.



## DTPT DEPARTMENT

### Industrial Visit at Dada Silk Mills, Surat

Industrial visit at Dada Silk Mill, Udhna Pandesara road, Surat was arranged on 27/04/2023. This visit helps to understand process, machineries, work management and knowledge of dyes and chemicals with their uses more effectively to the students. 26 students were present in this visit.





### Industrial Visit at Eagle Silk Mills, Surat

Industrial visit at Eagle Silk Mills, Surat was arranged on 08/05/2023. This visit helps to understand not only process, machineries, work management and knowledge of dyes and chemicals with their uses more effectively in Textile Processing but also helps to understand Textile Manufacturing Sequence more clearly to the students. 14 students were attended this visit.



## ELECTRICAL ENGINEERING DEPARTMENT

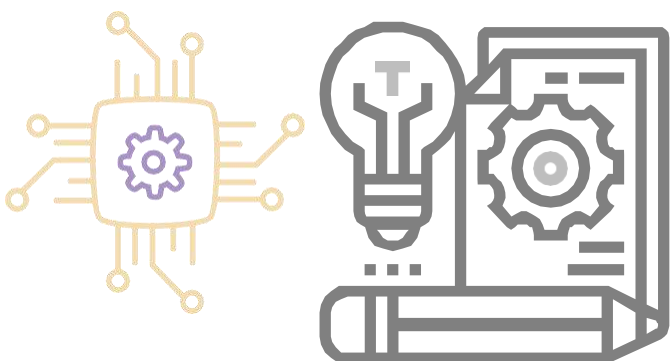
### Expert Lecture on Patenting Through Design Thinking

An expert lecture "Patenting Through Design Thinking" under SSIP Was arrange on 09/03/2023 by Dr. Krupa Shah Asst. Prof. Electrical Engineering IITRAM. Ahmedabad in which 70 Students of 6th Sem and 4th sem had participated. She covered the points like ideas and creativity, legal protection, What is patent, few Excellent Invention etc.



### Expert Lecture on Myths about Earthings

An expert lecture on "Myths about Earthings" was arrange on 28/03/2023. It was delivered by Dr. K. P. BADGUJAR, H.O.D. L.D.C.E Ahmedabad in which 56 Students of 4th Sem had participated. He shared his expertise on Different methods of Earthing, which is very important & useful to the students of final year to develop their technical knowledge.







### Expert Lecture on Electrical Safety and Provision of Electricity

An expert lecture on "Electrical safety and provision of Electricity act 2003, CEA Regulation 2010" was arranged on 24/04/2023. It was delivered by Mr. C. T. Patel Jr. AEI Surat In Energy and Petrochemical Department Gujarat. in which 32 Students of 6<sup>th</sup> Sem had participated. He shared his experience in electrical safety and how to prevent accident in our day-to-day life and industry.



### Industrial Visit at Gujarat Plug-in Devices & Expel Prosys, Vadodara

Industrial visit at Gujarat Plug-in Devices & Expel Prosys, Vadodara was organized on 02/03/2023 for the students of 6<sup>th</sup> semester of Electrical Engineering Department where electrical switchgears are manufactured. Our main purpose for this visit is to make the students familiar with industrial environment and to get practical knowledge of manufacturing of electrical switchgears. 68 students were benefited by this visit.



### Industrial Visit at Thermal Power Plant & Hydro Power Plant, Ukai

Industrial visit was organized on 28/04/2023 for the students of 4th semester of Electrical Engineering Department at Thermal Power Plant & Hydro Power Plant, Ukai where electricity is generated. Our main purpose for this visit is to make the students familiar with industrial environment and to get practical knowledge of electric power generation. 99 students took advantage of this visit.





## INFORMATION TECHNOLOGY DEPARTMENT

### Expert Lecture on Machine Learning

Expert session on Machine Learning was arranged on 07/06/2023 by Mr. Karan Bhatt. 46 students had attended this lecture.



### Industrial Visit at Megaminds Technologies Pvt. Ltd.

Industrial Visit at Megaminds Technologies Pvt. Ltd. was organized for students of final year Information Technology department on 19/05/2023. Apart from theoretical and practical education, real industrial environment is also important to know. For this purpose, the visit has successfully completed by the students along with faculty Members. 40 students had attended this visit.



## MECHANICAL ENGINEERING DEPARTMENT

### Expert Lecture on Campus to Corporate

Expert lecture on Campus to Corporate was arranged on 13/02/2023. Mr. Sanket Sutariya, Junior Engineer in SRF, Dahej delivered online expert lecture. He explained how he was selected in the campus interview and motivate to students through his well-known experience and this event he always shows as Educational Achievement. 87 students and 8 faculty members attended this lecture.



### Seminar on Non-destructive Testing

A seminar and hands-on session on Non-destructive Testing were conducted by Mr. Amit Gabani, Mr. Vijay Nakrani and other team members of Bhavy Industrial Testing Services, Surat on 07/06/2023. Theory and practical sessions on different NDTs were conducted. Information about careers in NDT was also shared. Mr. M. H. Koladiya, Mr. B. D. Shankar coordinated the whole program. Total 140 students attended this seminar.





## Expert Lecture on Esprit CAM Design of Jigs and Fixtures

Expert lecture on Jig and Fixture Design with Case Study was arranged on 05/05/2023, Which is conducted by Mr. Mitul Patel Sr. App. Engineer, Software Evangelist of Sopan Associates. The lecture included a comprehensive discussion on the design principles, case study examples, and their significance in achieving efficient and precise production. The event was attended by 105 students and mechanical faculties.



## Expert Lecture on Sensitization of students on SSIP

An expert talk on sensitization of students was arranged on 23/05/2023. Lecture was delivered by Mr. Darshan Maheta, Assistant professor, GEC, Surat. Lecture would be very much beneficial to students in building their academic and carrier as well as in the frame of SSIP. 200 students took advantage of this lecture.



## Expert Lecture on Get Set Goal

Expert lecture on Get Set Goal was arranged on 17/04/2023. Being part of such an amazing event and section, it was truly delightful to have been able to identify goal and decide the path, thus enabling the goal to be achieved more effectively. The session acted as a polish to our dreams. Personally, after this session, all students were informed about what they want in their careers and how it can be attained. 115 students attended this program.



## Expert Lecture on Recent trends on designing & Modelling

Expert lecture on Recent trends on designing & Modelling was arranged on 06/05/2023, which is conducted by Sr. App. Engineer, Software Evangelist of Sopan Associates aimed to provide valuable insights into the industrial trend in designing and modelling.







The lecture included a comprehensive discussion on the design principles, case study examples, and their significance in achieving efficient and precise production. The event was attended mechanical faculties. 109 students attended this lecture.



### Industrial Visit at JMT Udhna

An industrial visit was arranged on 09/01/2023 and 12/01/2023. Students Get Skills that Classify various mechanical manufacturing processes and select appropriate casting processes to produce mechanical components. 200 students with 8 faculty members visited this company.



### Industrial Visit at Maruti Suzuki Dhruv Motor, Udhana

An industrial visit at Maruti Suzuki ARENA, Dhruv Motors, Surat was arranged on 08/02/2023 for the 6<sup>th</sup> Semester Mechanical Engineering Students to enhance their technical details and to get practical exposure about Thermal Engineering-II Subject. 145 students visited this company.



### Industrial Visit at Adani Hazira Port Ltd, Surat

An industrial visit at Adani Foundation, Adani Hazira Port Ltd., Surat was arranged on 20/03/2023. Students get information about break-bulk, bulk liquid chemicals, petroleum products & edible oil, containers, automotive and crude during this visit. 50 students get benefited through this visit.



### Industrial Visit at Nuclear Power Corporation of India Limited (NPCIL), Kakrapar

An industrial visit at Nuclear Power Corporation of India Ltd., Kakrapar was arranged on 06/05/2023. In this visit, students get practical exposure about Nuclear Power Plant. 48 students were present in this visit.





### Industrial Visit at Ukai Hydro Power & Thermal Power Plant

An industrial visit at Ukai Hydro Power & Thermal Power Plant was arranged on 12/05/2023. In this visit, students get practical exposure about thermal & hydro power Plant. Student learnt the proper management criteria of the production process of electric energy from water and had a chance to extract more knowledge of functioning and working of a power plant. 49 students were present in this visit.



### Industrial Visit at RNGPIT Institute of Technology Bardoli

Mechanical department had organized one visit at RNGPIT college. The visit had basically four phases so student completed this visit in 2 days that were 4/03/2023 and 18/3/2023. As there are so many things to visit so students were divided in four groups and group wise students visited four different sections. 1.

that students visited. 1. Thermal lab (I.C engine) 2. HVAC lab 3. Machine lab 4. Hydraulic lab. Students also Visited World Class Common Engineering Facility Center Which Has Very Advance Machines.



### METALLURGY DEPARTMENT

### Expert Lecture on Additive Manufacturing: A Step towards the Future of Manufacturing

The Metallurgy Department, organized a seminar on "Additive Manufacturing: A Step towards the Future of Manufacturing" on 24/03/2023. With an impressive turnout of 65 participants, including 08 staff members and esteemed guests, the event proved to be a resounding success. Dr. Jaykumar J. Vora, Assistant Professor of PDEU, Gandhinagar, delivered an insightful and engaging lecture, shedding light on the transformative potential of additive manufacturing in the field of manufacturing. The seminar provided an excellent platform for knowledge sharing and served as a testament to the college's commitment to staying at the forefront of emerging technologies.







### Expert Lecture on Importance of Mechanical Testing throughout Product Lifecycle

An expert lecture on "Importance of Mechanical Testing throughout Product Lifecycle" was organized by the department on 24/04/2023. The event garnered great interest, attracting an audience of 57 students and 08 staff members. Mr. Kush Shaligram, a renowned Quality Engineer from Schaeffler India Ltd., Vadodara, delivered an enlightening lecture on the topic. With his expertise and industry insights, Mr. Shaligram emphasized the crucial role of mechanical testing at various stages of the product lifecycle. The lecture provided valuable knowledge and real-world perspectives, empowering the attendees with a deeper understanding of the subject matter. The successful event showcased the college's dedication to offering comprehensive learning experiences to its students.

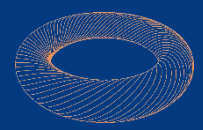


### Industrial Visit at Indus University, Ahmedabad

The metallurgy department arranged a visit to the Metallurgical & Materials Engineering Department at "Indus University", Ahmedabad on 05/01/2023. The visit was exclusively organized for the 3rd and 5th semester diploma students, providing them with an opportunity to explore and gain insights into the department's facilities and resources. A total of 32 students participated in the visit, accompanied by two dedicated faculty members, Ms. Sonam M. Patel and Mr. Ravi D. Dave. The visit aimed to broaden the students' understanding of mineral processing by exposing them to practical applications and fostering an interactive learning environment.







### Industrial Visit at JMT India Inc., Sachin, Surat

The metallurgy department facilitated a visit to "JMT India Inc." located in Sachin, Surat on 20/04/2023. The visit was exclusively organized for the 4th semester diploma students, accompanied by Mr. Suresh Parmar, a dedicated faculty member. During the visit, the 25 students were exposed to various aspects of metal casting, including the process itself, pattern and mold making, testing, and finishing operations. This first-hand experience provided the students with valuable insights into the practical application of metallurgical principles, bridging the gap between theory and practice. The visit proved instrumental in enhancing their understanding of metal casting techniques and highlighted the importance of quality control measures.



### Industrial Visit at Elecon Engineering Company Ltd. in Vallabh Vidyanagar

An industrial visit organized at "Elecon Engineering Company Ltd." Located in Vallabh Vidyanagar, Gujarat on 14/06/2023. This visit was specifically arranged for the 4th semester students, with the accompaniment of two faculty members, Ms. Sonam M. Patel, and Mr. Ravi D. Dave. A total of 24 students enthusiastically participated in the visit, which provided them with invaluable insights into various aspects of Metal

Casting Processes, encompassing pattern and mold making, testing, finishing operations, as well as carburizing, nitriding, and other heat treatment processes. This practical experience further enhanced their understanding of metallurgical processes and their significance in achieving desired material properties.



### CIVIL ENGINEERING DEPARTMENT

### Industrial Visit at SNPTI Research Center, Umrah (Fire Safety)

An industrial visit for 6th semester students in subject Building Services at SNPIT Research Center, Umrah on 24/02/2023 was organized to understand fire safety services installation in educational building with faculty member D.C. Rajput, R.D. Goswami. 88 students were present in this visit.



### Industrial Visit at Bhumi Research Center, Surat

A Civil engineering department arrange visit for 6th semester students in subject Construction Quality control & Monitoring at Bhumi Research Center, Surat on 06/03/2023 to understand various test perform in control condition on material in laboratory with faculty member S.C. Patel, V.S. Rajput, N.K. Ribinwala, M.G. Shaikh. 44 students were present in this visit.



### Industrial Visit at Green Building, Jaiman House, Surat

An industrial visit for 6th semester students in subject Construction Quality control & Monitoring at Jaiman House, Surat on 21/04/2023 to understand various aspect of green building with faculty member S.C. Patel, V.S. Rajput, N.K. Ribinwala. 68 students were present in this visit.



### Industrial Visit at Eco Vision, Environmental Research, Surat

A Civil engineering department arrange visit for 6th semester students in subject Construction Quality control & Monitoring at Eco Vision, Environmental Research, Surat on 29/04/2023 to understand plastic waste management with faculty member S.C. Patel, V.S. Rajput, N.K. Ribinwala. 45 students were present in this visit.



### Industrial Visit at Surat Railway Station, Surat

A Civil engineering department arrange visit for 4th semester students in subject Basic transportation engineering at Surat railway station on 29/04/2023 to understand different components of railway track, points & crossing and railway yard with faculty member V. J. Vadiwala, M. G. Shaik, K. D. Uchdadiya, J.M. Vala. 86 students were present in this visit.





## Industrial Visit at Surat Fort, Chowk Bazar, Surat

An industrial visit for 6th semester students in subject Maintenance & Rehabilitation of Structure at Fort, Chowk bazar, Surat on 06/05/2023 to understand maintenance aspect of fort with faculty member V.S. Rajput, M.G. Shaikh, V.J. Vadiwala. 84 students were present in this visit.



## Expert Lecture On Scope of Career Advancement in Civil Engineering in Recent Times

An expert lecture on Scope of Career Advancement in Civil Engineering in Recent Times was arranged on 18/03/2023. 96 students had attended this lecture.



## Expert Lecture On Technological Trend in Civil Engineering field for Diploma Graduates

An expert talk on the "Technological Trends in the Civil Engineering Field for Diploma Graduates" was arranged on 28/3/2023.

The event aimed to provide valuable insights into the latest advancements and emerging technologies that are shaping the civil engineering industry. The expert talk featured renowned professionals and experts from the civil engineering field who shared their expertise and knowledge with the diploma graduates. The event covered a wide range of topics, highlighting the technological trends that are revolutionizing various aspects of civil engineering. 45 students attended this lecture.



## Expert Lecture On Career opportunity after civil diploma graduates

On 29-03-2023, the Civil Engineering department organized an expert talk focusing on "Career Opportunities after Civil Diploma Graduates." The event aimed to provide valuable insights and guidance to the diploma graduates regarding the various career paths available to them in the field of civil engineering.

The expert talk featured renowned professionals and industry experts who shared their experiences, expertise, and knowledge with the diploma graduates. They discussed a wide range of career opportunities and provided guidance on how to navigate the job market successfully. The event started with an overview of the current job market trends in the civil engineering industry. 36 students had attended this lecture.





### Workshop on Modern Surveying Equipment

Civil department has organized two-day workshop on Modern Surveying Equipment on 08/06/2023 and 09/06/2023. In this workshop practical industrial problem is given to solve as exercise. DGPS (Differential Global Positioning System) is a valuable skill for Diploma in Civil Engineering students. DGPS is a more accurate and precise positioning technology compared to traditional GPS. It allows for real-time correction of GPS signals, resulting in improved accuracy and reliability in surveying and mapping applications. As a civil engineering student, acquiring DGPS skills can enhance your proficiency in various areas, including: Land Surveying: DGPS can provide accurate measurements of land boundaries, topographic features, and construction sites. By understanding DGPS principles, you can efficiently conduct surveys, establish control points, and collect precise spatial data.



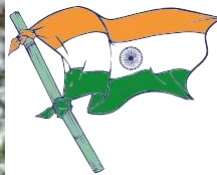




## NATIONAL CADET CORPS CELL

### 1. REPUBLIC DAY CELEBRATION

Republic Day commemorates the adoption of the Constitution of India on January 26, 1950. Constitution of India came into effect, and the country became a sovereign state, declaring it a republic. We celebrate this day as citizen of independent country with pride and honor wholeheartedly. Our 62 cadets have participated in Ghandhy College, with 1 sword commander, 8 guard of honor, 4 pilots.



### 2. RIFLE SHOOTING TRAINING

On 6<sup>th</sup> may, 2023, we have organized a firing event for the NCC cadets. 30 cadets have participated in this event, in which 9 SW cadets & 21 SD cadets. as a cadet, it is most loved event in NCC.



### 3. Punit Sagar Abhiyan (Waterbody's Cleaning)

Punit sagar abhiyan was introduced in NCC, on 1st december 2022. It is about cleaning near the coastal or river areas. On 25/05/2023, 35 cadets have participated in this event at jagdishchandra bose muncipal aquarium near it.







#### 4. Punit Sagar Abhiyan Rally (Plastic Free India Drama)

Punit sagar abhiyan is for the cleaning for the areas. 29 cadets were participated on 30/05/2023 in the rally & 11 cadets were participated in the plastic free drama. Rally was to spread awareness to the people surrounding us. 10 min of drama were also performed.



#### 5. 9<sup>th</sup> International Yoga Day

On 21/06/2023, 9<sup>th</sup> International yoga day was celebrated. Surat had made the new world record of 1.5 lakh person performing the yoga at a time. Being cadets, we also get opportunity to perform yoga. 17 cadets have participated in this event.



#### FINISHING SCHOOL

##### 1. Life skills and Employability Skills SET A and SET C

During the first phase held from 13/02/2023 to 17/02/2023 and 20/02/2023 to 24/02/2023, the program comprised two core elements: Life Skills (Set A) and Employability Skills (Set C).

Under the Life Skills segment, students engaged in interactive sessions covering SWOT analysis, self-esteem, empathy, teamwork, goal setting, concentration, self-discipline, critical thinking, stress management, problem solving, and more. The Employability Skills component focused on practical aspects like writing cover letters and resumes, interview strategies, group discussions, grooming, etiquette, time management, and leadership, among others.

The training successfully involved 52 students from various departments - Civil, Auto, Electrical, Mech., IT, PE, DTPT, DTMT - empowering them for their professional journeys.



"The harder you work for something, the greater you'll feel when you achieve it"



## 2. Functional English skills 1 & 2 SET B & SET D

Taking place from 30/01/2023 to 03/02/2023 and then continuing from 06/02/2023 to 10/02/2023, this phase revolves around honing essential English language skills. It features a combination of interactive functional and spoken English training modules, tailored to enhance communication proficiency.

In this phase, students are meticulously guided through a range of critical communication skills in English. They cover a spectrum of topics including self-introduction techniques, adeptly describing individuals, mastering everyday English usage, constructing well-formed sentences, crafting coherent paragraphs, grasping phone etiquette and manners, building an enriched vocabulary, speaking English accurately, mastering the art of effective communication, and participating actively in group discussions.

A total of 52 students actively participated in this phase, absorbing valuable insights and strategies to improve their English language capabilities. This phase serves as a pivotal foundation for their effective communication in diverse professional and personal contexts.



## SPORTS WEEK

Our college hosted a vibrant Sports Week, spanning from 10/04/2023 to 15/04/2023. The event featured a diverse array of games that brought together students and faculty members alike. Cricket, volleyball, chess, badminton, carrom, and table tennis comprised the exciting lineup of activities.





The participation response was overwhelming, with a substantial number of students enthusiastically taking part in these games. Notably, our dedicated faculty members also engaged fervently, showcasing their sportsmanship in each of the games.



The Sports Week was executed seamlessly, reflecting the collective efforts of the organizers and participants. It stands as a testament to the spirit of sportsmanship and camaraderie within our college community.

## INTERNATIONAL YOGA DAY

We celebrated the International Yoga Day on 21/06/2023 in our college, embracing the theme 'Yoga for Vasudhaiva Kutumbakam' or 'Yoga for the Welfare of All as One World-One Family'. The event witnessed the wholehearted participation of both staff members and students, who came together to practice yoga and commemorate this special day.



## SCIENCE FEST 2023

The Science & Humanities Department of Dr. S. & S. Ghandhy College organized "Science Fest 2023" on April 29, 2023, under the "ISTE Student Chapter". The event included working model demonstrations, poster presentations, and a quiz competition, all focused on the theme "Global Science for Global Wellbeing". Students from different branches participated, marking the first inclusion of higher semester students (4 & 6).



A team of 17 faculty members from each department, as directed by the principal, ensured the event's smooth execution. Around 297 students from each department registered for the competitions. Of these, 136 students engaged in the quiz, 81 students presented 28 projects, and 20 students showcased 8 poster presentations. Additionally, 30 students volunteered.



The exhibits, covering topics like energy sources, automation, sensors, and textiles, were displayed in various labs and corridors. The quiz on renewable energy, digital tech, climate change, and food security took place in designated halls. Expert lecturers judged the competitions.



The prize distribution ceremony for the different competitions was conducted on the same day at 5:00 PM in the seminar hall of the institute's administrative building. The ceremony was efficiently managed by volunteer students, adding to the success and coordination of the entire event.



## Review and Justification of PEOs of Diploma Automobile Program

In 2021, the Automobile Engineering program received a 3-year accreditation from the National Board of Accreditation (2021-2024). To ensure ongoing quality, the department held a stakeholder meeting on April 27, 2023.

The focus was on reviewing and validating the program's educational objectives (PEOs), developed collaboratively with industry, faculty, students, and alumni. The stakeholders unanimously endorsed the current PEOs, finding them well-aligned with industry needs. Suggestions included prioritizing soft skills and incorporating advanced Electrical and Electronic technologies into the curriculum, reflecting the program's commitment to excellence and industry relevance.





45 automobile stake holders attended this meeting.  
PEOs approved by the stakeholders are:

### Program Educational Objectives (PEOs):

The program in Automobile Engineering will prepare students

1. To make successful career in the field of Automobile service, manufacturing, Road Transport, Motor Insurance, and allied automobile sector.
2. To pursue and excel in higher education for their professional development.
3. To demonstrate professional ethics and ethos with life-long learning, contributing to the betterment of the society.



### **Snake Awareness Program "KNOW YOUR FRIEND"**

Organized by Automobile Department

In line of Fundamental Duty number 7 of our constitution (Protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures)

Eco-club of Automobile Engineering Department promote ethos of conserving nature and encourage students as well as society to indulge in constructive action to achieve the goal.

An event titled Snake Awareness Program-Know Your Friend" was organized on 23/03/2023 in collaboration with "WECT-Wildlife Education & Charitable Trust" Surat, supported by NSS cell of the institute and coordinated by Ms. Supriti Maitra, LAE & Coordinator of Eco club & team.

The guest speaker & president of the NGO, Mr. Pratik Parmar, educated the participants about different types of snakes, their characteristics and behaviour. He and his team also demonstrated the first aid technique for snake bite. This program truly helped dispel myths and misconceptions about snakes and promoted responsible attitude towards them. First-aid for snake bite demonstrated by WECT team was a lifesaving technique which can reduce the mortality due to snakebite. 15 staff members and 95 students were benefited through this program.



### **Parent Teacher Meeting**

Organized by Automobile Department

A Gathering of teachers & parents aimed at exchanging information about child's academic progress like his attendance, marks in internal





examinations and about child's social attributes like his behaviour and discipline, punctuality etc organized at our department on 17/01/2023. 45 students of 3<sup>rd</sup> semester along with their parents were present in this meeting.



### SSIP AWARENESS SEMINAR

Organized by Automobile Department

A seminar to aware students about SSIP was organized for students of 2<sup>nd</sup> semester, Automobile Engineering Department on 24/05/2023. Seminar makes students learn about SSIP funding facilities, innovation and out of box thinking, various case studies of student projects funded under SSIP. 57 students were present in this lecture.

Following topics were discussed with students.

1. About SSIP cell.
2. Start up and opportunities.
3. Entrepreneurship.
4. Innovations.
5. Case studies of Innovation by students.



### National Youth Day Celebration under Azadi Ka Amrut Mahotsav Organized by Electrical Department

Electrical department had celebrated National Youth Day on 12/01/2023. 31 students were present in this celebration.

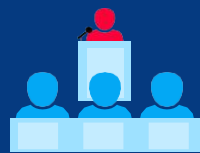


### Sahid Din Celebration

Our college celebrated Shahid Din in the honor of our brave martyrs who have laid down their lives for the country. Every year on 30th January, India celebrates Martyrs' Day or Shaheed Diwas. The day has been chosen to honour our brave martyrs who have laid down their lives for the country. A two-minute silence in memory of Indian martyrs is observed throughout the country. All Staff members of college and students were present for two-minute silence in memory of Indian martyrs.







# ISTE & CTE approved one-week STTP

## "Applications of Power Electronics in Power Systems"

Organized by Electrical Department

Electrical Engineering Department of Dr. S. & S. S. Ghandhy College of Engg. & Tech., Surat organized ISTE, New Delhi and CTE, Gandhinagar approved One Week STTP on "Applications of Power Electronics in Power Systems" from 19th June 2023 to 23rd June 2023 in which 26 faculties of 14 different Government as well as Self-Financed, Diploma and Degree Engineering Institutes across Gujarat state of Electrical Engineering branch participated. Various eminent speakers from SVNIT, Surat and Industries were invited to share their knowledge and expertise on various topics explaining role of power electronic circuits and devices in Electrical Power Systems.



As a part of the training a one-day visit to Torrent Power Air Insulated Substation and Gas Insulated Substation, Puna gam where the participants gained knowledge about operation of 220kV/66kV air insulated and SF<sub>6</sub> Gas insulated substation. On the same day the visit to Transformer maintenance workshop of Torrent Power was also arranged where the participants gained knowledge about maintenance, condition monitoring and testing of transformers, SCADA based operation of transformers, APFC panels etc.

The event concluded with a video message for the participants from Joint Director of CTE Shri Sachin Parikh in which he laid emphasis on importance of training for faculties.



"In learning, you will teach, and in teaching, you will learn." – Phil Collins

## 04 | TRAINING & PLACEMENT CELL

### Companies Visited for Placement

COMPANY NAME	DATE OF INTERVIEW (DD/MM/YY)	NO. OF STUDENTS PARTICIPANTS
CMR GREEN CAMPUS DRIVE	24/05/2023	26
CEAT TYRES HALOL POOL CAMPUS DRIVE	11/05/2023	47
L & T JET CAMPUS ONLINE TEST	04/01/2023	33
AMNS	20/01/2023	06 (selected)
Schaffler	21/02/2023	10
China Steel	8/5/2023	10
CMR	24/05/2023	10
Welspun, Dahej	12/6/2023	06 (selected)
L&T HEAVY ENGINEERING	04-01-2023	30
ARCELORMITTAL NIPPON STEEL INDIA PRIVATE LIMITED, SURAT	27 to 30-01-2023	52
GODREJ & BOYCE	08-02-2023	26
SRF LIMITED	15-02-2023	32
SHREEJI AUTOMATES PVT LTD (TATA MOTERS)	03-02-2023	20
RELIANCE INDUSTRIES	24/25-02-2023	23
MEINHARDT	24-03-2023	8
ADITYA BIRLA GROUP	05-04-2023	12
CEAT TYRE	20-04-2023	15
L& T POWER	27-04-2023	11
Smegenys	12/05/2023	3



दिल ना-उम्मीद तो नहीं नाकाम ही तो लम्बी है राग की शाम मगर शाम ही तो है - फैज़ अहमद फैज़



# TPO DASHBOARD - Glimpse

## Facilities in the Dashboard

- Dashboard:** Graphical & Numerical Result Analysis (Customized)
- Main sheet:** List of all Students and Test wise marks & ranks
- Result sheet:** Gives Result sheet of individual student
- Top Scorer:** Toppers by average of all tests
- Marks filter:** Customized analysis of strong and weak students
- Test Details:** List of tests and attendance

### Test Details

SN	Test Code	Subject	Date	Max. Marks	No of Stdnt
1	PT-1	English Grammar	8/7/2022	50	309
2	PT-2	Mathematical Aptitude	21/08/2022	50	319
3	PT-3	Non-verbal Aptitude & Logical Reasoning	22/12/2022	50	310
4	PT-4	Technical Aptitude (Non-verbal)	22/12/2022	40	279
5	PT-5	English Grammar	9/3/2023	50	152



### Grade Analysis

COUNT of Grade	Grade	A	B	C	D	E	F	Grand Total
Branch								
Automobile	0			10	41	17		1
CIVIL		2	18	28	24	8		48
DTMT								18
ELECTRICAL	1	5	15	38	25	3		55
IT		3	11	24	11	1		21
MECHANICAL		6	65	64	33	5		40
Metallurgy			4	8	3			1
Power Ele			5	8	7			7
Grand Total	8	1	16	128	210	120	17	191

### Attendance Analysis

COUNT of Grade	Days present	1	2	3	4	5	Grand Total
Branch	0						
Automobile	1	4	3	9	33	18	68
CIVIL	48	31	18	16	12	3	128
DTMT	18						18
ELECTRICAL	55	23	24	29	11	1	143
IT	21	11	15	13	11		71
MECHANICAL	40	41	42	33	33	24	213
Metallurgy	1			2	3	8	14
Power Ele	7	4	2	6	4	4	27
Grand Total	191	114	104	108	107	69	691

रात को जीत तो पाता नहीं लेकिन ये चराग़

कम से कम रात का नुकसान बहुत करता है -इरफ़ान सिद्दीकी

## 05 | FACULTY PARTICIPATION DETAILS

### 1. TRAINING DETAILS:

SR. NO.	FACULTY NAME	START DATE	END DATE	TRAINING NAME	ORGANIZER
1.	Mrs. S. S. Ganatra	13/03/2023	17/03/2023	Digital Video Development	NITTTR, Bhopal
2.	Ms. S. S. Maitra	20/02/2023	24/02/2023	Automation In Manufacturing Technology	NITTTR, Bhopal
3.	Mr. R. J. Ladumor	27/03/2023	31/03/2023	Smart Industry	NITTTR, Bhopal
4.	Mr. A. D. Patel	27/03/2023	31/03/2023	Smart Industry	NITTTR, Bhopal
5.	Mr. K. V. Jadav	17/06/2023	18/06/2023	IPDC	BAPS CAMPUS BOTAD
6.	Mr. N. J. Patel	17/06/2023	18/06/2023	IPDC	
7.	Mr. V. C. Prajapati	20/03/2023	24/03/2023	Learning Research Analysis And Data Visualization	NITTTR, BHOPAL
8.	Mr. A.M. Ambaliya	17/06/2023	18/06/2023	IPDC- FDP	BAPS CAMPUS SALANGPUR
9.	Mr. A.M. Ambaliya	27/03/2023	31/03/2023	Air Cargo Handling & Management	NITTTR, online
10.	Mr. A.M. Ambaliya	23/01/2023	14/04/2023	Fundamentals Of Automotive System	MOOC- Online
11.	Mr. B. D. Shankar	27/03/2023	31/03/2023	Air Cargo Handling & Management	NITTTR, Bhopal- Online
12.	Mr. B. D. Shankar	17/06/2023	18/06/2023	FDP- IPDC	BAPS CAMPUS SALANGPUR
13.	Mr. J. J. Gopani	17/06/2023	18/06/2023	FDP ON IPDC	
14.	Mr. H. V. Gohil	17/06/2023	18/06/2023	FDP- IPDC	
15.	Mr. H. V. Gohil	27/03/2023	31/03/2023	SMART INDUSTRY	NITTTR, Online
16.	Mr. J. J. Gopani	27/03/2023	31/03/2023	Air Cargo Handling & Management	
17.	Mr. P. B. Surani	12/06/2023	23/06/2023	Induction Training Phase-I	NITTTR, BHOPAL, Vanue-SVNIT, Surat)
18.	Mr. V. L. Miyani	12/06/2023	23/06/2023	Induction Training Phase -1	
19.	Mr. M. H. Koladiya	17/06/2023	18/06/2023	FDP- IPDC	BAPS Campus Salangpur
20.	Mr. M. H. Koladiya	27/03/2023	31/03/2023	Air Cargo Handling & Management	NITTTR, Online
21.	Mr. A. D. Patel	20/02/2023	24/02/2023	Automation In Manufacturing Industry	NITTTR, Bhopal





22.	Ms. M. I. Oza	30/1/2023	3/2/2023	Prompting Innovation and Entrepreneurship In Technical And Vocational Professionals	NITTTR, Online
23.	Mrs. S. C. Patel	02/01/2023	07/01/2023	Sustainable Practices in Environmental Engineering	C.K Pithawala, Surat
24.	Mr. V. S. Rajput	13/03/2023	17/03/2023	Technology Enabled Learning and Assessment	NITTTR, Bhopal
25.	Mr. D. C. Rajput	30/01/2023	03/02/2023	Blended Learning	NITTTR, Bhopal
26.	Mr. M. G. Shaikh	20/02/2023	24/02/2023	Patent Drafting And Filing	DTE - Ihub, Ahmedabad
27.	Mr. N. K. Ribinwala	02/01/2023	13/01/2023	Digital Techniques For Learning Resources Development	NITTTR, Bhopal
28.	Mr. V. J. Vadiwala	13/03/2023	17/03/2023	Digital Video Development	
29.	Ms. K. D. Uchdadiya	27/02/2023	03/03/2023	Transportation System and Network Design	
30.	Mr. D. P. Navadiya	27/02/2023	10/03/2023	Developing Pathway For Climate Change	
31.	Ms. S. M. Patel	19/06/2023	23/06/2023	Entrepreneurship And Start-Ups in Context of NEP 2020	NITTTR Bhopal (Online Mode)
32.	Mr. M. J. Joshi	27/03/2023	31/03/2023	Operation and Maintenance of Science Lab Equipment	NITTTR Bhopal
33.	Ms. K. N. Patel	19/06/2023	23/06/2023	Application Of Power Electronics In Power System	Electrical Department, SSGP Surat
34.	Mr. S. U. Dalwani	19/06/2023	23/06/2023		
35.	Ms. K. H. Patel	19/06/2023	23/06/2023		
36.	Mrs. T. H. Patel	19/06/2023	23/06/2023		
37.	Ms. U. M. Patel	19/06/2023	23/06/2023		
38.	Dr. S. K. Patel	12/06/2023	23/06/2023	Induction Training Phase-1	NITTTR Bhopal (Venue- SVNIT Surat)
39.	Mr. P. V. Mistry	12/06/2023	23/06/2023		
40.	Mr. J. R. Chavda	12/06/2023	23/06/2023		
41.	Mr. D. J. Prasad	20/02/2023	24/02/2023	Outcome Based Education and Accreditation Digital Video Development	NITTTR, Bhopal
42.	Ms. K. H. Patel	13/03/2023	17.03.2023		
43.	Ms. M S Bhadigar	23/01/2023	14/04/2023	Leadership And Team Effectiveness	MOOC (Online)



44.	Mr. C D NAKRANI	23/01/2023	14/04/2023	Leadership And Team Effectiveness	MOOC (Online)
45.	Dr. Jay Mehta	27/03/2023	31/03/2023	Professional Growth and Mental Health	FPD Organized by Gokul Global University, Siddhpur
46.	Ms. A. H. Rajavada	23/01/2023	17/03/2023	Online NPTEL Based MOOC Training On "Graph Theory"	IISER, PUNE
47.	Dr. Jay Mehta	05/06/2023	09/06/2023	Exploring The Educational Potential of Chatgpt	FPD Organized by Gokul Global University, Siddhpur
48.	Dr. Jay Mehta	26/06/2023	30/06/2023	Research Awareness: Publication Database and Journal Selection	FPD Organized by Gokul Global University, Siddhpur
49.	Ms. N. M. Chaudhari	23/01/2023	14/04/2023	Leadership And Team Effectiveness	IIT Roorkee
50.	Mr. U. D. Shukla	23/01/2023	10/02/2023	Induction Training Phase-1	NITTTR, Bhopal
51.	Mr. P. PADHARE	06/02/2023	17/02/2023	Induction Training Phase-1	NITTTR, Bhopal

## 2. EXPERT LECTURE DELIVERED:

SR. NO.	FACULTY NAME	DATE	TOPIC	VENUE
1.	Mr. C. A. Gajjar	20/05/2023	Comprehensive Review on Object-Oriented Programming with C++	Online- (CHARUSAT UNIVERSITY)

## 3. PAPER PRESENTED/PUBLISHED:

SR. NO.	FACULTY NAME	DATE	TITLE	ORG	JOURNAL NAME	Remarks
1.	Ms. S. M. Patel	10/02/2023	Microstructure, Mechanical Properties and Corrosion Behaviour of Mg-Cu And Mg-Cu-Mn Alloys	KPR Institute of Engineering & Technology, Coimbatore, Tamilnadu	-	Best Paper Presentation Certificate-
2.	Dr. Jay Mehta	19/03/2023	Logotherapy In Manjhi, Life of Pi And Cast Away	Vanita Vishram. Women's University	Paper Presentation In National Conference	-





3.	Mr. D. C. Rajput	18/06/2023	Assessing The Decadal Groundwater Level Fluctuation: A Case Study of Gujarat, India	-	LARHYSS, Scopus Indexed Journal	-
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#### 4. BOOK PUBLISHED:

Sr. No.	FACULTY NAME	YEAR OF PUBLICATION	TITLE	PUBLISHER	CONFERENCE NAME
1.	Mr. H. V. GOHIL	12/03/2023	Current Research and Future Trend In Solar Pond With Solar Distillation System: A Systematic Review	PDEU, GANDHINAGAR	2ND INTERNATIONAL CONFERENCE "ADVANCES IN WATER TREATMENT & MANAGEMENT"

#### 5. WEBINAR ATTENDED

Sr. No.	FACULTY NAME	DATE	TOPIC	ORGANIZER
1.	All Faculty Members of Automobile Engineering Department	10/01/2023	Consumer Awareness & Cyber Security	TRAI (Telecom Regulatory Authority Of India)
2.	Mr. B. L. Prajapati	01/02/2023	MYSY Scrutiny Process	CE-Ahmedabad
		17/02/2023	Financial Empowerment And Career Opportunities In Securities Market	GEC-Dahod/GP-Dahod/AMFI
		20/02/2023	Strategy For Managing Personal Finance	Women & Child Development Society-Dhubri-Assam & AMFI
		18/02/2023	Workshop on Personal Financial Planning and Wealth Creation through Mutual Fund	NIT-Warangal/AMFI
3.	Mr. H. V. Gohil	18/03/2023	Holistic Value Based Education	K. C. Law College, Bombay
		18/06/2023	Pedagogical Skills Workshop	FDP - 2023, BAPS Sarangpur
		24/06/2023	Holistic Value Based Education	Udhna College, Surat

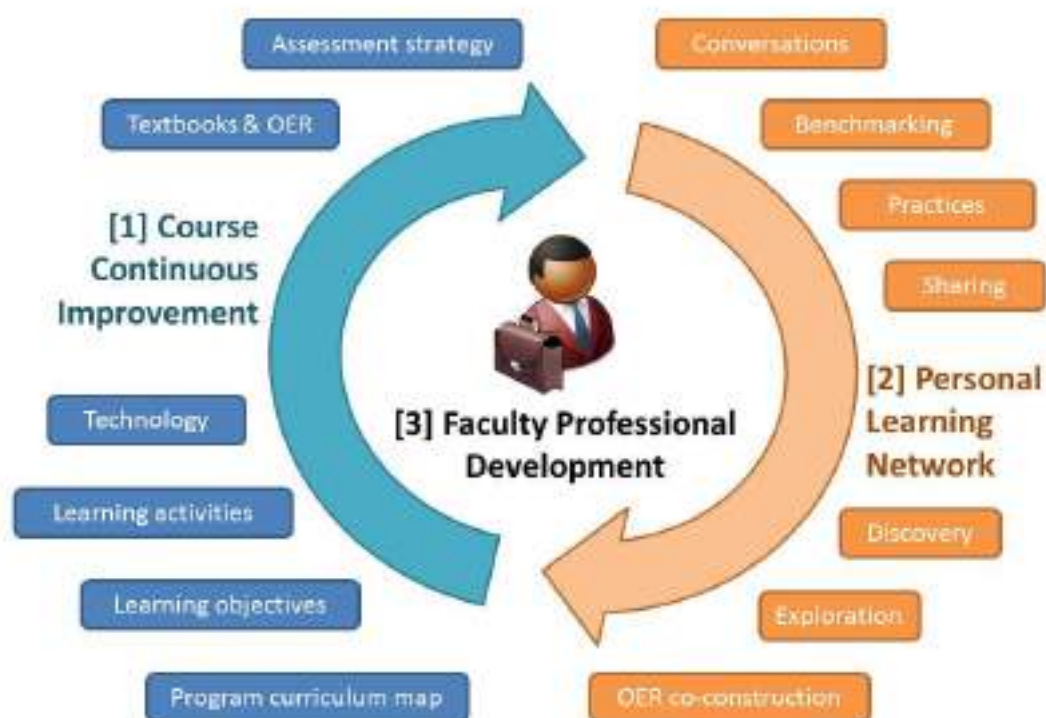


## 6. PARTICIPATED IN QUIZ

SR. NO.	FACULTY NAME	DATE	TOPIC	ORGANIZER
1.	Mr. B. D. Shankar	07/06/2023	Hands On Practice Of NDT	Mechanical Engineering Department
2.	Mr. J. J. Gopani	17/04/2023	GET SET GOAL	Mechanical Engineering Department
3.	Mr. B. L. Prajapati	14.01.2023	G20 Summit	SCOPE Gujarat
		26.01.2023	Republic Day-Unnat Bharat Abhiyan	KEC-Katihar (Bihar)
		27.01.2023	Verb Form	SCOPE Gujarat
		07.03.2023	International Women's Day	SCOPE Gujarat

## 7. PARTICIPATED IN NCC CAMP

SR. NO.	FACULTY NAME	DATE	CAMP DETAIL	ORGANIZER
1.	Lt. Nirmal Patel	01/06/2023 to 10/06/2023	Combined Annual Training Camp (CATC) at GNLA, Jeetnagar	5 Gujarat Battalion NCC, Surat







# CONGRATULATIONS FOR RECEIVED GOLD MEDAL

in 12<sup>th</sup> convocation of GTU on 02/02/2023

Aditya Singh  
(Metallurgy)



Akshay Rana  
(Electrical)



Chotaliya Tribovan  
(Automobile)



Rana Rohan  
(Power Electronics)



## STUDENT PARTICIPATION DETAILS

SR. NO.	STUDENT NAME	DATE	TYPE OF ACTIVITY	REMARKS
CIVIL ENGINEERING DEPARTMENT				
1.	Raval Harsh	12-04-2023 & 13-04-2023	International Conference Recent Advances in applied science & engineering (Raise 2023-MSU Vadodara)	Subject-A Brief review of rainfall & temperature trend analysis method & their application
2.	Patel Kunj			
3.	Desai Kunj			
4.	Patel Vatsal			
5.	Rathod Gunjan			
6.	Ghandhi Jay	23/01/2023	Project award vishwakarma Yojana (Phase- IX)	Award 3rd rank (best village documentary Film) - chalthan
7.	Kanani Manthan			
8.	Rana Akshay			
MECHANICAL ENGINEERING DEPARTMENT				
9.	Vyas Dev Divyeshbhai	29/4/2023	3rd Rank in Science Fest-Quiz 2023	SSGP-SURAT
10.	Raval Tejas Dineshbhai			
11.	Singh Nikhil Harikesh			
12.	Prajapati Parthik Dineshbhai			
13.	Patel Meet Kirtikumar	25/4/2023	2nd Rank in Bridge It	Anveshan-23 Technical Fest GEC, Surat
14.	Kesur Divyesh K			
15.	Salunke Hammesh D.		1 <sup>st</sup> Rank in Cad Challenger	
16.	Tanish Sunil Punamiya			
17.	Tanish Sunil Punamiya		1 <sup>st</sup> Rank in Mock Test	



## METALLURGY ENGINEERING DEPARTMENT

18.	Saiyad Siddik	5/6/2023	Participated in workshop	Advanced Energy Storage Systems
19.	Ranjit Choudhary			
20.	Farida Zaveri			
21.	Dipesh Patel			
22.	Kinjal Patel			
23.	Chirag Parmar			
24.	Dev Parmar			
25.	Kishan Gohil			



## પિતા માટે બાળકો શું હોય તે હવે સમજાય છે: પ્રો.મયૂર કોલડિયા

GPSC ક્લાસ 2 ઓફિસર અને કવિ તથા હોસ્ટ તરીકે જાણીતા મયૂર કોલડિયા કહે છે કે, 'આજે ભલે હું આટલો



આગળ વધ્યો છું, પરંતુ તેના મૂળમાં મારા પિતાનું જલિદાન રહેલું છે. મારા પિતા ભાવનગરમાં એક સામાન્ય ખેડૂત હતા એટલે આર્થિક સ્થિતિ તો નબળી હતી જ પરંતુ ગામમાં 10 ધોરણ પછી અભ્યાસની સુવિધા પણ ન હતી. જો કે ધોરણ 10 માં મારા 90% આવ્યા હતા એટલે પપ્પાએ ગમે તે રીતે પૈસાની સગવડ કરીને અમદાવાદમાં એડમિશન અપાવ્યું અને હું મિકેનિકલ એન્જિનિયર બની શક્યો. આજે સુરતમાં મારા પપ્પા મારી સાથે જ રહે છે અને મારા પ્રોગ્રામ કે લખાણ સંદર્ભે જ્યારે પણ મારો ફોટો છાપામાં આવે ત્યારે એક સંતોષની લાગણી એમના ચહેરા પર દેખાય છે. એ સમયને તો હું પાછો નહીં લાવી શકું પરંતુ પિતા આપણાં માટે કર્ય કરે ત્યારે સમજાતું ન હતું પરંતુ આજે મને સમજાય છે કે પિતા માટે સંતાનો શું હોય છે.'

ગજરાત મિત્ર સિટી પલ્ક 16/06/23 શકવાર

- મયૂર કોલડિયા  
લેકચરર મિકેનિકલ

### હું એક અટવાયેલો મેકેનિકલ એન્જિનિયર

EDના ડ્રોઈંગમાં ને, MDના ડ્રાફ્ટિંગમાં,

Mathsના સમમાં ને, EMના સૂત્રમાં,

હું એક અટવાયેલો મેકેનિકલ એન્જિનિયર

FOEની સર્કિટમાં ને, PHYSICSની કડાકૂટમાં,

MSMના મટિરીઅલમાં ને, SOMના એક્ઝામ્પલમાં,

હું એક અટવાયેલી મેકેનિકલ એન્જિનિયર

TDની સાઈકલમાં ને, FMHMના લૂઈડમાં,

TOMની થિયરીમાં ને, Thermalના બોઈલરમાં,

હું એક અટવાયેલો મેકેનિકલ એન્જિનિયર..

PMSના મેન્ટેનેન્સમાં ને, M&Iના ઇન્સ્ટ્રુમેન્ટમાં,

Toolના ફિક્સચરમાં ને, DMEના ફેઈલરમાં,

હું એક અટવાયેલો મેકેનિકલ એન્જિનિયર

ECCના કોસ્ટિંગમાં ને, MEના વર્કશોપમાં,

PPEના પ્લાન્ટમાં ને, IMના મેનેજમેન્ટમાં,

હું એક અટવાયેલો મેકેનિકલ એન્જિનિયર.

- કેયૂર ઝાંઝરુકિયા  
STUDENT, MECHANICAL

દુનિયાને જોયાંની, જાણ્યાંની, સમજ્યાંની  
સમજણ લાગે છે જ્યારે પાંગળી,  
ત્યારે ઝાલી લઉં પપ્પાની આંગળી.

પપ્પા રમકડાંની આખ્ખી દુકાન,  
મારા પપ્પા તો દોમ દોમ સાલ્યબી,  
પપ્પા તો સાહસની વારતાનો દેશ,  
મારા પપ્પા એક દુનિયા અલાયદી.  
લાખ લાખ યત્નોથી કુંકું ને તોય જ્યારે  
વાગે ના જીવનની વાંસળી,  
ત્યારે ઝાલી લઉં પપ્પાની આંગળી.

શબ્દોથી વરસે તે દુનિયાનો પ્રેમ અને  
મુંગે મોં વરસે તે પપ્પા,  
તાળીઓ ને વાહ વાહ દુનિયાની રીત  
અને અંદરથી હરખે તે પપ્પા.  
આંખોથી દર્દોનું વહી આવે પૂર,  
એને પાંપણ શકે ના જ્યારે નાંગળી,  
ત્યારે ઝાલી લઉં પપ્પાની આંગળી.

-મયૂર કોલડિયા



- SHEIL SAMMY  
STUDENT, MECHANICAL



# CREATIVE HANDS



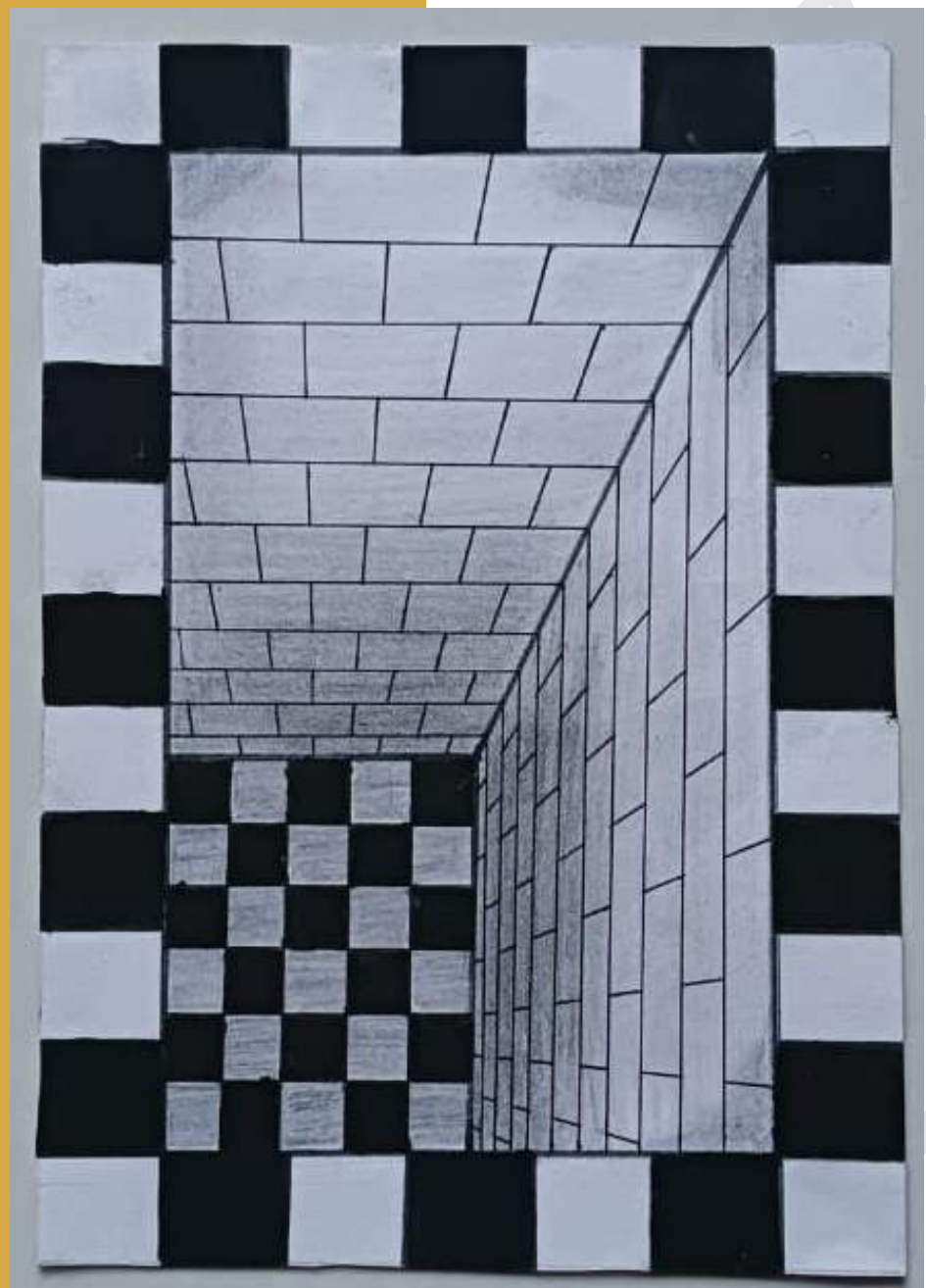
## Sketches by students

**Sheil Sammy**  
**Student, Mechanical**



**PC: Khushbu Ravall,**  
**Faulty, Civil**

**Vineet Kukadiya**  
**Student, Civil**



**Sheil Sammy**  
**Student, Mechanical**





# MONSOON SPECIAL

SSGP - GREENARY IN THE HEART OF THE CITY

***SURROUNDED  
BY MOVING  
MACHINES OF  
WHOLE CITY,  
SSGP  
MAINTAINED  
ITS NATURAL  
BEAUTY***



ઓછુંકા વરસાદમાં બે ચીજ કોરી કટ્ટ  
એક અમે પોતે અને બીજો તારો વટ્ટ  
નેવાં નીચે ઓસરી, આંખો નીચે ગાલ  
નખથી નક્કરો સુધી જળ આંબ્યું આ સાલ  
- રમેશ પારેખ



# SSGP - NATURAL BEAUTY AT ITS BEST

BEAUTY THAT  
NEVER FADES







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