

E-NEWSLETTER GOVERNMENT POLYTECHNIC BHUJ

ISSUE 8,JAN-JUNE 2024



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Institute Profile



Government Polytechnic, Bhuj is a Diploma Engineering Institute situated in Bhuj City of Kutch District. The institute is governed by Directorate of Technical Education, Government of Gujarat and affiliated to Gujarat Technological University, Ahmedabad. The institute is equipped with robust infrastructure, experienced faculty and enthusiast academic environment. It strives to provide quality education and produce skilled Diploma Engineers since its inception in 1987. The institute is approved by All India Council for Technical Education of India and offers Diploma Engineering Programs in Five Branches Namely Civil Engineering, Computer Engineering, Electrical Engineering, Mechanical Engineering and Mining Engineering.

Vision

Produce competent diploma engineers to serve industry and society.

Missions

- 1. Impart technical knowledge and skills through dynamic learning environment.
- 2. Mobilize institute resources for co-curricular and extra-curricular activities.
- 3. Create strong institute-industry linkages to enhance students' employability and entrepreneurship.

Principal's Message



It is a proud moment for me to launch another issue of our newsletter, "ZEST." I commend Team ZEST for their dedicated efforts in covering all the academic and co-curricular activities of the Institute.

This year, various departments organized many interesting activities like expert lectures, industrial visits, webinar and poster presentation to enhance students' knowledge and skills. I appreciate the support of our experienced and enthusiastic teachers who

continuously work for the upliftment of students. We are committed to providing an environment of creativity, utmost care along with the academic rigor that is necessary for overall development of our students.

I congratulate my staff and students for their academic as well as other achievements. I wish you all a good luck in your future endeavors. Keep striving hard.

-Dr.G.V.Lakhani



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Civil Engineering Department

1. Airforce Station Visit

Air Force station Bhuj invited students and faculty members of GP Bhuj for the celebration of republic day 2024. They displayed Military Equipment for the public under the concept of "Know Your Armed Forces". On 26th January 2024, 13 students from Civil department visited Air force station and observed the exhibition by armed forces.

2. SAR Submission for NBA Accreditation process:

As per the directives of our head office, with team work of all staff members of GP Bhuj, Civil department submitted Self-Assessment report(SAR) on NBA portal for year 2023-24.

3. Site visit of Construction site at Airport, Bhuj



Repair and Renovation work of Airport, Bhuj is currently under progress by authority of Airport.

Massive Civil work to upgrade the existing Airport building is being implemented on site. In order to provide practical exposure to construction work, Site visit was organized on $05^{\rm th}$ April ,2024 by civil department .18 students from $4^{\rm th}$ semester of Civil

department along with 4 faculty members Mr. N.V.Thaker, Mr.B.V.Thacker, Mr.Y.D.Jethva, and Mr.B.P.Patel were present during site visit of Airport. Mr Naveen Kumar Sagar, Airport Director extended warm support and provided guidance to the students.Mr Rakesh, Site Engineer provided detailed information about ongoing project and discussed various constructional aspects.

4. Site visit of Construction work of redevelopment of New Bhuj railway station: -

The modernization work of the New Bhuj railway station is in full swing. The station is being redeveloped at an estimated cost of Rs 179.87 crore. The construction work is targeted to be completed in 24 months. To take advantage of such massive construction site exposure, site visit was organized on 06th April ,2024 by civil department .18 students from 4th semester of Civil department along with 4 faculty members Mr .Y.D.Jethva, N.V.Thaker Mr.B.P.Patel Mr.N.V.Prajapati were present during site visit of railway station. Mr Naresh Nagrecha extended warm support and detailed information about ongoing project and discussed various constructional aspects.





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5. Expert Lecture on" Construction site Supervision Practices".



Expert Lecture was organized by Civil Engineering department for 4th and 6thSemester students of Civil Department on the topic of "Construction site Supervision Practices" on 16th April,2024. Mr. Chetan Solanki and Mr.Deepraj K. Patadia, Assistant Professors from Darshan University, Rajkot, delivered lecture on above mentioned topic and explained in detail about various terminology related to Construction Site Supervision Practices.

6. Training Programme on "Hands on practice of modern Surveying Equipments" in collaboration with Alumni members of GP Bhuj Civil Department

Training Programme on Hands on practice of modern Surveying Equipments like DGPS and Total Station was organized by Civil department on 18th May ,2024. Alumni members of GP Bhuj Shri Dinesh Gajara from Swaminarayan Consultancy demonstrated the use of DGPS. Jignesh Prajapati and Mr. AkshayBhanushali demonstrated Total Station with hands on practice for students. Faculty members Mr. N.V.Thacker , Mr. Y.D.Jethwa and Mr B.P.Patel ,Mr.V.S.Khemchandani accompanied in entire training programme



7. Student Participation in BIS Awareness Programme



All Students of sem 4, Civil department, participated in "Quality Connect 5.0"Training programme "Youth-To-Youth Connect Campaign" organized by Bureau of India Standards(BIS), Gandhidham branch with intention to provide awareness about consumer rights.

8. Department Achievement: With Team work of All Staff members and with the excellent support from R&B Department, Bhuj Proposal for Repairs and renovation work at GP, Bhuj of Rs .170.58Lakhs had been sanctioned by our head office CTE, Gandhinagar and administrative approval for the same is given on 15th March ,2024.



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Computer Engineering Department

1.Webinar on design elements & AI tools

Shivai Digital Media organized a Google Meet webinar on design aspects and AI tools for the computer department of Government Polytechnic, Bhuj on 18th May, 2024.Mr. Shahil Makawana, an expert from Shivai Digital Media, shared his knowledge on the fundamentals of design, core web design, AI web design, generating images with AI, and content writing with AI. About fifty computer department students gained knowledge from this webinar.



2.Expert Lecture on MERN STORR



On 4th May, 2024, the Department of Computer Engineering at Government Polytechnic, Bhuj hosted an expert lecture on MERN STORR, organized by DIT Academy. Students received guidance from DIT expert Vishal Nayak regarding a range of technologies that aid developers in creating scalable and reliable JavaScript web applications. The words MongoDB, Express, React, and Node make up the acronym "MERN." Students were also monitored by the department head Dr. J. A. Patel and principal Dr. G. V. Lakhani. About seventy

students from the department received benefits.

3.Tree Plantation

On 27thJune, 2024, the Department of Computer Engineering organized a tree plantation event. All the Faculties and students are participated in the event.



Electrical Engineering Department



1.Expert Lecture: An expert lecture was organized on 12th March 2024, for the 2nd semester students of Electrical Engineering. The topic of the lecture was "Network Analysis Importance and Techniques". Mr. Vasim Ghanchi (Lecturer, Electrical Engineering Department, Government Polytechnic, Chhotaudepur) delivered it. Fifty students benefitted from this lecture.



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Mechanical Engineering Department

1. IndustrialVisit: Mother Dairy, Madhapar

On 29th April 2024, 25 students from the 4th semester of the Mechanical Engineering Department had an insightful educational visit to Mother Dairy, Madhapar. The visit was coordinated by Mr. K. H. Siju and Mr. J. C. Makani, dedicated lecturers in the Mechanical Engineering Department.

The visit aimed to provide students with practical exposure to the operations and processes of one of the leading dairy processing units in the region.



Mr. K. H. Siju emphasized the importance of such industrial visits in bridging the gap between theoretical knowledge and real-world applications. Mother Dairy officials appreciated the enthusiasm and curiosity of the students, expressing their support for future educational collaborations.

2. Industrial Visit: Rohit Enterprise, GIDC Bhuj

On 4th May 2024, a group of students from the Mechanical Engineering Department visited Rohit Enterprise, a renowned manufacturer of China clay machinery, industrial tanks, and tanker



tanks, located in GIDC Bhuj. The visit included 10 students from the 6th semester and 19 students from the 4th semester.

The educational visit was coordinated by Mr. V. M. Gadhavi and Mr. M. M. Rana for the 4th semester students, and Mr. D. M. Chauhan and Mr. S. M. Sanghavi for the 6th semester students. The aim was to provide students with practical exposure to the manufacturing processes and mechanical systems involved in producing industrial equipment.

Mr. V. M. Gadhavi highlighted the importance of such visits. Rohit Enterprise officials were impressed by the students' enthusiasm and interest, and expressed their commitment to supporting educational initiatives.

3. Industrial Visit: Bharat Engineering, GIDC Bhuj

On 4th May 2024, a group of students from the Mechanical Engineering Department visited Bharat Engineering, a leading manufacturer of agricultural equipment located in GIDC Bhuj. The visit included 10 students from the 6th semester and 19 students from the 4th semester.





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The educational visit was coordinated by Mr. D. L. Suthar and Mr. V. D. Patel, esteemed lecturers in the Mechanical Engineering Department. The primary goal of the visit was to provide students with practical exposure to the manufacturing processes and mechanical systems involved in producing advanced agricultural equipment.Mr. D. L. Suthar emphasized the importance of such industrial visits.

4. Expert Lecture on "3D Printing"



On 15th February, 2024, An expert lecture was organized for final year students on "3D Printing" by Department of Mechanical Engineering at Government Polytechnic – Bhuj.

The expert lecture lasted from 11:00 hours to 03:00 hours, in which the technology from the beginning of 3D Printing till today was informed. Prof. VatsalVaghasia inspired the students to be enterprising. A student of mechanical department is also working on this project.

To make this program successful Mr. K. H. Siju (LME), Mr. N. K. Prajapati (LME), T.P.O. Team, Head of Mechanical Department and Principal Dr. G. V. Lakhani gave their contributions.

5. Expert Lecture on Futuristic Technologies in Mechanical Engineering

An enlightening expert lecture on "Futuristic Technologies in Mechanical Engineering" was held on 15th April 2024 at the Thermal Lab, Government Polytechnic Bhuj. The session was attended by 11 students from the 6th semester and 13 students from the 4th semester of the Mechanical Engineering Department. The event was coordinated by Mr. V. M. Gadhavi and Mr. D. M. Chauhan, dedicated lecturers in the department.



The lecture featured Mr. Ankur Tank and Mr. Yash Tank from Darshan University, Rajkot, who provided valuable insights into the latest advancements and future trends in mechanical engineering.

6. Poster Presentation on Mission Life and Environment Protection



A poster presentation was held on 30th April 2024 under the Mission Life and Environment Protection Cell. Approximately 50 students participated in showcasing their projects focused on environmental conservation and sustainability. The event was coordinated by Mr. N. K. Prajapati and Mr. K. H. Siju, with departmental oversight by Mr. D. M. Chauhan. The presentations highlighted innovative approaches and solutions for environmental

protection, demonstrating the students' commitment to creating a sustainable future.



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7. Celebrates Achievements and Farewell Ceremony

Government Polytechnic Bhuj's Mechanical Engineering Department held a memorable event on 3rd May 2024 at the Auditorium Hall, celebrating academic excellence, student innovation, and bidding farewell to the graduating class of 2024. Mr. V. M. Gadhavi anchored the event, while Mr. K. H. Siju presented department achievements. Mr. V. D. Patel and Mr. M. M. Rana ensured impeccable hospitality, and Mr. S. M. Sanghvi delivered a gracious vote of thanks. The occasion included insightful mentor speeches by Mr. D. M. Chauhan, Mr. D. D. Pandya, and



Mr. N. K. Prajapati, representing the 2021, 2022, and 2023 batches respectively. Dr. S. H. Vora, HOD of Mechanical Engineering, and Dr. G. V. Lakhani, Principal, delivered inspiring speeches, emphasizing the department's achievements and the bright futures ahead for the graduates. The event concluded with a parent-student intersection and feedback session, fostering strong bonds between the institute and parents.

Mining Engineering Department

1. Industrial Visitat AshapuraMinchem Ltd.

On 15thFebruary, 2024, 21 students from the Mining Engineering department visited AshapuraMinchem Ltd.'s Innovation and Knowledge Centre in Madhapar, Bhuj. This educational excursion provided an invaluable opportunity for students to gain practical insights into the mining industry. Dr. Sanjeev Bhasin, the Group Head of R&D, guided the visit, offering his expert knowledge and experience. Dr. Bhasin's in-depth explanations on various aspects of mining and innovative techniques processes enriched the students' understanding of the field. The visit also included a tour of the facility, where students observed cuttingedge technologies and methodologies in



action. This hands-on experience was instrumental in bridging the gap between theoretical knowledge and real-world application, inspiring future mining engineers to pursue excellence and innovation in their careers. This visit is arranged by Mr. J. N. Chavda.



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2. Industrial VisitatGadhsisa Calcined Bauxite Project, GMDC Ltd.



One-day Industrial visit was organized by Mining Engineering Department on 22nd February 2024 at GMDC ltd (Gadhsisa Calcined Bauxite Project.) This visit was arranged for our 6th semester students for their Project purpose and introducing latest technologies used in Mining Industry. Total 8 students of final year attended this Industrial Visit.

During this visit, students visited two Mines: - Roha Kotda Bauxite Mine &Naredi Bauxite Mine. This visit was arranged by two faculty members Mr. R.K. Patel & Mr. J.K. Patel.

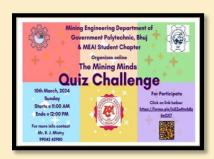
3. Educational Visit to Geological Sites near Bhuj and Kodki.

On 27th of February 2024, students from G.P. Bhuj and Lalan College embarked on an educational excursion to the geological sites near Bhuj and Kodki. This visit, organized by Mr. S. C. Dabhekar, aimed to provide an enriching experience, shedding light on the natural formation and historical significance of the land. The students were guided by Dr. Darshit Padia, an expert from Lalan College, Bhuj who provided comprehensive insights into the region's geological features. This hands-on learning



experience allowed participants to witness firsthand the intricate details and marvels of geological formations, fostering a greater appreciation for Earth's dynamic processes.

4. The Mining Minds Quiz Challenge.



The Mining Engineering Department at Government Polytechnic, Bhuj, proudly hosted "The Mining Minds Quiz Challenge" on 10th March, 2024. Organized by Mr. R. J. Mistry, a dedicated lecturer in the department, the event aimed to foster a deeper understanding of mining engineering among students and ignite their competitive spirit. 106 students participated in this event.

5. Expert Lecture

On 2ndMay 2024, from 11:30 am to 1:30 pm, Mr.Harpalsinh Jadeja from the Madh project of GMDC Ltd delivered an expert lecture at the Mining Engineering Department of Government Polytechnic Bhuj. The lecture, titled "Exploring Surface Mining Technology," delved into the latest advancements and methodologies in surface mining. The expert, leveraging his extensive experience, highlighted





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innovative techniques, equipment, and sustainability practices that are transforming the mining industry. The session provided valuable insights for students and faculty, emphasizing the significance of modern technology in enhancing efficiency, safety, and environmental stewardship in surface mining operations. This expert lecturewas arranged by Mr. S. S. Shah.

6. MEAI Student Chapter, GP Bhuj



In the current year, a total of 23 students from the final year of the Mining Engineering program became members of the chapter. This chapter was established on 09thNovember 2022 in the Mining Engineering Department of Government Polytechnic Bhuj. The chapter received approval from the Mining Engineer's Association of India, Ahmedabad. This student chapter provides an opportunity for students to connect with professionals in the mining industry and gain hands-on experience through various

activities and events organized by the association.

7. Project Expo 2024

The Mining Department of Government Polytechnic Bhuj proudly organized the "Project Expo-2024" on 4thMay, 2024, Saturday. This event, held in the Mining Seminar Hall, provided a platform for mining students and faculty members to exhibit their innovative projects and research. Attendees had the opportunity to explore a variety of projects that demonstrated the ingenuity and technical skills of the students of which details are as follows:



Name of Student	Project Guide	Project Title	
GagalHimmatlal, Team Leader	Shri C. V. Thakor	Measurement of strength index of various	
PadhiyarLakshmanji		rock samples by self-designed impact strength testing apparatus as per the specified standards used for laboratory instruments	
Prajapati Virendrakumar			
KanzariyaPrashantkumar		nist direits	
Jadeja Tirthrajsinh, Team Leader	Shri R. K. Patel	Separation of various minerals depending on its specific gravity by self-designed	
Dabhi Parag		portable vibrating screen working lab model	
Jadeja Jayrajsinh	Silli R. R. I acci		
Jethva Harshdipsinh			
Yogender Sharma, Team Leader		Portable air dust sampler to assess the quality of air by designing its working model used in laboratory	
Jadeja Dikshrajsinh	Shri S. G. Srivastav		
Koriya Harshad			



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Harijan Kishore		
SOLANKI DHRUVKUMAR, TEAM LEADER		Use of Virtual Labs for making Contour
OD MITUL	Shri S. C. Dabhekar	profile
Patel Dev		

The expo aimed to foster a collaborative environment, encouraging the exchange of ideas and fostering a spirit of innovation. It was an excellent opportunity for students to receive feedback from their peers and faculty.

Science and Humanities Department

1. Science Day Celebration

The Science & Humanities Department at the Government Polytechnic Bhuj was buzzing with enthusiasm and intellectual curiosity as it hosted the National Science Day Celebration-2024. This special event was marked by an expert talk, which is the centerpiece of our report. The session was intended to inspire the next generation of scientists, engineers, and researchers by connecting them with current leaders in the field of science and technology.



Expert talk by Dr. L.K. Sanghavi and Dr. N.P. Joshi

was a profound reminder of the power of scientific innovation and its capacity to address global challenges. It underscored the importance of multidisciplinary approaches in science and highlighted the ethical considerations that must accompany technological advancements. The event which was coordinated by Dr. H.D. Patel and Dr. M.H. Vyas, not only celebrated scientific achievements but also fostered a spirit of curiosity and responsibility among participants. The event was photographed by Dr. R.K. Soni.

2. Tree Plantation Drive

Tree Plantation Drive was conducted in the department on 5th June, 2024 to raise awareness amongst students about the importance of trees for the environment and encourage them to participate in activities that can help protect the environment. The faculties of Applied Mechanics, and Science and Humanities Department took an extra effort to make this event successful. Students of all the departments participated enthusiastically in the event and planted saplings. They were encouraged by Principal Dr. Gaurang Lakhani and other faculties to visit the site and monitor growth and development of plants. Convener Mr. R.J.Hathi, Co-convener Ms.K.V.Harpal, Dr. L.K Sanghvi, Dr.H.D.Patel, Mr.E.U.Ganchi, Ms. J.N. Thacker, Dr. M.H. Vyas, Dr. R.K.Soni and Dr. N.P.Joshi guided and motivated students to organize and participate in environment friendly activities every year.



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3. DDCET Exam Lectures by Departmental Faculties

From the admission year 2024-25, the State Government has decided to allot admission of the Diploma Engineering students to Degree Engineering of various universities of the State, based on the DDCET examination. To provide guidance on the New Entrance Test (DDCET) and information regarding the online admission process of Diploma-to-Degree Engineering to aspiring students, the department of Science and Humanities organized guidance sessions at Government Polytechnic, Bhuj.



Principal's Achievements



On 16th May 2024, a career guidance seminar on pursuing a career in diploma engineering was organized at Adani Medical College. The seminar featured a lecture by Dr. G V Lakhani, an esteemed expert in the field. The event was hosted by Kutch Mitra and Adani Foundation and attended by prominent figures including the Collector, DDO, and DEO.

The seminar focused on enlightening attendees about the opportunities and prospects in the field of diploma

engineering. Dr. Lakhani's insightful lecture provided valuable insights into building a successful career in this domain. The presence of eminent personalities added prestige to the event and enhanced the learning experience for all participants.

The seminar served as a platform to inspire and guide individuals towards a rewarding career path in diploma engineering, aligning with the mission of promoting technical education and skill development.



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- > Dr. G.V. Lakhani also served as a DTE Representative and NBA Expert at G.P Himatnagar from 2/2/2024 to 4/2/2024.
- As a member of GTU Inspection committee, He inspected at Tolani college (12/2/24) and Veerayatan Vidhyapith college for Academic Betterments (23/2/2024).
- He was appointed as the subject expert By GTU in Selection panel for Interview for the faculties at HJD college, Kera on 23/05/2024.

Faculty Achievements



- 1. Dr. H. D. Patel, Lecturer in Mathematics contributed a talk entitled "The power series wise Armendariz graph of a commutative ring" in the 5th Prof. P. C. Vaidya National Conference on Mathematical Sciences organized by the Center of Education, Indian Institute of Teacher Education (IITE), Gandhinagar during 19-20 February, 2024.
- 2. Dr. H. D. Patel, Lecturer in Mathematics has received a grant of Rs. 20,000/- for the Minor Research Project (MRP) under Research Promotion Scheme (RPS) entitled "Some problems from the complement

of the weakly annihilating-ideal graph of a commutative ring" with effective from 15th April, 2024 and approved by IQAC, Gujarat Technological University, Ahmedabad.

3. Dr. Maitri Vyas published her paper entitled 'Different Shades of Motherhood in Shashi Deshpande's Novels' in a book - M 'other' hood: Challenges and Transcending Dimensions in May 2024. (Pg. – 7-15, ISBN:978-81-973466-3-7). She successfully completed the MOOC course English Language for Competitive Exams and secured Elite level with silver medal.





- 4. Dr. Ritu K. Soni, a lecturer from the department of Science and Humanities, was declared the topper with an Elite Silver Certification in the examination conducted by NPTEL for a 12-week course titled 'English Language for Competitive Exams' during January to April 2024.
- 5. In a 12-week MOOC course on computer network and internet protocol, which ran from January to April of 2024, Mr. P. B. Thacker, a lecturer from computer department, received an elite gold certificate for passing the exam.





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6. In a 12-week MOOC course on computer network and internet protocol, which ran from January to April of 2024, Mr. M. G. Taunk, a lecturer from computer department, received an elite gold certificate for passing the exam.

7. On 6th March 2024, Shri Bhanushali Lalji Arjan and Shivji Devji High School in Mothala, Abdasa Kutch, organized a "Vocational Guidance Program". The event aimed to provide students with insights into various career opportunities, particularly in the mining field. In this program, Mr. S. G. Srivastav and Mr. S. C. Dabhekar were invited as the Chief Guests. Both delivered enlightening speeches on the current scenario and opportunities in the mining sector.

Shri S. G. Srivastav highlighted the technological advancements and sustainable practices transforming the mining industry. He encouraged students to pursue education and training in relevant fields to tap into these emerging opportunities. Shri S. C. Dabhekar shared his experiences and provided practical advice on how students can navigate their career paths in this dynamic sector.





8. Research paper of Mr. B.V. Thacker had been published on 29th May ,2024 in Indian Journal of Science and Technology which is UGC Care –II listed, WoSApproved RenownedJournal Details of manuscript is as under "Microwave-assisted Chitosan based Activated Bentonite (CAB) for Cr (VI) removal from Acid Mine Drainage. Indian Journal of Science and Technology, 17 (21), 2207-2217." DOI: 10.17485/IJST/v17i21.94.

9. Mr. K. H. Siju (LME) and Mr. N. K. Prajapati published paper on "A Comprehensive Analysis of 3D Printing Technologies and its Applications" in International Research Journal of Engineering and Technology (IRJET), volume 11, issue 6, June 2024. e-ISSN: 2395-0056.



10. Mr. K. H. Siju (LME), Mr. N. K. Prajapati (LME), Mr. J. C. Makani (LME), Mr. D. B. Lokwani (LME) have successfully completed and scored as Elite & Topper in MOOC on "Education for Sustainable Development" organized by NPTEL, during January - April 2024. (12 Weeks).





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11. Mr. D. M. Chauhan (LME) has successfully completed and scored an Elite & Silver medal in MOOC on "Education for Sustainable Development" organized by NPTEL, during January - April 2024. (12 Weeks).

12. Spotlight on Excellence: Achievements of Mr. D. B. Lokwani

D. B. Lokwani has recently garnered significant recognition in the marathon running community with his outstanding performances in various prestigious events. Here is a look at his remarkableachievements:



1. First Rank in Night Run 2 Half Marathon

Event: Night Run 2 Half Marathon,

Organizer: Shree Agrawal Samaj Gandhidham and Black Panther

Sports Club,

Location: Gandhidham, Date: 20th January 2024,

Achievement: Secured 1st rank

2. Completion of MG Vadodara Half Marathon

Event: MG Vadodara Half Marathon

Location: Vadodara
Date: 7th January 2024

Achievement: Successfully completed the Half Marathon

3. Finisher Title in Garmin Century Challenge

Challenge: Garmin Century Challenge

Duration: 2nd September to 10th December 2023

Distance: 488.65 km

Achievements:

Gender Rank: 75 out of 4199

City Rank: 1 out of 4

Group Rank: 56 out of 3923

Earned Title: The Boss

4. Outstanding Performance in December Challenge by Indian Runners

Challenge: December Challenge Run Every Day

Organizer: Indian Runners

Duration: 1st to 31st December 2023

Distance: 207.84 km

Achievements:

Gender Rank: 8, City Rank: 1, State Rank: 1, Finisher Rank: 8

Active Days: 28 out of 31









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Mr. D. B. Lokwani's achievements reflect his extraordinary commitment, endurance, and skill in long-distance running. His top rankings and completion of multiple challenging events underscore his dedication to the sport and his remarkable athletic capabilities.

Student Corner

Two Students from 4th semester, Ms Chopdar Rumanabanu and Ms Gauswami Mahek delivered expert lecture for awareness about consumer's rights and various activities undertaken by Bureau of India Standards(BIS)



Student Startup and Innovation Cell



It is noteworthy that Government Polytechnic Bhuj-Kutch is currently the only government polytechnic institution with a grant available under the government's "Student Start-up and Innovation Policy 2.0" [SSIP 2.0], which students can use for their innovative and entrepreneurial project efforts. For the above-mentioned two projects, the institution has deposited a total of $\ 2\ 33,070\ directly$ into the students' accounts during the month of June.

The Principal of the institution, Dr. Gaurang V. Lakhani, says that innovation and entrepreneurship are essential for industrial development in the country. The institution, along

with the university and the technical education department of the government, continues to encourage such activities for the students of Government Polytechnic-Bhuj.

Government Polytechnic Bhuj's Mechanical Department has been awarded a grant through the SSIP (Students Startup and Innovation Policy) for two outstanding projects developed by final-year students.

The first project, "Solar Power Operated Automatic Solar Panel Cleaner," is an innovative solution for maintaining solar panel efficiency. Led by JhalaVishwa, the project uses Bluetooth technology to control a solar-powered cleaner via mobile phone, enabling users to clean panels remotely. Regular cleaning significantly boosts panel efficiency. The project's mentor, Mr. D. B. Lokwani (LME),



highlighted that this renewable energy initiative is being considered for a patent due to its unique approach.



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The second project, "Make 3D Printer for PLA Material Components," involves the creation of a 3D printer capable of producing complex shapes through additive manufacturing. Led by Ninad Bhatti, the team built a printer with dimensions of 235x235x300 mm that prints using PLA (Polylactic Acid). The students successfully printed various objects, including car parts, a slider mechanism, and a mobile holder. Mentor Mr. K. H. Siju acknowledged the challenges of working with new technology and praised the students' year-long dedication. Support from Mr. VatsalVaghasia, a PhD candidate specializing in 3D printing at PDEU, was instrumental in completing the project. This initiative has inspired students to consider launching their own startups in the future.

The head of the Mechanical Department, Dr. Sagar Vora, expressed his happiness and stated that the first project was created under the Innovation Idea category, and the second project was created under the Start-up Idea category. He provided necessary guidance to the students for patent filing.

Memorandums of Understanding (MoUs)

- 1. The Department of Mechanical Engineering at Government Polytechnic Bhuj recently signed Memorandums of Understanding (MoUs) with Gujarat Institute of Desert Ecology, Bhuj on 03rd May, 2024 for strategic partnership for expert lecture, field visit, internship and training in the field of Environment and Ecology.
- 2. Government Polytechnic, Bhuj, is pleased to announce the signing of a Memorandum of Understanding (MoU) with SPOKEN Tutorial, an initiative by IIT Bombay, to enhance technical training for its students. This collaboration aims to provide students with advanced skills and knowledge in various technical domains, thereby enhancing their employability and industry readiness.

Standard Club

1 A seminar on "Bureau on Indian Standards and Standard Club" was organized at Government Polytechnic in Bhuj.

On 17thFebruary, 2024, Government Polytechnic Bhuj organized a program on the "Standards Club" as part of an initiative to enhance understanding of Quality and Standardization. This activity related to the Standards Club for students is supported by a government grant. It is expected to familiarize diploma engineering students with the principles and functions of the Bureau of Indian Standards (BIS) across various industries.





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Mr. D.D. Pandya, lecturer in Mechanical Engineering Department, provided an introduction to the Standards Club. He outlined the activities organized by the club. At the program, each participant was provided with relevant information about the Standards Club through a QR code.

2. Standard Writing Competition

On 9th April, 2024, at the Auditorium of Government Polytechnic Bhuj, a Standard Writing Competition was organized by the Standard Club of the Institute under the guidance of Mr. Divyanshu Lokwani, Lecturer of the Department of Mechanical Engineering and Mentor of the Institute's Standard Club.

The program was graced by the presence of two special guests from BIS Rajkot Branch Office, Mr. Prahlad Patel, Senior Scientist and Mentor at BIS RJBO2 and Mr. Ved Prakash Sharma, Director, BIS RJBO2.



The program started with a welcome speech by the Principal of the Institute, Mr. Dr. Gaurang Lakhani. This was followed by a brief introduction to standards and standard writing by Shri Lokwani.

The distinguished guests provided valuable insight and guidance to the students on the subject of Standard Writing. After the guidance session, around 40 students participated in the writing competition. The program concluded with the evaluation of entries and selection of winners.

3. Industrial Exposure Visit

On 2nd May 2024, An Industrial Exposure Visit, with the assistance of BIS Gandhidham branch,



was organized by the Standard Club of Government Polytechnic Bhuj.It aimed to provide students with practical insights into industrial processes. The visit took place at Somnath Boards Pvt Ltd, a prominent manufacturer of plywood Flush doors and block boards, located near Gandhidham. 30 students and 2 staff members, Shri D D Pandya and Shri D B Lokwani, from the Mechanical Engineering branch of Government polytechnic, Bhuj participated in the visit.

The visit commenced at 10:00 am, with all Standard Club members and staff boarding for Somnath Boards Pvt Ltd. Upon arrival, the participants were welcomed by company owner Mr. Ramesh Patel and Mr. Mehul Patel and then introduced to Mr. Haresh Kumar, the Production Manager at the company, who graciously guided everyone through the manufacturing processes of plywood, flush doors, and ply board. The visit provided



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students with a comprehensive understanding of industrial operations, from raw material processing to the final product assembly. Students observed the intricate procedures involved in the production of plywood, flush doors and ply boards., including drying, pressing, wood cutting, and finishing stages.

National Cadets Corps (N.C.C.) Unit

Government Polytechnic Bhuj NCC Cadets Excel in Diverse Activities



Recently, the NCC cadets of Government Polytechnic Bhuj have showcased outstanding skills in a variety of enriching activities. Highlighting their achievements, one cadet participated in EBSB I at Kera Kutch from 23rd January, 2024, to 3rd February, 2024. In another notable feat, two cadets embarked on the Sailing Expedition Menu: 2024 (Saurashtra Naukayan 2024) held at Veraval from 20th February, 2024, to 2nd March, 2024.

Further, a group of fourteen cadets actively engaged in the CATC Camp at Saraspar, Rudramata, Bhuj, spanning from 15th June, 2024, to 24th June, 2024. Last year, during a CATC camp, a cadet from Government Polytechnic Bhuj, alongside fellow cadets, displayed courage by rescuing SW cadets on a boat from Tapper Dam. As a result of this heroic act, he was encouraged with an award from the 5th Guj Naval Unit. One outstanding cadet was selected for Overseas Deployment, a rare opportunity accomplished successfully from 2ndMarch, 2024, to 8th April, 2024. During this deployment, cadets gained invaluable insights into naval routines, customs, and had the chance to perform adventurous tasks alongside Indian Navy trainees from various states on Indian Navy ship INS Sujata.

In recognition of his dedication, NCC Officer Mr. J C Makani received a Commendation Award from ADGNCC Gujarat Directorate on 15th March, 2024. Principal Dr. G V Lakhani, ANO SLt J C Makani, department heads, and faculty members have consistently encouraged and motivated cadets to actively participate in such prestigious events.

Gymkhana Activities



potential.

1. Vibrant Gujarat 2024 Visit

On 12th January, 2024, a group of 10 students and one faculty member Shri J. N. Chavda embarked on an enriching visit to the Vibrant Gujarat Summit 2024. This annual event, heldin Gandhinagar, served as a global platform for networking, knowledge exchange, and showcasing Gujarat's economic



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The visit offered a unique opportunity for students to interact with industry leaders, policymakers, and entrepreneurs from various sectors. The students also had the chance to explore various exhibitions, witnessing groundbreaking projects and initiatives that underscore Gujarat's commitment to progress and development.

The visit was guided and supported by Dr. G. V. Lakhani, Principal G. P. Bhuj, and Mr. S. C. Dabhekar (Event Nodal Officer).

2. Republic Day Celebration

The Government Polytechnic Bhuj celebrated Republic Day on 26th January 2024 with great enthusiasm. The event witnessed the participation of approximately 34 students and 18 staff members. The celebrations began with the singing of the National Anthem, which filled the atmosphere with a sense of patriotism. Dr. Maitri Vyas (LS&H) hosted the event. The highlight of the event was the hoisting of the National Flag by Dr. G. V. Lakhani, Principal G. P. Bhuj headed by Mr. Shamra Gadhvi (I/C SSI), symbolizing the spirit of unity and freedom. The celebration concluded on a joyful note with everyone enjoying refreshments together.



3. Air Force Station Visit

On 26th January 2024, the students and faculty members, from Government Polytechnic Bhuj had the privilege of visiting Air Force Station Bhuj. A total of 167 students and 24 faculty members visited the place, which turned out to be an incredible experience. The Air Force Station showcased an impressive display of military equipment, including fighter jets, radars, missile systems, and associated weapon systems. The most exciting part of the event was the breathtaking flying show performed by Microlight Aircraft, which left everyone amazed.

4. Sports and Cultural event



Government Polytechnic Bhuj proudly hosted a dynamic three-day Sports and Cultural Program from 18th to 20th April, 2024, designed to promote companionship, showcase talent, and encourage holistic student development. The event featured a mix of sports and cultural activities catering to both male and female students, including box cricket, volleyball, badminton, chess, ludo, treasure hunt, solo dance, group dance, stand-up comedy, dhol playing and garba. The event saw enthusiastic participation from over 300 students across various diploma courses. Winners in each category were

honoured with certificates and medals. The program was inaugurated in the college auditorium, graced by the presence of chief guest Mr. Manishbhai Barot, Home Guard Commandant of West Kutch District., and student alumni Mr. Deepak Dangar and Mr. Nilay Goswami.



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The success of this program was made possible by the support of Dr. G. V. Lakhani and coordination & cooperation by Mr. Manmeet Vadher from the Gymkhana Department, Mr. S. C. Dabhekar, Mr. N. K. Prajapati, Mr. K. H. Siju, Mr. P. B. Thacker to ensure the success of this event as well as student co-coordinators Shivrajsinh Zala, Dhruvrajsinh Zala, Harshit Chauhan, Pragati Aahir, Nilrajsinh Gohil, Bhavyarajsinh Gohil, Mitarajsinh Zala, additionally the Gymkhana team's commentators, Mrs. S. P.



Jaradi, Mr. A. D. Jansari, Mr. J. K. Patel, Mr. R. K. Patel, Mr. H. A. Virda, , Mr. M. N. Dudhrejia, Mr. N. V. Prajapati, and Mr. B. P. Patel contributed to the event's success.

5: 10th World Yoga Day Celebration

On 21st June 2024, Gymkhana Cell of Government Polytechnic Bhuj successfully celebrated the 10th International Yoga Day. The celebration aimed to promote the physical, mental, and spiritual well-being of the participants through the practice of yoga. The event commenced at 07.15 am, with around 30 students and faculty members. A Gujarat Government-approved trainer named Smt. HarshabenBudhbhatti was present to lead the yoga asanas, ensuring that participants receive proper guidance.



The celebration was guided by Dr. G. V. Lakhani, Principal, and Mr. D. B. Lokwani (Nodal officer-1), Mr. S. C. Dabhekar (Nodal officer-2) Coordinator & Mr. R. K. Patel Member, Gymkhana Cell organized and provided full support for the event.

Finishing School Training Committee

1: Finishing School Training for Final year students



For developing Professional skills, employability skills, personality development skills etc. in students, finishing School training was organized by Government Polytechnic Bhuj's Finishing School Training Cell from 22nd February to 12th March 2024 (total 20 days) under the aegis of KCG Ahmedabad. In this training total 41 students from different departments participated out of which 40 students successfully completed the training.

Mrs. Utpala Vaidya was the empaneled trainer who gavethe best exposure of different skills to students and made them to practice the skills by performing various interactive tasks. Apart from this,Principal Dr. G. V. Lakhani and Coordinator of Finishing School Cell Mr. S. G. Srivastav



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and Co-Coordinator Mr. S. C. Dabhekar & Finishing School team motivated students to participate in such type of skill-based training.

Training and Placement Cell

1. District Level Mega Placement Fair 2024

On 6th March 2024, The Government of Gujarat successfully organized the District Level Mega Placement Fair 2024 at Shri R. R. Lalan College, Bhuj. The event saw enthusiastic participation from 43 students of Government Polytechnic Bhuj also. A total of 63 candidates were interviewed, out of which 16 students of GP Bhuj were shortlisted for various positions. The shortlisted candidates showcased remarkable talent and potential, reflecting the high standards of education and training provided by the institution.

No.	Name	Specialization	Industry Name
1	AJIT CHAUHAN	COMPUTER ENGINEERING	TATA AIA INSURANCE
2	FADADU ATIT RAMANIKBHAI	COMPUTER ENGINEERING	TATA AIA INSURANCE
3	KHANIYA NIRUPABEN JESINGBHAI	COMPUTER ENGINEERING	K D MOTORS - BHUJ
4	LAHERU UTSAV CHETANKUMAR	COMPUTER ENGINEERING	TATA AIA INSURANCE
5	MANKAD UNNATI VISHALBHAI	COMPUTER ENGINEERING	K D MOTORS - BHUJ
6	PAIKARAY AKASH DIBAKAR	COMPUTER ENGINEERING	GENUS ELECTROTECH LIMITED
7	YADAV ADITYA RAKESH	COMPUTER ENGINEERING	TATA AIA INSURANCE
8	BAROT KASHYAP AMRUTLAL	ELECTRICAL ENGINEERING	GENUS ELECTROTECH LIMITED
9	GUSAI MOKSHGAR VIJAYGAR	ELECTRICAL ENGINEERING	GENUS ELECTROTECH LIMITED
10	SOLGAMA ARPAN JANAKKUMAR	ELECTRICAL ENGINEERING	GENUS ELECTROTECH
11	TUSHAR VAJUBHAIDODIYA	ELECTRICAL ENGINEERING	INNOVSOURCE SERVICES PVT
12	TUSHAR VAJUBHAIDODIYA	ELECTRICAL ENGINEERING	AGROCEL INDUSTRIES
13	PATEL SARTHAK HARSHADKUMAR	MECHANICAL ENGINEERING	KS BIOMED SERVICES
14	KORIYA HARSHAD NARSHIBHAI	MINING ENGINEERING	D-MART -BHUJ
15	PRAJAPATI VIRENDRAKUMAR VIJAYBHAI	MINING ENGINEERING	D-MART -BHUJ
16	DABHI PARAG	MINING ENGINEERING	D-MART -BHUJ



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During the fair, Mr. D. M. Chauhan (TPO & LME) and Mrs. B. N. Nakhuva (Assistant TPO, LCE) accompanied students of GP Bhuj and ensured smooth and effective proceedings during fair.

2. SPOKEN Tutorial, IIT Bombay Training

Under the MOU signed with SPOKEN Tutorial, IIT Bombay, several training programs were conducted via video tutorials from SPOKEN Tutorial, covering various Free and Open Source Software (FOSS). The details of the training programs are as follows:

Sr. No.	Activity	Faculty Coordinator	No. of Student Participants
1	LibreOffice Suite Base	Mr. R. J. Mistry (LMnE) Mr. S. N. Heruvala (LMnE)	58
2	Arduino	Mr.V.A. Mistry (LEE) Ms. R. A. Vyas (LEE) Mr. K. M. Manek (LCE) Mrs. B. N. Nakhuva (LCE)	173
3	Java Business Application	Mr. K. M. Manek (LCE) Mrs. B. N. Nakhuva (LCE)	79
4	C and C++	Mr. K. M. Manek (LCE) Mrs. B. N. Nakhuva (LCE)	60
5	Bootstrap	Mr. K. M. Manek (LCE) Mrs. B. N. Nakhuva (LCE)	124
6	QCAD	Mr. D. M. Chauhan (LME) Mr. V. M. Gadhavi(LME)	120

3. Employability Skills Course by Wadhwani Foundation

The Commissionerate for Technical Education (CTE), Gandhinagar, is proud to announce a significant step towards enhancing student employability through a newly signed Memorandum of Understanding (MoU) with the Wadhwani Foundation. This collaboration introduces an Employability Skills course delivered via an innovative Android app, aiming to equip students with essential skills for the modern workforce.



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The course commenced on 1st November 2023 and ran until 30th March 2024, spanning five months. A total of 131 students from Government Polytechnic Bhuj actively participated in this program. The course curriculum, designed by Wadhwani Foundation, covered a wide range of crucial employability skills, including communication, teamwork, problem-solving, and critical thinking.

This partnership with Wadhwani Foundation marked a significant milestone in empowering students with the skills necessary to excel in their future careers.

4. Grade Assessment

The Commissionerate for Technical Education (CTE), Gandhinagar signed a Memorandum of Understanding (MoU) with GRADE to conduct the Career Pro Test, aimed at assessing and enhancing the employability skills of final-year students from Government Polytechnic Bhuj.

A total of 66 students from GP Bhuj participated in the Career Pro Test, with representation from various engineering disciplines: 23 from Computer Engineering, 10 from Mechanical Engineering, 13 from Electrical Engineering, 11 from Civil Engineering, and 7 from Mining Engineering. This comprehensive test focused on evaluating 11 key employability skills, including ability to undertaking task, communication, inclination to learn, focus, structured approach, work ethic, cohesiveness, engagement, stress management, motivation and mental acuity.

The collaboration between CTE and GRADE underscores a shared commitment to preparing students for successful careers. By providing detailed insights into their strengths and areas for improvement, the Career Pro Test empowered students to make informed decisions about their professional development.

Mission Life Program

Environment Protection Activity

The activity was conducted on 14th&15th February, 2024 at 04:00 to 6:00 pm at Hunnarshala, Bhuj, Kutch, karigarshala & Sankalan Training Centre, Bhuj

The genesis of Hunnarshala lies in the collaborations and associations that were built after 2001 earthquake in Kutch with an objective to capacitate people for reconstruction of their habitat.



Hunnarshala took off from projects which demonstrated processes controlled and managed by people themselves. This concept of people managing the processes had already been demonstrated in other sectors like crafts, savings & credits, etc.



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karigarshala believed that same concepts could be applied here also. Coming together of professionals, corporate and research scientists and NGOs in the aftermath of earthquake became an opportunity for this idea. It was the period when all kinds of talent came to Kutch and Hunnarshala came out of this melting pot.

Environment Protection Cell

1. Environment Protection Activity "DRIP IRRIGATION FROM PLASTIC WASTE"

The institution, under the guidance of the Environmental Protection cell, organized an innovative event titled "DRIP IRRIGATION FROM PLASTIC WASTE" on 31st January, 2024. The initiative aimed to explore sustainable solutions for reusing plastic waste in the context of drip irrigation, a water-efficient method of watering plants.



Under the proficient coordination of the students and staff, the institution successfully conducted a demonstration on how plastic waste can be repurposed for drip irrigation systems. This activity not only addressed the issue of plastic waste but also promoted water conservation in agricultural practices.

2. Tree Plantation Drive



The tree plantation drive was organized by Department of Science & Humanities, Applied Mechanics & Metallurgy-Government Polytechnic-Bhuj on 22nd May 2024. The tree plantation drive aimed to enhance the institute's green cover, promote environmental sustainability, and engage the institute community in a meaningful environmental conservation effort. The event witnessed enthusiastic participation from students, faculty members, administrative staff, and

volunteers from local environmental organizations. The tree plantation drive concluded successfully, fostering a sense of environmental stewardship and community engagement among participants. It marked a significant step towards greening the institute campus and contributing to broader environmental conservation efforts.

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Woman Development Cell

The Women Development Cell (WDC) of the institute organized a series of activities aimed at promoting the health and safety of female students, faculty members, and their families. Recognizing the prevalent issue of Anaemia among teenage girls, the WDC proactively initiated measures to address and mitigate this concern. As part of these efforts, in collaboration with the Bhuj Red Cross Society, conducted Hemoglobin Tests for female students and staff members in the auditorium hall on 4th May, 2024. The event was hosted by Ms. Kalpa Harpal, Lecturer in Applied Mechanics and Chairperson of WDC along with NSS and team members.



Institute Toppers (CGPA Wise)

DIPL SEM 5 - Regular (DEC 2023)

Top 10 students.

Sr No	Enrollment No	Student Name	CGPA
1	216210309003	SOLGAMA ARPAN JANAKKUMAR	9.87
2	216210307062	SONI RAJKUMAR VIMALBHAI	9.71
3	216210307027	KOTAK DEVESH HASMUKHBHAI	9.52
4	216210306005	SONAGARA HIMANSHU NARSHIBHAI	9.52
5	216210309036	GUSAI MOKSHGAR VIJAYGAR	9.45
6	216210307044	CHAUHAN JAYANTI MAVJIBHAI	9.19
7	226218309013	SADARIYA RENISHKUMAR RAMNIKLAL	9.17
8	216210307074	JOSHI MANSHI HIMANSHU	9.16
9	216210322016	YOGENDER SHARMA	9.13
10	216210309010	BAROT KASHYAP AMRUTLAL	9.12



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Media Coverage





સંદેશ

ભવિષ્યમાં પણ વિદ્યાર્થીઓને તાલીમ-નોકરીની જરૂર હશે તો મદદ કરાશે

ભુજ પોલિટેકનિકમાં જમીન માપણી સર્વેક્ષણની પ્રાયોગિક તાલીમ અપાઇ

। ભુજ । (સંદેશ પ્રતિનિધિ

ભુજની સરકારી પોલિટેકનિકમાં ભૂતપૂર્વ વિદ્યાર્થીઓના સહયોગથી સિવિલ

વિભાગના વિદ્યાર્થિઓ ફિલ્ડ સર્વેઈંગની અત્યાધુનિક પદ્ધતિથી માહિતગાર થાય તે માટે સંસ્થા ખાતે તાલીમ યોજવામાં આવી હતી.

સિવિલ વિભાગના જ જેં ભૂતપૂર્વ વિદ્યાર્થી દિનેશભાઇ ગજરાના સહયોગથી ફિલ્ડ સર્વેના અત્યાધુનિક સાધનો જેવા

કે DGPS અને Total Station નું પ્રાયોગિક જ્ઞાન આપવામાં આવ્યું હતું. જિજ્ઞેશભાઇ પ્રજાપતિ તેમજ અક્ષયભાઇ ભાનુશાલી દ્વારા જમીન માપણી માટેની પદ્ધતિનું ઓન સાઇટ પ્રેક્ટિકલ કરી અને વિદ્યાર્થીઓને માહિતગાર કરાયા હતા. પોલિટેકનિકના એલ્યુમની સભ્યો દ્વારા ભવિષ્યમાં પણ વિદ્યાર્થીઓને તાલીમ અને નોકરી માટે કોઇ જરૂરિયાત હોય તો મદદ કરવા કટિબદ્ધતા દાખવી છે.

સરકારી પોલિટેકનિકના આચાર્ય ડૉ. ગૌરાંગ લાખાણીએ તમામ મહેમાનોનો



આભાર વ્યક્ત કર્યો હતો. સિવિલ વિભાગ વડા એન.વી. ઠાકરે માતૃસંસ્થાનું ઋણ ઉતારવા મદદ માટે હંમેશાં તત્પર રહેતા ભૂતપૂર્વ વિદ્યાર્થીઓના યોગદાનને બિરદાવ્યું હતું.

સમગ કાર્યક્રમને સફળ બનાવવા માટે અધ્યાપકો યશરાજસિંહ જેઠવા, ભાવેશ પટેલ, નરેશ પ્રજાપતિ, એચ.એ વીરડા અને વિનોદ ખેમચંદાણીએ જહેમત ઉઠાવી હતી.

કરછ

BHUJ

યુવાપેઢીમાં જાગૃતિ લાવવાનો કરાયો પ્રયાસ ભુજની પોલિટેકનિક કોલેજના ૩૬ ૧ વિદ્યાર્થીનું થેલેસેમિયા ટેસ્ટિંગ કરાયું

ા ભુજ ા (સંદેશ પ્રતિનિધિ) ભુજની સરકારી પોલિટેકનિક કોલેજમાં કોલેજના એન.એસ.એસ. યુનિટ, એલ્યુમિની એસોસિયેશન, ગેટરી કલબ ઓક ભજ વોલસિટી તથા

રોટરી કલબ ઓફ ભુજ વોલસિટી તથા ઈન્ડિયન રેડક્રોસ સોસાયટીના સંયુક્ત ઉપક્રમે થેલેસેમિયા અંગેની જાગૃતિ તથા

અંગેની જાગૃતિ તથા પરીક્ષણનો કેમ્પ યોજાયો હતો, જેમાં ૩૬૧ છાત્રોનું થેલેસેમિયા ટેસ્ટિંગ કરાયું હતું.

પોલિટેકનિકના આચાર્ય ડૉ.જી.વી.

લાખાણી, રોટરી કલબ ઓફ્ર ભુજ વોલસિટીના પ્રમુખ રાજનભાઇ મહેતા,એલ્યુમિની એસોસિયેશનના પ્રમુખ દીપક ડાંગર, એન.એસ.એસ. પ્રોગામ ઓફ્સિર યશરાજસિંહ જેઠવા ઉપસ્થિત રહ્યા હતા. પ્રીતેશભાઈ ઠક્કરે જણાવ્યું હતું કે, યુવાપેઢીમાં થેલેસેમિયા અંગે જાગૃતિ આવે અને લગ્ન પહેલાં જેમ કુંડળી મેળવવામાં આવે છે તેની સાથે થેલેસેમિયા પરીક્ષણ કરાવાય તે જરૂરી છે. સરકારી

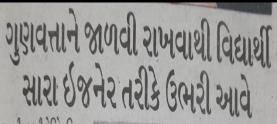


પોલિટેકનિક, ભુજના આચાર્ય ડૉ. જી. વી.લાખાણીએ થેલેસેમિયા જાગૃતિ અંગે વિદ્યાર્થીઓને માર્ગદર્શન આપ્યું હોવાનું આયોજકો દ્વારા જણાવવામાં આવ્યું હતું.



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ભુજની સરકારી પોલિટેકનિક ખાતે સેમિનાર યોજાયો

भारहर ल्यूज, भुष

જેમાં વિવિધ વિદ્યાશાખાના ફેક્ક્ટી - આચાર્ય ડૉ. ગૌરાંગ વી. લાખાશીએ સભ્યો અને સિવિલ, મિકેનિકલ, સ્ટાન્ડર્ફ્સ ક્લબનું મહત્વ સમજાવતાં



ભુજની સરકારી પોલિટેકનિક ઈલેક્ટ્રીકલ, કોમ્પ્યુટર અને માઈનીંગ ગુલવત્તા પર સમજ કેળવવાના સહિતની વિવિધ ઈજનેરી શાખાઓનું

કહ્યું કે ગુણવત્તા સમજવા અને તેને જાળવી રાખવાથી વિદ્યાર્થીઓ સારા એન્જિનિયર્સ બનશે, તેનાથી તેઓ વધુ કાર્યક્ષમ થશે અને ઉત્તમ પ્રકારની ભવિષ્યની ટેકનોલોજીનું સર્જન કરશે.મિકેનિકલ એન્જિનિયરિંગના લેક્ચરર ડી.ડી. પંજાએ સ્ટાન્ડર્ફ્સ ભાગ રૂપે, "સ્ટાન્ડર્ફ્સ ક્લબ" વિશે પ્રતિનિધિત્વ કરતા વિદ્યાર્થીઓએ ક્લબ વિષે પરિચય આપ્યો હતો સેમિનારનું આયોજન કરાયું હતું ભાગ લીધો હતો. આ પ્રસંગે તેમજપ્રમાણભૂત લેખન અને ઉદ્યોગ નિષ્ણાતો સાથે સહયોગી પ્રોજેક્ટ્સ પર ભાર મક્યો હતો.

<mark>ભાસ્કર વિશેષ</mark> સ્ટુડન્ટ સ્ટાર્ટઅપ એન્ડ ઇનોવેશન પોલિસી અંતર્ગત 33 હજારની ગ્રાન્ટ અપાઇ

સરકારી પોલીટેકનીક ભુજ ખાતે મિકેનીકલ વિભાગના છેલ્લા વર્ષના 2 પ્રોજેક્ટને તેમના ઉત્કષ્ટ આઈડીયા બદલ સ્ટ્રુડન્ટ સ્ટાર્ટએંપ એન્ડ ઈનોવેશન પોલિસી દ્વારા ગ્રાન્ટ ફાળવાઇ હતી.

કોલેજ પાસે સરકારની સ્ટુડન્ટ સ્ટાર્ટઅપ એન્ડ ઈનોવેશન પોલીસી 2.0 અંતર્ગત ચાન્ટ ઉપલબ્ધ છે, જેનો ઉપયોગ વિદ્યાર્થીઓ પોતાના નવતર તેમજ ઉદ્યોગ સાહસિક પ્રોજેક્ટના પ્રયાસો માટે લઈ શકે છે.આ બંને પ્રોજેક્ટ માટે સંસ્થા દ્વારા જૂન માસ દરમિયાન કુલ રૂપિયા 33,070 સીધા વિદ્યાર્થીઓના ખાતામાં જમા કરાવાયા છે. તેવું આચાર્ય જણાવી વિદાર્થીઓને અભિનંદન

आधा दता

4010

બ્લુટ્રથ સંચાલિત સોલાર પેનલ ક્લિનર

હાલમાં સોલારનો ઉપયોગ વધ્યો છે ત્યારે વિદ્યાર્થીઓ દ્વારા મોબાઈલ બ્લુટ્થથી સોલાર પેનલ ક્લીનરને કંટ્રોલ કરી શકાય તેનું નિર્માણ કરવામાં આવ્યું છે સાથે પાવર પેનલ સંપૂર્ણ સોલારથી

વિભાગના અંતીમ વર્ષમા અભ્યાસ કરતા પ્રોજેમ્ટ લીડર ઝાલા વિશ્વ કહે છે કે. પહેલા સોલાર પેનલ પાસે જઈને લટન દ્વારા

મકાઈ ધરાતી આ પ્રોજેકેટથી હવે ઘરે બેસીને મોબાઈલના માધ્યમથી સોલાર પેનલની સફાઈ કરી શકાશે. ઉપરાંત નિયમિત સોલાર પેનલની સફાઈ કરવાથી પેનલની કાર્યદક્ષતામાં વધારો થાય છે.મેન્ટર તથા મિકેનિકલ ઈજનેરી વિભાગના વ્યાખ્યાતા દિવ્યાંશુ બી. લોકવાણી કહે છે કે, આ પ્રોજેક્ટ રીન્યુએબલ પ્રોજેક્ટનો એક ભાગ છે અને વિદ્યાર્થીઓના યુનિક આઈડીયાને પેટેન્ટ કરવાની વિચારણા છે.

અઘરી આકૃતિ બનાવવા 3D પ્રિન્ટર બનાવ્યું

વિદ્યાર્થીઓએ 3D પ્રિન્ટર બનાવ્યું છે. જેમાં એક-એક લેયરની મદદથી ખુબ જ અવરી આકૃતિઓને પણ સહેલાઈથી બનાવી શકાય છે. 3D પ્રિન્ટિંગ હાલની નવીનતમ ટેકનોલોજીમાંની એક છે. આ પ્રથમ ચરણમ વિદ્યાર્થીઓએફક્ત 🧥

Pl A (Polylactic Acid) નિર્માણ કર્યું છે. અંતીમ વર્ષમા અભ્યાસ કરતા

પ્રોજેક્ટના લીડર નિનાદ ભટ્ટી જણાવે છે કે,આ પ્રિન્ટર ઉંચાઈવાળી આકૃતીને સારી રીતે પ્રિન્ટ કરી શકશે. આ પ્રોજેક્ટ દરમ્યાન વિદ્યાર્થીઓએ શર્ સ્લાઈડર મિકેનીઝમ ટેપ હોલ્ડર સ્થાયરોગ્રાફ, હલ્ક, ડબલ નામ વાળ ઈલ્યુઝન, મોબાઈલ હોલ્ડર કીચેન વગેરે બનાવ્યા છે.પ્રોજેક્ટના મેન્ટર તથા મિકેનિકલ ઈજનેરી વિભાગના વ્યાખ્યાતા કાનજી એચ. સીજુ જણાવે છે કે,નવી ટેકનોલોજ પર કામ કરવુ સહેવુ રહેતુ નથી. વિદ્યાર્થીઓની એક वर्षनी अपन महेनन अने वत्पत वधानीया श्रे PDFT थी 3D Printer પર PhD કરી રહ્યા છે તેમની સહાયતાથી આ પ્રોજેક્ટને પૂર્ણ કરવામા મદદ મળી છે.મિકેનીકલના વડા ડો. સાગર વોરાએ ખગી વ્યક્ત કરી હતી.

મુધવાર, તા. ૨*૬* જૂન, ૨૦૨૪





મોબાઈલના બ્લુટુથથી સોલાર પેનલને કંટ્રોલ સંભવ : ભુજની પોલીટેકનિકમાં સફળ પ્રયોગ

અંતીય વર્ષમાં અભ્યાસ કરતા આ પ્રોજેક્ટના લીડર ઝાલા વિશ્વ કહે છે કે, પહેલા સોલાર પેનલ પાસે જઈને બટન દારા સકાઈ કરવામાં આવતી હતી, જે હવે ઘરે બેસીને મોબાઈલના માધ્યમથી સકાઈ કરી શકાશે. ઉપરાંત નિયમીત સોલર પેનલની સકાઈ કરવાથી પેનલની કાર્યદાતામાં વેપારો થાય છે. આ પ્રોજેક્ટના મેન્ટર તથા મિકેનિકલ ઈજનેરી વિભાગના વ્યાખ્યાતા દિવાસું બી. લોકાવાલી કહે છે કે આ પ્રોજેક્ટ રી-યુએબલ પ્રોજેક્ટનો એક ભાગ છે અને વિદ્યાર્થીઓના આ યુનિક આઈડીયાને પેટેન્ટ કરવાની વિચારણા છે. ભુષ્ઠ મંગળવાર સરકારી પોલીટેકનિક - બુજ ખાતે મિકેનીકલ વિભાગના છેલ્લા વર્ષના ૨ પ્રોજેક્ટને તેમના ઉત્કૃષ્ટ આઈડીયા બદલ સેના એ પ્રોજેક્ટને તેમના ઉત્કૃષ્ટ આઈડીયા બદલ સેના એ પ્રાયમ પ્રોજેક્ટને તેમના ઉત્કૃષ્ટ આઈડીયા બદલ સેના એ પ્રાયમ પ્રોજેક્ટનો લોવાર પાવર ઓપરેટેડ ઓટોમેટીક સોલાર પેવલ કેની સરકાર ડે ઉપરાંત નિયમીત સોલર પેવલ કેનીનરને કરેલ આપરેટેડ ઓટોમેટીક સોલાર પેવલ કેનીનરને કરેલ કર્યા થયા મોબાઈલના બહુવાથી સોલાર પેવલ કેનીનરને કરેલ કર્યા થયા મોબાઈલના બહુવાથી સોલાર પેવલ કેનીનરને કરેલ કર્યા થયા મેન્ટર ત્યા મિકેનીકલ જિમા મેન્ટર ત્યા મિકેની કલા લિયાગના સેપુર્લ સોલાર પેવલ સાથ કરવા વ્યવસ્થામ આવે છે, તેને સંપૂર્લ સોલાર પેવલ સાથ સ્થાવસામ આવે છે, ભેકનીકલ વિભાગના પ્રાયમ અલ્લા સ્થાપના દિલાથી કહે છે કે આ પ્રોજેક્ટ સેલેજના મિકેનીકલ વિભાગના છેલ્લા વર્ષના બે

ઉત્ક્રષ્ટ પ્રોજેક્ટ બાદ એસ.એસ.આઈ.પી દ્વારા ગ્રાન્ટ ફાળવાઈ

હિતીય પ્રોજેક્ટ મેઈક ૩ દિવન્ટર કોર પ્રેમેલએ મેટે દીયલ કો પ્યોને ન્ટસ જેમા પ્રાથમિનોએ ૩ દિવન્ટર બનાવેલ છે. ૩ પ્રિન્ટીંગ નો એક ભાગ છે, જેમા એક દિવન્ટીંગ નો એક ભાગ છે, જેમા એક ડી પ્રિન્ટીંગ નો એક ભાગ છે, જેમાં એક-કાં પ્રશ્લાન ના અક ના ગઇ, કર્યા અને એક લેયરની મદદથી ખુબજ અપરી આકૃતિઓને પણ સહેલાઈથી બનાવી શકાય છે. 33 ડી પ્રિન્ટીંગ હાલની નવીનતમ ટેકનોલોજમાંની એક છે. આ પ્રથમ વરણમાં વિદ્યાર્થીઓ એ કક્ત પીએલએ (પોલીક એસીડ) થી ચાલતા પ્રિટરનું નિર્માણ કરેલ છે. મિકેનીકલ વિભાગના અંતીમ વર્ષમાં અભ્યાસ કરતા આ પ્રોજેક્ટના લીંદર નિનાદ ભદી જણાવે છે કે તેમણે ૨૩૫" ૨૩૫" ૩૦૦ મીમી કદનું પ્રિટર બનાવેલ છે , જે ઉચાઈ વાળી આકૃતીને ખુબજ સારી રીતે પ્રિટ કરી

.. આ પ્રોજેક્ટ દરમ્યાન વિદ્યાર્થીઓએ ના તારકાર કરાવા વાંચાયાના ન તર, સ્લાઈડર મિકેનીઝમ, ટેય હોલ્ડર, ત્યાયરોગ્રાફ, હલ્ક, ડામલ નામ વાળુ ઈલ્યુઝન, મોબાઈલ હોલ્ડર, હોળી તેમજ નવી ટેકનોલોજ પર કામ કરવુ સહેલું રહેતુ નથી. વિદ્યાર્થીઓની એક વર્ષની સખત મહેનત અને વત્સલ વધાસીયા જે પીડીઈયુ થી શ્રીડી પ્રિન્ટર પુર પીએચડી કરી રહ્યા છે તેમની સહાયતાથી આ પ્રોજેક્ટને સમયસર પૂર્ણ કરવામાં મદદ મળેલ છે. તેમજ ભવિષ્યમાં આ પ્રોજેક્ટ દ્વારા વિદ્યાર્થીઓ પોતાનું સ્ટાર્ટ અપ શરુ કરે તેમ પ્રેરીત પશ કરેલ છે.

કરેલ છે. મિકેનીકલ વિભાગના ખાતાના વડા ડો. સાગર વોરા એ ખુશી વ્યક્ત કરતા જજ્ઞાવ્યું કે પ્રથમ પોજેક્ટ ઈનોવેશન આઈડીયા અંતર્ગત તેમજ દ્વિતીયા ગેજેક્ટ આઇડાયા ખતાના તપે કે હતાય ત્રા કે કેટ સ્ટાર્ટ અપ આઈડીયા અંતર્ગતબનાવેલ છે. તેમલે પેટેન્ટ દાખલ કરવા વિદ્યાર્થીઓને જરૂરી માર્ગદર્શન પુરૂ પાડ્યુ હતું.

ઉલ્લેખનીય છે કે. હાલ સરકારી હલ્લ ખનીય છે કે, હાલ સરકારી પોલીટેકનિક ભુજ કચ્છની એકમાત્ર સરકારી પોલિટેકનિક સંસ્થા છે, જેના પાસે સરકાર ની 'સ્ટૂકન્ટ સ્ટાર્ટઅપ એન્ડ ઇનોવેસન પોલીસી ર. અંતર્ગત ગ્રાન્ટ ઉપલબ્ધ છે, જેનો ઉપયોગ વિભાષીઓ પોતાના નવતર તેમજ ઉદ્યોગ સાહસિક ગ્રોજેક્ટના પ્રયાસો પોતાના નવતર માટે લઈ શકે છે. ઉપરોક્ત બંને પ્રોજેક્ટ માટે સંસ્થાદારા જૂન માસ દરમિયાન કુલ રૂપિયા ૩૩,૦૭૦ સીધા વિદ્યાર્થીઓના ખાતામાં જમા કરાવવામાં આવ્યા ખાતામાં જમા કરાવવામાં આવ્યા છે. સંસ્થાના આચાર્ય ડો. ગીરાંગ વી. હાપાર્શી કહે છે કે, દેશમાં બીચીપક વિકાસ માટે, નવીનતા અને ઉઘોગ્ન સાહસિકતા ખૂબ જ જરી છે. સરકારી પોશિટેક્લિક-નજુભા વિદ્યાર્થીઓ માટે માટે સંસ્થા, યુનિવર્સિટી, તેમજ સરકારના ટેક્લિક્ટ સિક્ષક વિભાગ હારા આવી વિભિન્ન પ્રવૃત્તિઓ હારા પ્રોત્સાહન પુર પહલામાં આવતું રહે છે.

ઓનલાઇન રજીસ્ટ્રેશનમાં પડતી મુશ્કેલીઓનું નિરાકરણ કરાશે ભુજ ખાતે સરકારી પોલિટેકનીકમાં નિઃશુલ્ક માર્ગદર્શન સેમિનાર યોજાશે

ભુજની સરકારી પોલિટેકનીકમાં તા. ૧૭ મેનાં એ.સી.પી.ડી.સી.નાં સંયુક્ત ઉપક્રમે વિદ્યાર્થીઓ અને તેમના વાલીઓને પ્રવેશ મેળવવા ઓનલાઇન રજીસ્ટ્રેશનમાં પડતી મુશ્કેલીઓના માર્ગદર્શન અને વિવિધ સમસ્યાઓના નિરાકરણ માટે સવારે ૧૦:૩૦ થી ૧૨:૩૦ દરમ્યાન નિ:શુલ્ક માર્ગદર્શન સેમિનાર યોજાશે.

આ માર્ગદર્શન સેમિનારમાં એ.સી. પી.ડી.સી.નાં તજજ્ઞો દ્વારા પોલિટેકનીક ડિપ્લોમા ઇજનેરી કોલેજમાં પ્રવેશ મેળવવા માટે સમગ પ્રક્રિયાની માહિતી પુરી પાડવામાં આવશે. જેનો વિદ્યાર્થીઓ અને વાલીઓને મહત્તમ લાભ લેવા અનુરોધ કરાયો હતો.

કાર્યક્રમમાં વહેલા તે પહેલાના ધોરણે પ્રવેશ આપવામાં આવશે. તેથી વિદ્યાર્થીઓ અને વાલીઓએ કાર્યક્રમ શરૂ થવાના અડધા કલાક પહેલા આવી જવા અને સ્થાન ગહણ કરવા માટે જણાવાયું છે.

ઉલ્લેખનિય છેકે. પોલિટેકનીક ડિપ્લોમા ઇજનેરી કોલેજમાં પ્રવેશ માટે મેળવવા ઓનલાઇન રજીસ્ટ્રેશનની પશ્ચિમ શરૂ કરવામાં આવી છે. જે અંતર્ગત ધો. ૧૦ પછી પ્રથમ વર્ષ ડિપ્લોમા અને ITI / TEB / IGTR સર્ટિફિકેટ હોલ્ડર માટે ડિપ્લોમાનાં બીજા વર્ષમાં સીધા પ્રવેશ માટેની ઓનલાઇન ૨જીસ્ટ્રેશન પ્રક્રિયા હાલમાં ચાલુ છે. વિદ્યાર્થીઓ https:// www.gujdiploma.admissions. nic.in વેબસાઇટ પર રજીસ્ટ્રેશન કરી

આ સિવાય ભુજ ખાતેની સરકારી પોલિટેકનીકનાં સાયબર સ્પેસ સેન્ટર પણ સવારે ૧૧:૦૦ થી સાંજના પ :00 વાગ્યા સુધી રજીસ્ટ્રેશનની પ્રક્રિયા માટે કાર્યરત કરાયું હોવાનું પણ જણાવાયું છે.



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