

ZEST

E-NEWSLETTER GOVERNMENT POLYTECHNIC BHUJ

Issue 9, July-Dec 2024



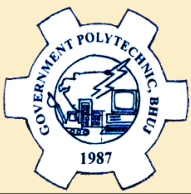
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Government Polytechnic, Bhuj

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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 my pleasure to introduce the latest issue of our newsletter, "ZEST." I commend Team ZEST for their enthusiastic approach in showcasing our Institute's academic and co-curricular accomplishments.

At our Institute, we remain committed to enhancing technical education in Kachchh district.

We achieve this through industrial visits, expert lectures and motivational activities that foster overall student development.

In addition to supporting our students, we prioritize faculty growth. In August 2024, we organized a Short-Term Training Program (STTP) under the ISTE faculty chapter at G P Bhuj, in which, 30 participants from across the region participated. We also felicitated our brilliant students by presenting them merit certificates.

We gave recognition to branch-wise toppers on our website and social media platforms. Our Gymkhana Cell organized vibrant celebrations for Independence Day, VikasSaptah, and Navratri. We congratulate Ms.J.N.Thacker for her outstanding achievement of securing Silver Medal in All India Civil Service Lawn Tennis Tournament, 2024-25 in Open Women's Doubles..

I appreciate untiring efforts of the faculties of Civil and Mining department who are preparing for NBA Accreditation.

I extend my best wishes for the continued success of this new issue of institute newsletter.



-Dr.G.V.Lakhani

Civil Engineering Department

Guidance Seminar on “Success of Youth”:

A Guidance Seminar for the first semester students on the topic of “Success of Youth” was organized on 2nd August 2024. Mr. Naresh Bhanushali from R&B, Bhuj, conducted the lecture and motivated students of all the departments. Mr. N.V.Thaker (I/C HOD) coordinated the event.



Expert Lecture on Water Conservation and Environmental Protection:

An expert Lecture on Water Conservation and Environmental Protection was organized for the first semester students on 2nd August 2024. Mr. Bhargav Mota from R&B, Bhuj, conducted the lecture and motivated students of all the departments. Mr. N.V.Thaker (I/C HOD) coordinated the event.

Technical visit of Construction site sports complex, Hill Garden Bhuj:

Work on the District Level Sports complex is currently under progress by the R & B department, Bhuj. Massive civil work to upgrade the existing airport building is being implemented on-site. In order to provide practical exposure to construction work, a site visit was organized on 2nd August, 2024. 55 students from 2nd semester along with faculty members Mr. B. P. Patel (LCE) and Mr. N. V. Prajapati (LCE) attended the site visit of the sports complex. Ms. Pricy Rajgor, Site Engineer, provided detailed information about the ongoing project and discussed various constructional aspects.





Technical visit of HIMS International Shopping Complex, Bhuj:

Technical visit of Hims International Shopping Complex, Bhuj, was organized on 21st September, 2024, by the civil department. 35 students from 4th semester along with 4 faculty members Mr. N. V. Thaker (I/C HOD), Mr. B. V. Thacker (LCE), Mr. P. Patel (LCE) and Mr. Y. D. Jethva (LCE) were present during the site visit of HIMS Shopping Complex.

Computer Engineering Department

Celebration of Teachers Day:

Teacher's Day is the birth anniversary of the esteemed educator and former president Dr. Sarvepalli Radhakrishnan. Teachers mentor, uplift, and care for their students, teaching them life lessons in addition to knowledge. Heartfelt acts, including students thanking others with cards, speeches, and performances, are observed on this day. It serves as a reminder of the significant influence educators have on society, encouraging development, education, and self-determination for future generations. The third and fifth semester students in the Department of Computer Engineering Celebrated Teacher's Day on 5th September, 2024.



Electrical Engineering Department

Cleaning of Solar Panels as Part of Mission Life and Environment Protection Cell:

Under "Mission Life and Environment Protection Cell", Electrical Engineering Department faculties Mr. V. A. Mistry (LEE), Mr. M. K. Raval (LEE), and Mr. M. U. Vadher (LEE) explained the importance of different sources of green energy and solar energy. The faculty members and the students cleaned the panels of the 25 kW Solar Plant on the roof of the department's academic block. This activity was carried out on 27th September, 2024.



Mechanical Engineering Department

Short-Term Training Program on "Community Driven Sustainability: Field Studies in Innovative Development":

The Department of Mechanical Engineering at Government Polytechnic, Bhuj, successfully organized a Short-Term Training Program (STTP) titled "Community Driven Sustainability: Field Studies in Innovative Development" from August 5-9, 2024, with ISTE's support. The program aimed to enhance participants' understanding of sustainable practices through expert sessions and practical field visits.



Renowned speakers like Dr. Mrugesh Trivedi, Dr. YogeshJadeja, and Mr. Shamji VishramVankar delivered insightful lectures on topics such as participatory groundwater management, sustainable construction, and community-driven innovations. Field visits to HunnarShala, the Living & Learning Design Center, Ramakrishna Charitable Trust, and the Gujarat Institute of Desert Ecology provided hands-on exposure to sustainable development practices, traditional crafts, and rural empowerment initiatives.



The program emphasized interdisciplinary learning, practical problem-solving, and networking opportunities for 30 faculty participants from various institutions across Gujarat. It successfully bridged the gap between theory and application, promoting community-driven sustainability for impactful development.

Industrial Visit of DDS Automobile Repowering, Madhapar :



On 30th September 2024, 29 students from the Mechanical Engineering Department (8 from Semester 3 and 21 from Semester 5) visited DDS Automobile Repowering, Madhapar, accompanied by faculty coordinators Mr. D.L. Suthar (LME) and V.M. Gadhavi (LME). The visit provided valuable insights into modern automobile repowering techniques and technologies. Students observed engine refurbishment processes, advanced diagnostic tools, and the

integration of sustainable practices in repowering operations. The industry professionals explained the significance of precision and quality control in ensuring vehicle performance and longevity. The visit enhanced students' practical knowledge and understanding of real-world applications in Mechanical Engineering.

Field Visit of RSETI-Rural Employment Training Institute, Bhujodi:

On 30th September 2024, 18 students from Semester 5 of the Mechanical Engineering Department visited the Rural Self Employment Training Institute (RSETI) in Bhujodi, accompanied by faculty coordinators Mr. V.M. Gadhavi (LME) and Mr. M.M. Rana (LME). The visit focused on understanding RSETI's initiatives in skill development and rural employment. Students observed hands-on training programs designed to empower rural youth with technical and entrepreneurial skills. The institute's emphasis on sustainable development, self-reliance, and innovation inspired the students. This visit provided valuable exposure to practical approaches for addressing rural employment challenges, enhancing their awareness of the socio-economic impact of technical education.



Industrial Visit of Madhu Ice Factory, Bhuj:



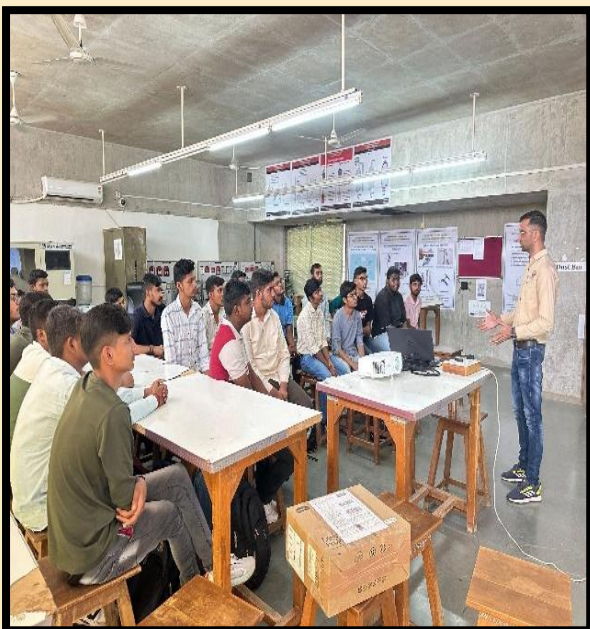
On 1st October 2024, 12 students from the 5th semester of the Mechanical Engineering Department visited Madhu Ice Factory in Bhuj, accompanied by faculty coordinators Mr. S.M. Sanghavi (LME) and Mr. V.D. Patel (LME). The visit aimed to explore the industrial processes involved in ice production and storage. Students gained insights into refrigeration systems, thermodynamic principles, and the use of compressors and cooling towers in the ice-making process. Industry professionals explained the importance of energy efficiency and quality control in maintaining production standards. The visit enriched students' practical knowledge and highlighted the application of Mechanical Engineering concepts in the refrigeration and cold storage industry.

Expert Lecture on Entrepreneurship & Self-Employment:

On 30th September 2024, an expert session on "Entrepreneurship & Self-employment" was conducted by Mr. Hiren Kotadia, Director of RSETI-Bhujodi, for 18 students from the 5th Semester of the Mechanical Engineering Department. Mr. Kotadia highlighted the importance of entrepreneurial thinking and self-reliance in today's dynamic economy. He discussed strategies for identifying business opportunities, managing resources, and overcoming challenges in startups. The session emphasized skill development, innovation, and the role of self-employment in rural economic growth. Students actively interacted with the expert, gaining valuable insights into building successful careers through entrepreneurship. The session was highly motivating and informative.



Expert Session on Tyre Manufacturing Process:



On 1st October 2024, an expert session on the "Tyre Manufacturing Process" was conducted by Mr. VikasDangar, Senior Engineer at Bal Krishna Industries Ltd (BKT), Bhuj, for 24 students (13 from Semester 3 and 11 from Semester 5) of the Mechanical Engineering Department. Mr. Dangar provided an in-depth overview of the tyre manufacturing process, including material selection, compounding, molding, curing, and quality testing. He emphasized the role of advanced machinery and automation in achieving precision and efficiency. The session enhanced students' understanding of industrial practices and quality control measures in tyre production. It was highly interactive and educational.

Mining Engineering Department

Development of the Industry Supported Laboratory in the Mining Department by GMDC:

On 16th October 2024, the Mining Department of Government Polytechnic College, Bhuj, Kutch district, witnessed a landmark event. GMDC, Ahmedabad, under the Calcite Bauxite Project Gadhsisa, facilitated the donation to mining equipment to establish a new laboratory under Corporate Social Responsibility (CSR). Faculty members and GMDC maintenance staff collaborated to unload, shift, and install heavy machinery in the lab. A small exhibition showcased the equipment, attracting GMDC officials, faculty, and students.

Over 48 participants, including senior GMDC officials and Principal sir, attended the inauguration session in the seminar hall. Inspiring speeches highlighted the donation's significance, and an interactive session fostered engagement between participants and students. The program concluded with a vote of thanks by the Head of the Mining Department and a brunch for students and guests, followed by a formal lunch for GMDC officials and faculty. This event underscores the power of industry-academia collaboration in enhancing technical education and providing students with vital hands-on experience.



Expert Talk in Ashapura Learning Forum (ALF):



The Ashapura Learning Forum (ALF) based on the theme- "Present and Future Scenario of the Mining Industries" was held on 15th October 2024, organized by the Ashapura Group of Industries at the VandeMataram Memorial, Bhujodi-Kachchh. The event was a knowledge-sharing platform aimed at exploring advancements in the mining industry. Mr. S.G. Srivastav (I/C HOD Mining) and Mr. S.C. Dabhekar (LMNE), delivered insightful presentations on the "Possibilities of New Development in the Mining Industry." They discussed cutting-edge technologies, sustainable practices, and innovative strategies shaping the future of mining. Key topics included advancements in resource extraction, digitalization, and eco-friendly initiatives.

Science & Humanities Department

National Mathematics Day Celebration:

The Science & Humanities Department successfully organized a celebration programme of National Mathematics Day on 20th December 2024. This programme was started in the presence of the Principal Dr. G. V. Lakhani, faculties of the department, many other faculties of the institute and students of different departments. In this program, Dr. H. D. Patel (Lecturer in Mathematics) gave an interesting lecture on the Biography of Great Indian Mathematician Srinivasa Ramanujan and Applications of Mathematics. Moreover, Mr. D. D. Pandya (LME) and Mr. M. S. Thacker (LEE) also gave useful talk on Real Life Applications of Mathematics. The programme was very informative and it inspired the students to achieve their academic goal.



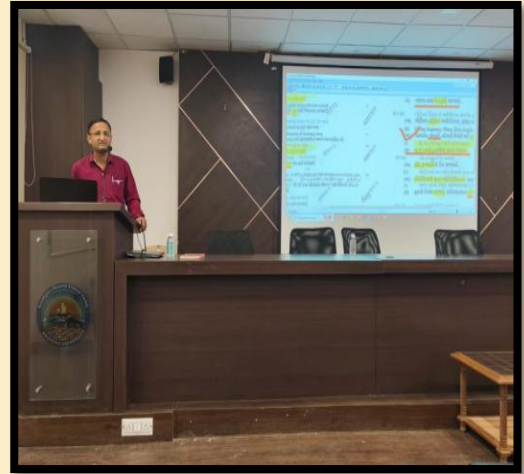
Expert Lecture Under induction Program:



Science & Humanities Department of Government Polytechnic, Bhuj organized an expert lecture for all the students of First Year Diploma Engineering on 25th July, 2024 as a part of Induction Program 2024. Dr. Shital Bati, a faculty in Business Management at K.S.K.V Kachchh University, was invited as an expert for this lecture. Dr. Maitri Vyas (Lecturer in English) gave an introductory speech. After the felicitation of the expert, principal Dr. G.V. Lakhani motivated the students. Dr. Bati delivered an interesting talk on 'Industry 1.0 to 4.0: Understanding the Changes' from 11.00 a.m. to 1.00 p.m. After an interesting question-answer session, Dr. Lopa Sanghavi (I/C HOD, Science & Humanities Department) gave a vote of thanks.

Principal's Achievements

- Principal sir delivered session on **Digital tools used for translation** at Faculty Development program on Translation Theory and praxis jointly organized by KSKV KACHCHH UNIVERSITY and KCG on 18th July 2024.
- Principal sir was Invited as an Expert of RAC of Ph.D. Candidates of Computer Science Department at KSKV KACHCHH UNIVERSITY, Bhuj on 20th December 2024.
- He was also invited as an Expert RPC of Ph.D. Scholars at FCA-GNU which was scheduled online on 15th November, 2024.



Faculty Achievements

1. Research paper of Dr. L K. Sanghavi (LCH) had been published on 2nd July ,2024 in the UGC Care listed journal titled African Journal of Biological Science in Vol.6 issue 14. The title of the paper was "Biosorptive removal of Basic violet 14 dye from dye wastewater using Polyalthia"
2. Dr. H.D. Patel (LMath) has published a research paper entitled "The power serieswise Armendariz graph of a commutative ring" in the Gulf Journal of Mathematics, Volume 17, No. 1.
3. Dr. H.D. Patel (LMath) has jointly published a research paper entitled "On the complement of the intersection of zero-divisor and total graphs of polynomial and power series rings" with Dr. S. Visweswaranin in the Palestine Journal of Mathematics, Volume 13, No. 4.
4. Congratulations to Mr. S. G. Srivastav (I/C HOD LMin) on your outstanding achievement! Your selection as the Auditor by the Coal Controller of India for star rating of Mines under the Ministry of Coal, Government of India is truly remarkable. Auditing the Lignite Mines of GHCL and GPCL in Bhavnagar District on 11th – 13th November, 2024, demonstrates your dedication and expertise in the field.
5. Ms. J. N. Thacker (LAM) won Silver Medal in All India Civil Service Lawn Tennis Tournament, 2024-25 in Open Women's



Doubles. She represented Gujarat Secretariat team in this national event organized by Central Civil Services Cultural and Sports, Govt. of India at SawaiMansingh Stadium, Jaipur, Rajasthan from 15th to 21st December 2024. In her first appearance at national level, she defeated players from Hariyana, Punjab, Rajasthan and Bengaluru on her way to the finals. This was a historic achievement for Gujarat Secretariat as it's their first ever medal in open women category. We congratulate her on this spirited campaign and wish her all the best for future endeavors.

6. Mr. D. B. Lokwani (LME) achieved a remarkable feat by participating in the 43rd State-Level Master Athletic Competition held at Bhuj, Kachchh, on 26th and 27th October 2024. He demonstrated exceptional athletic skills and determination and secured gold medals in the 400-meter and 800-meter running events. His outstanding performance not only showcases his dedication to fitness and sportsmanship but also serves as an inspiration to peers and students alike. This accomplishment highlights the importance of balancing professional responsibilities with personal passions, reinforcing the values of perseverance and excellence. Congratulations to Mr. D. B. Lokwani for this commendable achievement!



7. Mr. A.Yadav (LEE) finished 50 km cycling in the Cyclothon event "ACCORD Hridayotsav" organized in Bhuj on 29th September, 2024. He has also participated in the State-level Selection Tournament for the All India Civil Services Badminton Competition at the Sachivalaya Gymkhana on 29th July, 2024.



8. Mr. R. H. Davda (LCE) was declared the "NPTEL DISCIPLINE STAR" by NPTEL for the duration JAN-APR 2024. This award is given to him as he completed courses whose duration totals to 50 weeks or more.



9. Mr. D. D. Pandya (LME) completed and secured a position as toppers (1%) and Gold medal in MOOCs on "Sustainable Happiness" organized by NPTEL from July to September 2024 (08 Weeks).



10. Mr. K. H. Siju (LME) completed and secured a position as toppers (1%) and Gold medal in MOOCs on "Sustainable Happiness" organized by NPTEL from July to September 2024 (08 Weeks).



11. Dr. R. K. Soni (LEng) was declared the topper with an Elite Gold Certification and a consolidated score of 99% in the examination conducted by NPTEL for a 12-week course titled 'Educational Leadership' during July to October 2024.
12. Mrs. S. P. Jaradi (LEE) completed and secured 99% in MOOC on "Psychology of Learning" organized by NPTEL from July to October 2024 (12 weeks). She has secured Gold medal in the same.



Faculties from GP Bhuj have actively participated in various training sessions to enhance their skills and knowledge across different engineering and humanities departments.

Department	One Week Training	Two Week Training
Civil Engineering	02	02
Computer Engineering	01	01
Electrical Engineering	03	06
Mechanical Engineering	16	00
Mining Engineering	03	00
Science & Humanities	00	01
Applied Mechanics	01	00

Enrollment in PhD Program:

Four esteemed faculty members from the Mechanical Engineering Department, Mr. V. D. Patel (LME), Mr. J. C. Makani (LME), Mr. V. M. Gadhavi (LME), and Mr. N. K. Prajapati (LME), have embarked on their academic journey by joining the PhD program at Silver Oak University, Ahmedabad, in October 2024. This significant milestone reflects their dedication to advancing knowledge and contributing to mechanical engineering. Their pursuit of doctoral studies will undoubtedly enhance research capabilities and inspire students and colleagues. Congratulations to all four faculty members for this commendable step toward academic and professional excellence!

Faculty's Family Achievements

A Proud Moment for GP Bhuj Parivar!



We are proud to announce that **Mr. Deep Sorathia**, son of **Mr. H. S. Sorathia (LME)**, has successfully completed his journey to becoming a **Lieutenant in the Indian Army**.

He cleared the 34 SSB Interview held at Prayagraj and began his officer training on October 1, 2023, in Chennai. After months of rigorous training, he proudly participated in the Passing Out Parade on September 7, 2024.

Mr. Deep Sorathia has now joined the Madras Sappers Regiment in Prayagraj for his first posting as a **Lieutenant**.

This remarkable achievement is a matter of immense pride for the GP Bhuj Parivar. Principal Dr. G. V. Lakhani, Dr. S. H. Vora (Mechanical Head), and the entire GP Bhuj family extend their heartfelt congratulations and best wishes for his service to the nation.

Student Achievement

The Electrical Engineering Department and the college proudly congratulate Mr. Dipak Naran Kerai (Enrollment No. 226210309053) for achieving a perfect 10 SPI in the 4th semester of GTU. This outstanding accomplishment reflects his hard work and dedication. We wish him continued success in his academic journey and future endeavors.



Gymkhana Cell

Nasha Mukt Abhiyan Pledge Activity:

Under the Nasha Mukt Abhiyan, the Gymkhana Cell of Government Polytechnic organized a pledge event on 12th August, 2024 for all students and staff. Participants included students from the Civil, Mining, Mechanical, Electrical and Computer department. Over 250 students and 30 staff members



actively participated in the event, taking a pledge to stay away from drugs and contribute to a drug-free society. The event emphasized the importance of a drug-free environment and encouraged students to spread awareness in their communities. The pledge was a significant step towards creating a healthier and more responsible future.

HarGhar Tiranga Activity:

On the occasion of Independence Day and the "HarGharTiranga" campaign, a district-level rally was organized in Kachchh on 11th August, 2024. The event saw enthusiastic participation from around 50 students and 10 staff members of Government Polytechnic Bhuj. The rally was inaugurated by prominent dignitaries, including Shri Amit Arora, the Collector of Kachchh, Shri Vinodbhai Chavda, MLA of Kachchh, and several police officials.



The rally commenced at Jubilee Ground, Bhuj, and culminated at Hamirsar Lake, Bhuj. This event was a significant display of patriotic spirit, with participants proudly carrying the national flag throughout the route.

HarGhar Tiranga Quiz Activity:



In celebration of Independence Day and the HarGhar Tiranga initiative, the Gymkhana Cell of Government Polytechnic Bhuj organized a college-level quiz on 12th August, 2024. The quiz, centered around the HarGhar Tiranga theme, saw participation from around 131 students and 9 staff members. The quiz covered various topics including the History of the Indian National Flag, the Indian Independence Movement, Cultural Heritage, the Constitution of India, Key National Symbols,

Important Days, and Events in Indian History, Freedom Fighters, and the Indian Flag Code. Total 32 participants secured more than 60% marks and earned e-certificates. Additionally, participants were encouraged to take selfies with the Tiranga and upload them to the HarGhar Tiranga website. The event was meticulously designed and coordinated by Mr. S.C. Dabhekar (I/C, Gymkhana Cell).



Independence Day Celebration:



Government Polytechnic, Bhuj, celebrated 78th Independence Day on 15th August 2024 with great enthusiasm. The event witnessed the participation of approximately 35 students and 20 staff members. The celebrations began with the singing of the National Anthem, which filled the atmosphere with a sense of patriotism. The highlight of the event was the hoisting of the National Flag by Dr. G. V. Lakhani, Principal, G. P. Bhuj, assisted by Mr. Shamra Gadhvi (I/C SSI), symbolizing the spirit of unity and freedom.

Principal sir gave an inspiring speech, reflecting on the nation's journey and encouraging everyone to contribute to its growth. The celebration concluded on a joyful note with everyone enjoying refreshments together.

Celebration of National Space Day:

On 23rd August 2024, Government Polytechnic Bhuj, under the aegis of the Gymkhana cell, celebrated National Space Day with great enthusiasm. The event saw active participation from both students and faculty, with around 20 individuals taking part in various online activities hosted on the "Bharat on the Moon" portal, an initiative by the Ministry of Education. The platform offered a range of engaging events, including a quiz, art connect, picture puzzle, picture builder, and graphic novels, all centered around space exploration and its rich history. This event not only fostered a deeper interest in space among participants but also provided a unique opportunity to learn and engage with the achievements of India in space exploration.



Inauguration of Semicon India 2024 event - Online mode:



The digital screening of the Semicon India 2024 inauguration was organized by Gymkhana Cell on 11th September 2024 at 11:00 am in the LRUC Building, Government Polytechnic Bhuj. The event, held at the India Exposition Centre & Mart, was inaugurated by the Hon'ble Prime Minister of India and streamed live for students of

the Computer & Electrical department and faculty. A total of 161 students and 4 faculty members actively participated in this event. The screening provided valuable insights into India’s growing role in the semiconductor industry and highlighted key opportunities for innovation and technological advancement. This initiative aimed to inspire students about the significance of semiconductor technologies in modern industries and India's strides toward self-reliance.

Garba Event:

Government Polytechnic, Bhuj, celebrated Navratri by organizing a Raas Garba event for students on 3rd October 2024. This program was organized with the aim of making the students increase faith in their lives and understand the importance of celebrating Indian culture along with their studies. The Garba program was successfully organized with the enthusiastic participation of 260 students in this program. The celebration began with the aarti by principal sir and HODs, other faculties & students, which created an atmosphere of devotion and unity throughout. Dr. R. K. Soni (Lecturer, S & H) and Mr. P. B. Thakkar (LCoE) were present as judges in the garba competition, in which a total of eight winners of Best Performer and Best Costume (Male and Female) were announced and encouraged every student and applauded their progress. The program ended with refreshments. A vote of thanks was expressed by Dr. G. V. Lakhani (Principal). The Gymkhana team conducting the event was - Mr. S. C. Dabhekar (I/C, LMnE), Mr. N. K. Prajapati (LME), Mr. K. H. Siju (LME), Mr. M. U. Vadher (LEE), Mr. J. K. Patel (LMnE), Mr. M. N. Dudharejia (LCoE), Mrs. S. P. Jaradi (LEE), Mr. P. B. Thakkar (LCoE), Mr. R. K. Patel (LMnE), Mr. H. A. Virda (LCE) and Mr. N. V. Prajapati (LCE). ShivrajsinhZala&PitrodaKishan (student coordinators) gave their cooperation.



Garba Event Winner Details

Event Category	Name of Student	Department	Rank
Winner details Best Performer – Male	TejasGoswami	Mechanical	1
	Kavya Joshi	Computer	2
Winner details Best Performer – Female	PriyanshiUmaraniya	Computer	1
	PayalBaldaniya	Computer	2
Winner details Best Costume – Male	Rishi Chavda	Electrical	1
	Harsh Patni	Computer	2
Winner details Best Costume – Female	PriyanshiKerai	Computer	1
	LaxmiAhir	Computer	2

VikasSaptah Pledge Activity:

VikasSaptah Pledge, organized on 7th October 2024 for students and faculties at the institute to foster a sense of responsibility and commitment towards development among them. The event aimed to instill values of integrity, unity, and dedication, aligning with the broader goals of national progress. A total of 200 students and 45 faculty members actively participated in this meaningful activity. The pledge highlighted the importance of collective efforts in driving growth and emphasized the role of education and innovation in shaping a better future. The event successfully created an atmosphere of enthusiasm and motivation, reinforcing the participants' commitment to contributing positively to society. The active involvement of both students and faculty underscored the significance of shared values in achieving developmental milestones, making the event a resounding success.



Visit to Iconic Places of Gujarat:



On 10th October, 2024, the Gymkhana Cell of Government Polytechnic Bhuj organized an educational visit to Smriti Van Earthquake Memorial in Bhuj, Kutch, Gujarat. This initiative was part of the 'VikasSaptah' celebrations, commemorating 23 years of Gujarat's development under the leadership of Prime Minister Narendra Modi. The event saw enthusiastic participation from both students and staff, with 36 students and 53 staff members attending. Smritivan, inaugurated by Prime Minister Modi in August 2022, stands as a tribute to the resilience of the people who endured the devastating 2001 earthquake. The

memorial spans approximately 470 acres and includes the Smriti Van Earthquake Museum, which offers insights into the science of earthquakes and showcases the recovery efforts post-2001.

Lecture on “LakhpatiDidiYojna Scheme”:



As part of the ongoing "VikasSaptah" celebrations, the Gymkhana Cell of Government Polytechnic Bhuj organized an insightful lecture on the "LakhpatiDidiYojna Scheme" on 14th October 2024. This scheme, a government initiative under the DeendayalAntyodayaYojana – National Rural Livelihoods Mission, aims at empowering rural women by boosting their economic capabilities and fostering entrepreneurship. The event, which focused on educating students and staff about the benefits of the scheme, witnessed active participation from 72

students and 33 staff members. The key benefits of the LakhpatiDidi Scheme include: a) Skill Development: Women receive practical training and business guidance. b) Micro-financing: Self-Help Groups (SHGs) get access to loans and subsidies from banks. The keynote speaker, Smt. SonalBajadeja, Assistant Project Manager at the District Rural Development Agency (DRDA) Bhuj, Kachchh, delivered an engaging lecture, detailing the various schemes available for rural women and their far-reaching benefits. The event concluded with a vote of thanks presented by Dr. G. V. Lakhani, (Principal), expressing gratitude to the speaker and participants for their enthusiastic involvement.

Expert Lecture on “Drone Survey”:

As part of the ongoing "VikasSaptah" celebrations, the Gymkhana Cell of Government Polytechnic Bhuj organized an expert talk on "Drone Survey" on 15th October 2024. This insightful session aimed to expose students and staff to the latest advancements in drone technology and its applications in modern surveying. A total of 46 students and 23 staff members participated in the event. The keynote speaker, Mr. Anjil Patel, Chief Surveyor at the Calcined-Bauxite Project in Gadshisha, GMDC, delivered a detailed presentation on the growing importance of drone surveys across various fields. He elaborated on the efficiency and precision drones bring to surveying tasks, especially in projects related to mining and infrastructure. The event concluded with a vote of thanks delivered by Dr. G. V. Lakhani, (Principal), who appreciated the valuable insights shared by the speaker and applauded the enthusiasm shown by the participants.



Standard Club Activity

Standard Club: Best Performing Standard Club Award:

For the academic year 2023-24, the Standard Club of Government Polytechnic, Bhuj, has been honored as the "Best Performing Standard Club" in the Kachchh-Saurashtra Region by BIS Rajkot. This prestigious award was received on behalf of the club by Mr. D. B. Lokwani, Coordinator of the Standard Club, GP Bhuj. Aryan Shrimali, a 5th Semester student from the Mechanical Engineering Department, serves as the Student Coordinator, playing a vital role in the club's success. With 70 active student members, the club exemplifies excellence in promoting standards and innovation. Congratulations to the entire team for this remarkable achievement!



Scholarship Awareness Program

A Scholarship Awareness Program for SC, ST, SEBC, and EWS category students was conducted on 24th July 2024 in the Seminar Hall, Library. Coordinated by Mr. D. B. Lokwani (LME), the session began with an overview of scholarship opportunities and an introduction of the supporting staff. Mr. D. M. Chauhan (LME), Coordinator of the Mechanical Department, explained the step-by-step process of applying for scholarships through the Digital Gujarat Portal. Approximately 150 first-year students attended, gaining valuable insights into accessing financial assistance for their education. The program was highly informative and well-received, promoting awareness and accessibility among the students.



Student Startup and Innovation Cell

1. First Year Students Orientation for SSIP Scheme of Government of Gujarat



As guided by the Gujarat Technological University, Government Polytechnic Bhuj organized a series of sessions for orientation/induction programs of newly joined students of 1st year diploma engineering program. A motivational & informative session was organized on 23/07/2023 by inviting Mr.

EzazGhanchi Co-cordinator of SSIP & faculty of Metallurgy Department at Government Polytechnic Bhuj. This session was held at the LRUC (Library Building) of Government Polytechnic Bhuj. The targeted audience were all first semester students of the Institute. The Speaker Made students aware about the agenda of SSIP activity Procedures and Key persons at different departments. He also shared a few case studies and motivated students to accept real life challenges and create innovation for sustainable development. More than 150 students benefited from this session.

2. Innovation, Startups & SSIP 2.0 for Students

In order to promote startup & innovation, Government Polytechnic - Bhuj, Under the guidance of Principal Dr. G.V. Lakhani and the coordinating Team of SSIP Cell - GP Bhuj have Organized Online Seminar on 04th October 2024. With collaboration to “state level “Student Startup & Innovation policy 2.0 - Program Management Unit (SSIP2.0 PMU)”, In this webinar students were supposed to join in hybrid mode, total 173 students joined the seminar via Microsoft teams platform. From state level PMU Janki Ma’am and Reena Ma’am conducted the session in which they have discussed successful startups and journey of startup with insights of IPR for successful startups. Here are the glimpses of the event.



3. Awareness Session on the GTU-UNICEF Innovation Exploration Program (26/12/2024)

A distinctive collaboration between GTU and UNICEF under the GTU Young Innovators Platform as **Innovation Exploration Program (IEP)**, is designed to inspire students to think creatively and develop practical solutions to address pressing real-world challenges.

The IEP offers a remarkable opportunity for students to unlock their potential, craft innovative solutions, and tackle



impactful challenges. Participants will engage with real-world problems, connect with industry leaders, and gain the guidance needed to bring their ideas to life. The program features multiple screening rounds and dedicated mentoring sessions, offering participants an enriching journey of growth and exploration. The Grand Finale, scheduled for February 2025, will highlight the outstanding achievements of top innovators.

To aware students about this Government Polytechnic Bhuj, captured opportunity to invite Dr. Tushar K Panchal [Group CEO, GISC-GIC & Assistant Professor, GSMS-GTU] and organized: Awareness Session on the GTU-UNICEF Innovation Exploration Program at seminar hall GP bhuj 11 PM onwards. 41 enthusiastic students were benefited out of this 1 hour long motivational - awareness season.

Memorandums of Understanding (MoUs)



The Mining Department has done an MOU with Institute of Industrial Minerals and Development Center, Bhuj on 24th October, 2024 for developing Industry Supported Lab for Mineral Testing and Identification.

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

NCC Cadets Shine through Dynamic Activities

The NCC cadets of Government Polytechnic Bhuj demonstrated remarkable dedication and versatility through their participation in various national camps and adventurous events in 2024.



Camp Highlights:

- **CATC Camp, Bhimasar (27/07/24 - 07/08/24):** 21 cadets attended, honing essential military skills.
- **Technical Attachment Camp, INS Valsura (02/09/24 - 09/09/24):** 3 cadets explored Indian Navy's technical domains like signalling, electrical systems, engines, and warfare equipment.
- **EBSB Camps:** 6 cadets participated in cultural exchange camps at Ujjain and Ahmedabad, fostering national unity and cultural awareness.
- **ALC, Alwar (11/11/24 - 22/11/24):** 1 cadet enhanced leadership skills through intensive training.

Adventure Camps:

- Trekking expeditions at Rajpipla, Porbandar, Goa, and Kerala saw active participation from several cadets.
- Ship Attachment Camp at WNC Mumbai offered hands-on naval experience.

National Representation:

01 cadet Anil Bhardwaj represented Gujarat, Daman & Diu NCC Directorate at the prestigious All India Yachting Regatta-2024 at INS Chilka.

The cadets also participated in Firing practice and Navy Day celebrations on 04/12/24, organized by 5 Guj Naval Unit NCC. Principal Dr. G.V. Lakhani, ANOSubLt. J. C. Makani, and staff have been instrumental in motivating students toward holistic development through such enriching experiences.

Training and Placement Cell

Campus placement was held at the institute during July to December 2024. Companies from different places of Gujarat came to select the best candidates. The following data shows the result.

Full Name	Branch	Pre Placed Company Name	Designation
Jay Kapil Joshi	Electrical	Hyosung	Junior Engineer
MalharMaheshwari	Electrical	Hyosung	Junior Engineer
SahilModh	Electrical	Hyosung	Junior Engineer
Harsh Sorathiya	Electrical	Welspun Corp Limited	Diploma Engineer Trainee
Vinay singh	Mechanical	Fabtech Consulting Engineers Pvt Ltd	Diploma Engineer Trainee
PremSorathiya	Mechanical	Ambica Steel India Ltd.	Diploma Engineer Trainee
Katariyapradip Mohan	Mechanical	Ambica Steel India Ltd.	Diploma Engineer Trainee
KhungalaVivekRamji	Electrical	Aditya Birla Renewables	Diploma Engineer Trainee

Environment Protection Cell

Tree plantation Drive on college campus

A 300-Tree Plantation Drive was organized on the college campus to promote environmental sustainability and enhance greenery on 23rd July 2024. The initiative aimed to create awareness about the importance of trees in combating climate change, improving air quality, and conserving biodiversity. The drive created a greener and healthier environment within the campus. It also raised awareness about environmental conservation and inspired participants to take similar initiatives in their communities. The 300-Tree Plantation Drive was a resounding success, demonstrating the



college's commitment to environmental sustainability. Regular monitoring and maintenance plans have been implemented to ensure the healthy growth of the saplings.

Drip Irrigation from Wastage Water Bottle



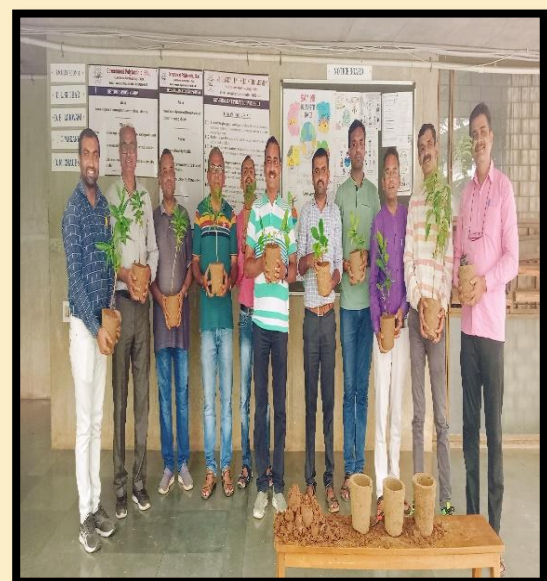
Students of institute demonstrated an innovative and eco-friendly activity on drip irrigation using waste water bottles on 28th august 2024. The initiative aimed to promote sustainable water management and recycling practices by utilizing discarded plastic bottles for irrigation purposes. The activity raised awareness about water conservation and recycling practices among students and staff. It also encouraged the adoption of innovative solutions for sustainable agriculture.

Guest Lecture on Importance of Organic Farming

The purpose of this lecture which was organized on 23rd October, 2024 was to summarize the guest lecture conducted on the importance of organic farming. The session aimed to educate students about sustainable agricultural practices and their benefits to the environment and human health. The guest lecture on organic farming effectively highlighted its significance and benefits. Students were encouraged to integrate sustainable farming techniques into their lifestyles and academic projects. The session emphasized the need for eco-friendly agricultural methods to ensure long-term food security.

Innovative Eco-Friendly Gift in FDP

The Department of Mechanical Engineering at Government Polytechnic Bhuj organized an FDP titled "Community-driven Sustainability: Field Studies in Innovative Development," on 30th November, 2024 which emphasized practical approaches to sustainable development. A notable highlight of the event was the use of eco-friendly, handmade pots crafted from clay and cow dung as gifts for the experts. These pots, specifically designed for planting medicinal plants, stood out as a meaningful and sustainable alternative to conventional gifts. The clay-and-cow-dung pots not only promote green living but also inspire a shift toward responsible gifting practices in academic and professional settings. This activity exemplifies a holistic approach to community-driven sustainability while empowering local communities, setting a benchmark for innovative and eco-friendly initiatives



Woman Development Cell

The Women Development Cell (WDC) of the institute organized a series of initiatives aimed at promoting the health and well-being of female students, faculty, and their families. As part of these efforts the WDC, in collaboration with Aayush Hospital, Bhuj, held an expert lecture on "Menstrual Hygiene" for female students and staff members on October 1, 2024, in Civil Projector Room. The session was conducted by Dr. Libi Johnson, M.S. (Gynecology). The event was hosted by Ms. KalpaHarpal, Lecturer in Applied Mechanics and Chairperson of the WDC, alongside other team members. Additionally, in partnership with Gymkhana, G.P. Bhuj, the WDC organized another expert lecture on "Social and Economic Empowerment of Women in Rural Areas." This session was led by Smt. SonalbaJadeja, Assistant Project Manager at the District Rural Development Agency (DRDA), Bhuj, Kachchh.



Institute Toppers (CGPA Wise) Top 10 students

DIPL SEM 5 - Regular (DEC 2024)			
Sr no	Enrollment no	name	CGPA
1	226210309053	KERAI DIPAK NARAN	9.92
2	226210322029	SOLANKI DHRUVKUMAR DHANSUKHBHAI	9.63
3	226210322023	PRIYADARSHI KASHYAP SHAILESHBHAI	9.49
4	226210322020	PATEL DEVBHAI HITESHBHAI	9.46
5	236218309014	KHUNGALA VIVEK RAMJI	9.45
6	226210307055	KHATRI KARTIK JAYKISHAN	9.41
7	226210307031	GOHIL YASHVI PARESHBHAI	9.21
8	226210307021	DHRUVIBEN KAGATHARA	9.19
9	226210322017	OD MITULKUMAR NARANBHAI	9.19
10	226210306008	CHOPDAR RUMANABANU MOHAMADIBRAHIM	9.15

Media Coverage

ભુજની કોલેજમાં તાલીમનો પ્રારંભ કરાયો



ભુજની સરકારી પોલીટેકનીક ખાતે પાંચ દિવસીય રાજ્ય કક્ષાની તાલીમનો પ્રારંભ કરાયો છે. આ તકે ટેકનીકલ શિક્ષણના ૩૦ પ્રોફેસરો ભાગ લઈ રહ્યા છે.

ભુજની પોલિટેકનિક કોલેજમાં રાસ-ગરબા સાથે નવરાત્રિનો માહોલ જામ્યો

બેસ્ટ પરફોર્મર તથા બેસ્ટ કોસ્થ્યુમ મળીને આઠ વિજેતા જાહેર કરાયા; કોલેજના જિમખાના સેલ દ્વારા નવરાત્રિ કાર્યક્રમ યોજાયો

હવામાન

સ્થળ	મહત્તમ	લઘુત્તમ
ભુજ	૩૪.૦	૨૫.૦
નલિયા	૩૨.૩	૨૫.૧
કંડલા	૩૩.૫	૨૬.૧
અંજાર	૩૫.૪	૨૫.૧



દિવ્ય ભાસ્કર **ભુજ 06-10-2024**

ભુજમાં સરકારી પોલિટેકનીક ખાતે ઇાત્રો રાસ ગરબાના તાલે ઝૂમી ઉઠયા

ભાસ્કર ન્યૂઝ . ભુજ ભુજની સરકારી પોલિટેકનીક કોલેજ ખાતે વિદ્યાર્થીઓ માટે નવરાત્રી નિમિત્તે રસ ગરબાનું આયોજન કરાયું હતું. ગરબા ઈવેન્ટ દરમિયાન સ્પર્ધા રાખવા આવી હતી જેમાં નિર્ણાયક તરીકે રિતુ સોની તથા પલક ઠક્કરે સેવા આપી હતી. આચાર્ય ડો. ગૌરાંગ લાખાણી દ્વારા આભાર વ્યક્ત કરાયો હતો. કાર્યક્રમને સફળ બનાવવા એસ. સી. દાભેકર, એમ. યુ. વાઢેર, એન. કે. પ્રજાપતિ, કે. એચ. સીજી, જે. કે. પટેલ, એમ. એન. દુધરેજીયા, એસ. પી. જરાદી, પી. બી. ઠક્કર, એચ. એ. વિરડા, એન. વી. પ્રજાપતિએ જહેમત ઉઠાવી હતી. વિદ્યાર્થીઓમાંથી શિવરાજસિંહ ઝાલા અને પિત્રોડા કિશનએ સહકાર આપ્યો હતો.



દિવ્ય ભાસ્કર **ભુજ 26-10-2024**

સરકારી પોલીટેકનિક ભુજના અધ્યાપકે Ph.D ની ડિગ્રી મેળવી

ભુજ। સરકારી પોલીટેકનિક, ભુજ ખાતે સિવિલ વિભાગમાં ફરજ બજાવતા વ્યાખ્યાતા ભરત વીરજીભાઈ ઠક્કરે ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી અમદાવાદ ખાતેથી સિવિલ ઈજનેરી બ્રાંચમાં પી.એચ.ડી (Ph.D) ની પદવી મેળવી હતી. તેમણે ડો. જી. પી. વડોદરીયાના માર્ગદર્શન હેઠળ Remediation of Acid mine drainage using low cost adsorbents વિષય પર રીસર્ચ વર્ક પુરુ કરી પદવી મેળવી હતી. સિધ્ધિ બદલ સરકારી પોલીટેકનિકના આચાર્ય ડો. ગૌરાંગ લાખાણી, સિવિલ વિભાગ વડા એન. વી. ઠાકર, સ્ટાફ મિત્રોએ અભિનંદન પાઠવ્યા હતા.



ઓલ ઈન્ડિયા સિવિલ સર્વિસીસ ટૂર્નામેન્ટ : ટેનિસમાં ભુજ જીમખાનાના બે ખેલાડી ઝળક્યા

ભુજ, તા. ૨૬ : તાજેતરમાં યોજાયેલી ઓલ ઈન્ડિયા સિવિલ સર્વિસીસ ઈન્ટર સ્ટેટ (નેશનલ લેવલ)ની હોન ટેનિસ ટૂર્નામેન્ટમાં ગુજરાતની ટીમ તરફથી પુરુષ વિભાગમાં ભુજ જિલ્લા ન્યાયાલયમાં ફરજ બજાવતા રવિ રાજગોર અને મહિલા વિભાગમાં સરકારી પોલિટેકનિક ખાતે ફરજ બજાવતા જહાની ઠક્કર ઝળક્યા હતા. આ બંને જિમખાના સેન્ટર ભુજના ખેલાડી છે.

વેટરન કટેગરીમાં રવિ રાજગોર ક્વાર્ટર ફાઈનલની રોમાંચક મેચમાં હાર્યા હતા અને ૧૨૮ ખેલાડીમાં ૫મું સ્થાન મેળવ્યું હતું. ઓપન મહિલા વિભાગમાં જહાની ઠક્કરે



ડબલ્સમાં હરિયાણા, પંજાબ, બંગલોર અને રાજસ્થાનની જોડીને હરાવી ફાઈનલમાં મધ્યપ્રદેશની જોડી સામે હારી અને ગુજરાતને સિલ્વર મેડલ અપાવ્યો હતો.

સ્પર્ધામાં ૧૫ રાજ્ય અને ૧૫ રિજિયોનલ સ્પોર્ટ્સ સેન્ટર તથા ૩ કેન્દ્રશાસિત પ્રદેશ એમ કુલ ૩૩ ટીમએ ભાગ લીધો હતો.

પોલિટેકનિક કોલેજના આચાર્ય, ડિસ્ટ્રીક્ટ કોર્ટના જજ તથા ભુજ જીમખાનાના હોટેલારો પ્રમુખ બહાદુરસિંહ જાડેજા, ઉપપ્રમુખ નવલસિંહ જાડેજા, મંત્રી મહિપતસિંહ રાઠોડ, ટેનિસ મંત્રી કિશન વરુ, ઈન્ડોર મંત્રી રાજુ ભાવસાર, ઉપરાંત ખેલાડીઓને પ્રશિક્ષણ આપતા કોચ અખતર લાહેજીએ બિરદાવ્યા હતા.

માઈનિંગ પ્રયોગશાળા વધુ સજ્જ બનશે પોલિટેકનિકને GMDCએ સાધનો આપ્યાં



ભુજ, સોમવાર : સરકારી પોલિટેકનિક ભુજ ખાતે માઈનિંગ વિભાગની પ્રયોગશાળાના અદ્યતન વિકાસ અંતર્ગત ઉદ્યોગ સમર્થિત પ્રયોગશાળા માટે ડૉ.એમ.ડી.સી. અમદાવાદ દ્વારા અભ્યાસલક્ષી સાધનો માઈનિંગ વિભાગને પ્રદાન કરવામાં આવ્યા હતા.

વિદ્યાર્થીઓને અભ્યાસની સાથે ખાણોમાં વપરાતા વિવિધ સાધનોની જાણકારી મળશે

કચ્છ કલ્લાની એકમાત્ર સરકારી પોલિટેકનિક કોલેજ જે સિલ ઓર્ડન નજીક આવેલી છે. કોલેજના માઈનિંગ વિભાગને સી.એસ.આર. ડેકન ડૉ.એમ.ડી.સી. અમદાવાદના સહયોગથી કેલ્સાઈટ ઓક્સાઈડ પ્રોજેક્ટ ગઢશીસા દ્વારા સાધનો પ્રદાન કરવાનો કાર્યક્રમ યોજવામાં આવ્યો હતો. વિદ્યાર્થીઓને અભ્યાસ સાથે ખાણોમાં વપરાતા વિવિધ સાધનોની જાણકારી મળી રહે તે માટે એક નવીન પ્રયોગશાળાના વિકાસની શરૂઆત કરવામાં આવી છે.

કાર્યક્રમમાં ડૉ.એમ.ડી.સી. ગઢશીસાના મેનેજર માઈનિંગ, એચ.આર. મેનેજર મિકેનીકલ અને ડાયરેક્ટર સરકારી પોલિટેકનિક


કોલેજના આચાર્ય, માઈનિંગ વિભાગના વડા સહિત વિદ્યાર્થીઓ ઉપસ્થિત રહ્યા હતા. કોલેજના આચાર્યએ પ્રસંગને અનુરૂપ જણાવ્યું હતું કે, કોલેજના ઈન્સ્ટિટ્યુટમાં નવા અભ્યાસની શરૂઆત થઈ રહી છે. જે હાલના વિદ્યાર્થીઓ તેમજ ભવિષ્યના વિદ્યાર્થીઓના અભ્યાસ માટે સારી સવલત ઉભી થશે.

કાર્યક્રમના અંતે કોલેજના માઈનિંગ વિભાગના વડા દ્વારા આભાર વિધી કરવામાં આવી હતી. સમગ્ર કાર્યક્રમને સફળ બનાવવા માટે કોલેજના સ્ટાફમને અને વિદ્યાર્થીઓને ભારે જહેમત ઉઠાવવી હતી. ભુજ ખાતે આયોજીત આ કાર્યક્રમ અન્ય વિભાગો માટે ઉદાહરણ પુરૂ થશે તેવી શાળાની વ્યવસ્થા કરવામાં આવી છે.


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