

ZEST

E-NEWSLETTER

Issue 10, Jan-June 2025

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.

MISSION

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 gives me immense pleasure to present this edition of the Newsletter “ZEST” 10th issue of Government Polytechnic Bhuj for the academic year 2024–25. This year has been a milestone in our journey of academic excellence and institutional development.

One of the most significant achievements has been the NBA accreditation of all five diploma programs offered by our institute.

While three departments were already accredited, The Civil and Mining Engineering departments have now been granted accreditation for three years, further strengthening our commitment to quality technical education. This recognition is a testament to the hard work of our faculty, staff, and students, and reflects the robust academic standards maintained by the institute

Beyond academics, the year has been vibrant with student participation in sports, cultural programs, innovation-driven activities, and community outreach. Initiatives led by the Gymkhana Cell, NSS, NCC, Finishing School, SSIP, Environment Protection Cell, and Women Development Cell have nurtured well-rounded development and instilled a strong sense of responsibility, creativity, and teamwork in our students.

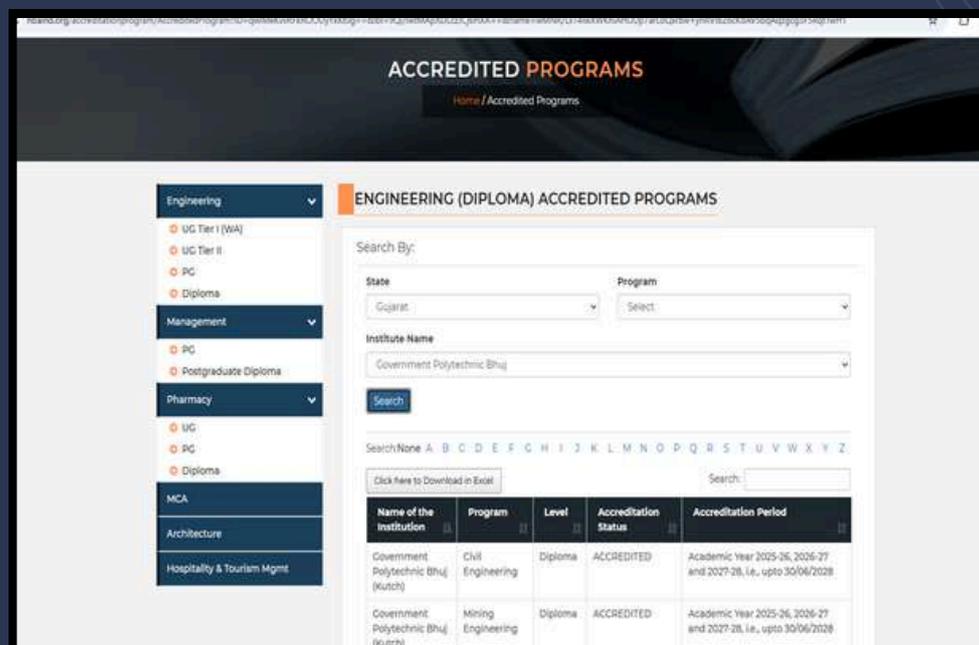
I extend my heartfelt congratulations to all students, faculty members, and coordinators for their dedication and contributions in making this year impactful and meaningful. Let us continue striving together for excellence in every sphere.

Warm regards,
Dr. Gaurang V. Lakhani,
Principal, Government Polytechnic Bhuj.



SUCCESS..!

ALL FIVE PROGRAMS OF G. P. BHUJ GOT NBA ACCREDITATION



- Government Polytechnic, Bhuj has reached a remarkable milestone — all five of its programs are now accredited by the National Board of Accreditation (NBA).
- Two programs of Government Polytechnic, Bhuj applied for National Board of Accreditation (NBA) for the assessment years 2022–23, 2023–24, and 2024–25.
- Previously, three programs had already received NBA accreditation for the same academic years.
- The NBA Expert Team visited the institute for inspection from 29 January 2025 to 2 February 2025.
- Following the evaluation, both programs were granted NBA accreditation for the academic years 2025–26, 2026–27, and 2027–28.
- With this achievement, all the five programs of Government Polytechnic, Bhuj are now NBA-accredited.

Benefits and Significance of Accreditation

- **Highest Quality Education** – Accreditation ensures that the institution or program offers education of the highest standard, meeting rigorous academic and professional benchmarks.
- **Enhanced Credibility** – Accredited programs strengthen the confidence of students, parents, and the public. Employers place higher value on degrees from accredited institutions.
- **Continuous Improvement** – Accreditation enables institutions to identify their strengths, weaknesses, and opportunities, encouraging continuous improvement, innovation, and a clear sense of direction.
- **Public Accountability** – Accreditation reflects the institution's commitment to excellence, transparency, and ongoing quality enhancement, demonstrating accountability to society.



The institute has also received recognition from Gujarat Technological University (GTU) for this accomplishment

CIVIL ENGINEERING DEPARTMENT

- Residential Project Site Visit



In order to provide practical exposure to various Building Services and construction activities, a site visit was organized on 11th March, 2025, by the Civil Department. 18 students from 6th semester along with 3 faculty members Mr. B. V. Thacker (LCE), Mr. N.V. Prajapati (LCE), and Mr. B. P. Patel (LCE) were present during the site visit of the Airport. Mr Manoj Chandya extended warm support and provided guidance to the students. Mr Mitul Goswami (Site Engineer) provided detailed information about the ongoing projects and discussed various building services aspects like electrification, plumbing, sewer line, and POP

- Railway Station Visit



To provide students with valuable exposure to a large-scale infrastructure project, a site visit was organized by the Civil Engineering Department on 13th March, 2025. A total of 35 students from the 4th semester participated in the visit, accompanied by 3 faculty members: Mr. Y. D. Jethva (LCE), Mr. B. P. Patel (LCE), and Mr. N. V. Prajapati (LCE). During the visit, Mr. Hitesh Donga extended warm hospitality and provided detailed insights into the ongoing construction activities. He also discussed various structural and constructional aspects of the project, offering students a practical understanding of modern railway infrastructure development.

COMPUTER ENGINEERING DEPARTMENT

- Workshop on AngularJS



The Department of Computer Engineering, organized a hands-on workshop on AngularJS on 14th February, 2025. The primary objective of the workshop was to introduce students to AngularJS and provide them with practical experience in developing web applications using this popular JavaScript framework. The workshop was organized with the help of experts from DIT Interactive Pvt. Ltd., Bhuj. The Branch Manager, Mr. Vishal Nayak, along with experts Mr. Kevin Soni and Mr. Rahul Gusai, demonstrated an outstanding way of learning AngularJS.

It makes the session highly interactive and engaging for the students. The event was organized under the Training and Placement Cell of the Computer Department and coordinated by Mr. Mayur G. Taunk (LCoE) and Mr. Kamal S. Manek (LCoE).

- Webinar on Cyber Security Awareness



The Department of Computer Engineering, in collaboration with the ISTE Student and Faculty Chapter, successfully organized a webinar on Cyber Security Awareness on 11th February 2025 at 11:30 PM. The session was conducted by Mr. Viral Vaghela, an esteemed alumnus of our college and currently working as a Senior Security Researcher at Zscaler.

The primary objective of this webinar was to enhance awareness among students and faculty members regarding the growing challenges and threats in the cyber world. The session aimed to educate participants about best practices for safeguarding personal and professional data from cyber threats.

ELECTRICAL ENGINEERING DEPARTMENT

- Expert Lecture



The Energy Conservation Awareness Workshop, sponsored by the Gujarat Energy Development Agency (GEDA), was successfully conducted at Electrical Department, on 8th January 2025. This initiative, aimed at fostering knowledge and awareness about energy conservation and renewable energy, was organized by M/s Limbaja Energy, Ahmedabad, an authorized consultant of GEDA. The workshop targeted engineering students and faculty to promote understanding of sustainable energy practices and their applications in industry and daily life.

- National Voter Day Celebration

National Voter Day was observed by the department on 25th January 2025. Mr. Y. P. Gusai (LEE) guided the students about the importance of voting in democracy and the various associated facts and facets regarding the same. The students also undertook a pledge of voting on this occasion



- GETCO Substation Visit



A visit of GETCO substation was organized on 26th March 2025. A total of 50 students from the 4th and the 6th semesters participated in the visit. They were accompanied by four faculties from the Electrical Department - Mr. V. A. Mistry (LEE), Mr. Y. P. Gusai (LEE), Mr. M. U. Vadher, and Mr. M. K. Raval. From GETCO, Mr. N. D. Dhavda (JE) guided the students. The students learnt about substation operational processes, power distribution networks, and modern technology

MECHANICAL ENGINEERING DEPARTMENT

- Visit to Karmyog Hi-Tech Machinery – Bhuj



On 28th March, 2025, 26 students of the 4th semester from Mechanical Engineering Department visited Karmyog Hi-Tech Machinery, GIDC-Bhuj. Guided by faculty members Mr. S. M. Sanghavi (LME) and Mr. M. M. Rana (LME), students explored the manufacturing processes of advanced road construction and municipal machinery. The visit offered practical exposure to modern fabrication, assembly line systems, and quality control practices, bridging academic concepts with real-world industrial practices.

A visit to Mother Dairy, Madhapar, was organized on 23rd April, 2025, for 20 students of the 4th semester. Accompanied by Mr. V. M. Gadhavi (LME) and Mr. K. H. Siju (LME), the students observed the dairy processing system, cold chain logistics, and packaging technology. The visit highlighted the integration of mechanical systems in the food processing industry, enhancing students' understanding of automation and hygienic practices in plant operations.

- Visit to Mother Dairy – Madhapar



- Visit to Anchor Consumer Products Pvt. Ltd. – Paddhar



On 23rd April 2025, 51 students from semesters 2 and 4 visited Anchor Consumer Products Pvt. Ltd., Paddhar. The visit was facilitated by five faculty members, including Mr. V. M. Gadhavi and Mr. D. M. Chauhan. Students learned about high-speed production lines, plastic molding, and electrical accessory assembly. This visit gave valuable insights into precision manufacturing, lean practices, and product testing.

MECHANICAL ENGINEERING DEPARTMENT

- Inauguration of BKT-Sponsored CAD Laboratory



The Department of Mechanical Engineering inaugurated a state-of-the-art CAD Laboratory on 13th March 2025. The lab is generously sponsored by Balkrishna Industries Ltd. (BKT) under their CSR initiative, with a grant of ₹15 lakhs.

The inauguration ceremony was graced by Col. Shubhendu Anjaria (SM Retd.), DGM – Admin & Security, BKT, as the chief guest. The event was presided over by Dr. Gaurang Lakhani (Principal) and Dr. Sagar Vora (HOD, Mechanical Engineering Department). Several dignitaries from BKT were present at the event, including Shri R. Nair, Shri D. K. Zala, Shri P. R. Rana, and Shri Mayank Anjaria, along with local CSR coordinator Mr. Natu Parmar. Their presence highlighted BKT's continued commitment to enhancing technical education through industry-institution collaboration.

Equipped with 15 high-end computers, projector facilities, and essential CAD tools, the lab aims to enhance students' design skills and bridge the gap between academic learning and industrial expectations.

The initiative supports students in acquiring practical experience in computer-aided design and engineering applications. Senior BKT officials, faculty members, and students enthusiastically participated in the event. The department expressed gratitude to BKT for their continuous support in strengthening technical education through meaningful CSR contributions.

MECHANICAL ENGINEERING DEPARTMENT

- Expert Sessions on Drone Technology, Industrial Robotics & VMC Simulator



The Mechanical Engineering Department organized a series of expert lectures on 2nd April, 2025, at the department seminar hall. These sessions aimed to enhance students' technical knowledge and bridge the gap between academic learning and industrial applications.

Three insightful sessions were delivered by experts from Darshan University, Rajkot. Mr. Ankur Tank conducted the first session on Drone Technology, where students learned about UAV components, flight dynamics, and applications in fields like agriculture, surveillance, and logistics. This was followed by a session on Industrial Robotics by Mr. Sagar Kanjiya, who explained the fundamentals of robotics, automation trends, and the role of robots in smart manufacturing. The final session was led by Mr. Paras Vegda on VMC Simulator, offering hands-on insights into CNC programming, virtual machining, and operational safety using simulation tools.

- Visit to Shri Ramkrushna Trust – Kukma



A group of 31 first-year students visited Shri Ramkrushna Trust, Kukma, on 23rd April, 2025. Guided by faculty members Mr. D. M. Chauhan (LME), Mr. J. C. Makani (LME), and Mr. D. B. Lokwani (LME), students explored the in-house engineering workshop and social initiatives. The visit emphasized skill-based learning, community service through engineering, and the role of technical knowledge in social development.

SCIENCE & HUMANITIES DEPARTMENT

- DDCET Guidance seminar



A guidance seminar was organized on March 24, 2025, under the joint initiative of the Science and Humanities Department and the ISTE Student Chapter. This seminar was specifically conducted in preparation for the Diploma to Degree Common Entrance Test (DDCET) scheduled to be held on 19th April, 2025. The seminar aimed to provide students with detailed information about this entrance test.

After an introductory outline of the program was presented by Mr. D. D. Pandya (LME), the students were encouraged to take full advantage of the seminar. Dr. Maitri H. Vyas(LEng) from the Science and Humanities Department was the anchor of the program. Comprehensive subject-wise information relevant to the exam was provided to the students. The Chemistry section was covered by Dr. Lopa K. Sanghvi (LChem), Head of the Science and Humanities Department, the topics of Physics was presented by Dr. Niketa P. Joshi(LPhy), the topics of Mathematics by Dr. H. D. Patel(LMaths), and the topics of English by Dr. Ritu K. Soni(LEng). At the end of the program, students were also provided with solutions and guidance regarding their queries and doubts related to the examination.

- Expert Lecture



The Science & Humanities Department has successfully organized an Expert Lecture on “Vedic Mathematics and Engineering” on 4th February, 2025. This Expert Lecture was given by Dr. H. H. Bhudia in the presence of Principal Dr. G. V. Lakhani, faculties of institute and students of different departments. In this lecture, the speaker gave an interesting lecture on Vedic Mathematics and explored its importance in Engineering. The lecture was very informative and it will definitely inspire our students to increase their interest in mathematics.

MINING ENGINEERING DEPARTMENT

- Visit of Coal Controller officials at department



On 26th January, 2025, the Mining Engineering Department had the privilege of hosting two esteemed dignitaries — Mr. Rajendra Chole, Coal Controller of India, Nagpur Division, and Mr. Arup Ghosh, Coal Controller, West Bengal Division. During their visit, they interacted with the students and faculty members, engaging in meaningful discussions on current trends, industry expectations, and the future scope of the mining sector. Both officials expressed their appreciation for the department's initiatives in fostering technical skills, industrial exposure, and holistic development of students.

They commended the department's commitment to quality education and its efforts to bridge the gap between academic learning and industry requirements. This interaction served as a source of great motivation for the students and reinforced the department's dedication to producing industry-ready mining professionals. The visit was a proud moment that strengthened the institute's reputation at the national level.

- Inauguration of Mineral Testing Lab

The Mineral Testing Laboratory at the Mining Engineering Department was inaugurated on 28th January 2025, marking a significant step towards hands-on skill development in mineral analysis. This lab has been established with the support of the Institute of Minerals and Development Centre (IMDC) and is permitted by the Gujarat Knowledge Society, C/o Commissionerate of Technical Education.



The facility is designed to equip students with practical skills in identifying minerals through physical and chemical analysis, testing ores to determine mineral content, and evaluating the economic viability of minerals by analyzing grade value and physical properties. Additionally, the lab will enable students to conduct tests on mineral waste to assess environmental impacts. This initiative not only enhances the practical learning experience but also opens new employment opportunities in mineral testing laboratories. The department's effort reflects a strong commitment to industry-oriented education and sustainable mining practices.

MINING ENGINEERING DEPARTMENT

- Industrial Visit at Eimco Elecon (Ind) Pvt. Ltd., Anand, Gujarat



On 19th April 2025, a group of 16 students from the Mining Engineering Department, visited Eimco Elecon (India) Pvt. Ltd., Anand, Gujarat, as part of their industrial exposure program. The visit was coordinated by Mr. C. V. Thakor (LMnE) and Mr. R. J. Mistry (LMnE).

During the visit, Mr. Hitesh Mistry, Safety Officer at Eimco Elecon, provided detailed insights into the working of various underground mining machineries. Students were given a guided tour of the facility, where they observed cutting-edge technologies and modern methodologies used in the manufacturing and operation of mining equipment.

APPLIED MECHANICS DEPARTMENT

- Faculty Retirement



Mr. R. J. Hathi (LAM) retired on 31st May 2025 after serving as lecturer in Applied Mechanics department for 36 long years. He served mainly at Government Polytechnic, Bhuj with 5 years at Government Polytechnic, Jamnagar. During his tenure, he made significant contributions to the academic and administrative development of the institutions he served. He served as the In-Charge Head of the Applied Mechanics Department and shouldered the responsibility of In-Charge Principal at Government Polytechnic, Bhuj, leading the institution with integrity and vision.

On his retirement, a heartfelt felicitation ceremony was organized in his honour. Dr. G. V. Lakhani, Principal, along with heads of all the departments, acknowledged and appreciated Mr. Hathi's outstanding contributions to the institute. The entire staff extended their best wishes for a healthy and happy life ahead.

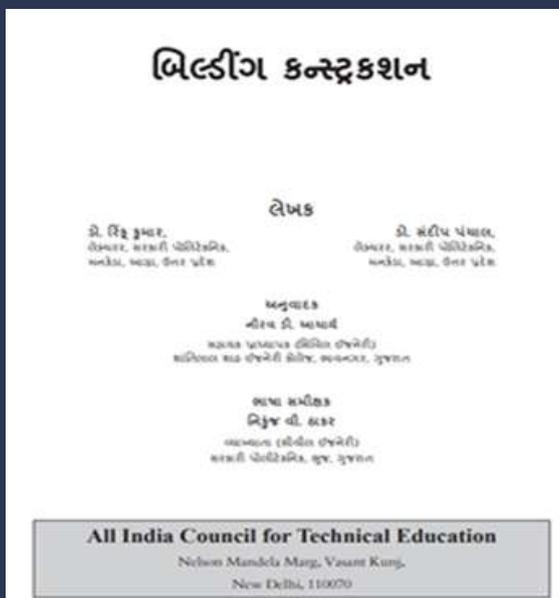
FACULTY ACHIEVEMENTS

- Principal’s Achievement

Dr. G. V. Lakhani, our respected Principal Sir, has voluntarily and wholeheartedly contributed his expertise as a Reviewer of research papers for the International Conference on Advances in Smart Computing and Applications (ICASCA – 2025). The prestigious conference is being organized by GLS University, India, during February 15–16, 2025. His valuable academic service and active involvement as a Reviewer have significantly contributed to upholding the quality and standards of the conference proceedings.



- Reviewer in Book



The All India Council for Technical Education (AICTE) has launched a significant Technical Book Writing Scheme, initially covering nine regional languages—Hindi, Tamil, Gujarati, Kannada, Marathi, Bengali, Telugu, Punjabi, and Odia. The scheme aims to promote technical education in mother tongues and make learning more accessible. Mr. N. V. Thaker (LCE) made an active contribution by serving as a Book Reviewer under this initiative. He reviewed the book “Building Construction” prepared for the 2nd Year Diploma programme. The reviewed book was successfully published on the E-Kumbh Portal on 24th April 2025, reflecting AICTE’s vision of knowledge democratization.

FACULTY ACHIEVEMENTS

• Patent Granted..!

Four faculties of the Electrical Department secured a patent for “AI-BASED ELECTRIC CAR” from the Patent Office, Govt. of India. The patent has been issued in the name of Mr. M. U. Vadher (LEE), Mr. V. A. Mistry (LEE), Mr. M. K. Raval (LEE), and Ms. R. A. Vyas (LEE). The design no. is 435388-001



• Conference paper



Mr. S. C. Dabhekar, Lecturer in the Mining Engineering Department, presented a conference paper titled "Emerging Technologies Transforming the Future of Mining" at the International Conference on Future of Mining: Digital Empowerment and Youth-Led Sustainability (By Students, For Students) held on 22nd–23rd February 2025. The prestigious event was organized by the Mining Engineers Association of India – Rajasthan Chapter (Udaipur Student Chapter) in collaboration with the College of Technology and Engineering, Maharana Pratap University of Agriculture & Technology, Udaipur.

• Toppers in training



Mr. K. H. Siju (LME) and Mr. J. C. Makani (LME) completed, scored 84/100 and 77/100 in the MOOCs course and secured a position as toppers (1%) and (5%) respectively on “Ethics in Engineering Practice” organized by NPTEL from February to April 2025 (08 Weeks).

FACULTY ACHIEVEMENTS

- Civil Defence Mock drill



Mr. D. B. Lokwani (LME), Mr. J. C. Makani (LME), Mr. V. M. Gadhavi (LME), Mr. D. M. Chauhan(LME), and Mr. K. H. Siju (LME) actively participated in the Civil Defence Mock Drill conducted by the Civil Defence Department on 07-May-2025 under Operation Sindoor, focused on disaster preparedness and emergency response protocols.

- Training content editing



Mr. Siju Kanji H.(LME) translated course content for Design, Technology and Innovation (Course ID: 107101088) and contributed 2.5 hours of editing. Mr. Prajapati Navneetkumar K(LME) translated content for Applied Ergonomics (Course ID: 112104222) and contributed 6.5 hours of editing. Both translations were completed in Gujarati and submitted in June 2025. This academic contribution supports the localization of technical education, making quality content accessible to a wider regional audience and promoting inclusive learning through regional language.

FACULTY ACHIEVEMENTS

- Research papers published by the faculties



Dr. Dipeshkumar M. Chauhan (LME) presented a research paper titled “Concept of Sliding Block Type Self Centering Vise Clamp for Smart Manufacturing” at the International Conference on Computational Intelligence, Emerging Technologies, and Smart Systems (ICCIETSS 2025). The conference was organized by the School of Engineering, RK University, Rajkot, Gujarat, on March 28–29, 2025, in collaboration with CRC Press (Taylor & Francis Group).

The paper highlighted innovative design concepts for advanced clamping systems, contributing to the field of intelligent fixturing and smart manufacturing technologies.

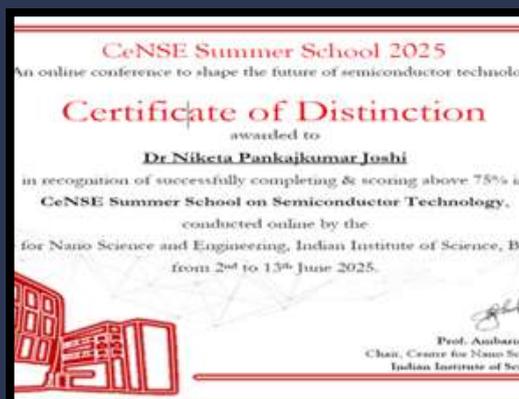
Dr. H. D. Patel, Lecturer in Mathematics has presented a research paper entitled “Some results on the complement of the weakly annihilating-ideal graph of a commutative ring” in the International Conference on Recent Developments in Pure and Applied Mathematics (IRDPAM 2025) organized by the Department of Mathematics, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli-620024 during 6-7 January, 2025.

Dr. H. D. Patel, Lecturer in Mathematics is selected for the Summer Research Fellowship Program (SRFP 2025) offered by the IASc-INSA-NASI to work under the guidance of Prof. Indranath Sengupta at Indian Institute of Technology (IIT), Gandhinagar.



FACULTY ACHIEVEMENTS

- Mentor in IPTA



Dr. N. P. Joshi (LPhy) has been selected as a Mentor in the Indian Physics Teacher Association (IPTA). In this esteemed role, Dr. Joshi will provide guidance and support to young physicists, educators, and budding researchers, contributing to the advancement of physics education and research culture in India.

Dr. N. P. Joshi (LPhy) delivered a career guidance talk on All India Radio, focusing on engineering education opportunities after 10th grade. The session aimed to help students and parents understand various diploma and technical pathways available after SSC, highlighting their relevance, scope, and future prospects.

She has also successfully completed the CeNSE Summer School on Semiconductor Technology, conducted by the Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science (IISc), Bengaluru, from 2nd to 13th June 2025. She distinguished herself by scoring above 75%, demonstrating strong conceptual understanding and active engagement with the program.



Dr. Lopa K. Sanghavi (LCHE) presented a research paper titled "Eco-Friendly Adsorbent for Dye Removal: Polyalthia Longifolia" at the International Conference on Recent Trends in Advanced Functional Materials, held on May 17–18, 2025. The event was organized by BTC DAV College, Banikhet, Dalhousie, in collaboration with the Association of Chemistry Teachers (ACT), Mumbai. Dr. Sanghavi's work highlighted the environmental significance and practical applications of green chemistry in addressing pollution, aligning with the conference's objective of promoting advancements in functional materials for a sustainable future.

STUDENTS' ACHIEVEMENT

- Result Glimpses

Gujarat Technological University Government Polytechnic Bhuj			
DIPLOMA SEM 6 - Top 10 student (CGPA Wise)			
SR NO	Enrollment No	NAME	CGPA
1	226210309053	KERAI DIPAK NARAN	9.94
2	226210322029	SOLANKI DHRUVKUMAR DHANSUKHBHAI	9.72
3	226210322023	PRIYADARSHI KASHYAP SHAILESHBHAI	9.57
4	226210322020	PATEL DEVBHAI HITESHBHAI	9.54
5	236218309014	KHUNGALA VIVEK RAMJI	9.53
6	226210307055	KHATRI KARTIK JAYKISHAN	9.3
7	226210306008	CHOPDAR RUMANABANU MOHAMADIBRAHIM	9.27
8	226210307021	DHRUVIBEN KAGATHARA	9.22
9	226210322017	OD MITULKUMAR NARANBHAI	9.16
10	226210307074	NEEL JAGDISH CHHABHAIYA	9.15

STUDENTS' ACHIEVEMENT

• UNIVERSITY TOPPER

Kerai Dipak Naran of the Electrical Engineering Department secured a top-10 position among the students of all branches of the GTU in the 6th semester. Dipak is one of only 10 students across the university to score a perfect 10.00 SPI.



• GOLD MEDAL



We are proud to share that Master Gagal Himmatlal Mavjibhai (Enrollment No. 216210322003), a 2023–24 pass-out student of the Mining Engineering Department, has brought great honour to the institute by securing the Gold Medal in Diploma Mining Engineering. The prestigious medal was awarded during the GTU Convocation Ceremony held in January 2025, recognizing his academic excellence and consistent dedication throughout the diploma program. His remarkable achievement reflects the high standards of teaching and learning maintained by the department and serves as a motivation for current and future students.

• SPORTS

Under the banner of Khel Mahakumbh 2024-25, a total of 72 students from Polytechnic Bhuj enthusiastically participated in various sports events, including athletics (100 m race), kabaddi, badminton, and volleyball. A remarkable achievement was recorded by Boka Priyanshu, a student of 4th semester of Mining Engineering, who secured 1st position in the 100 m race at the Taluka level and the 3rd position in the 100 m race category at District level. The department congratulates him and wishes great success in future sporting events.



STUDENTS' ACHIEVEMENT

• Research Publication by Students



Master Kashyap Priyadarshi and Master Dhruv Solanki, 6th semester students of the Mining Engineering Department, successfully presented a research paper titled “Sustainability and Challenges in Lithium Extraction as a Critical Mineral” at the International Conference on Future of Mining: Digital Empowerment and Youth-Led Sustainability (By Students, For Students) held on 22nd–23rd February 2025. The paper was presented under the valuable guidance of Mr. S. G. Srivastav, I/C Head of the Mining Engineering Department.

The conference was jointly organized by the Mining Engineers Association of India – Rajasthan Chapter (Udaipur Student Chapter) and the College of Technology and Engineering, Maharana Pratap University of Agriculture & Technology, Udaipur. Their research emphasized the growing importance of lithium in the global energy transition and the environmental and technical challenges associated with its sustainable extraction. Their participation showcased the academic enthusiasm and research potential of the institute’s budding engineers.

• SSIP Grants Secured for Innovative Student Projects (2024–25)

The Mechanical Engineering Department proudly secured SSIP (Student Startup and Innovation Policy) grants for two innovative projects during the academic year 2024–25. A team of seven students led by project guide Shri V. D. Patel (LME) received a grant of ₹49,980 for their project titled “Eco-Friendly Solar Tree for Smart Energy Solutions.”

Team Members:

- DABASIA VISHNU – 236218319003
- APARNATHI HARDIKGIRI – 236218319001
- MOTA RAJ – 236218319009
- RABARI MAYUR – 236218319012
- YADAV SACHIN – 226210319059
- YADAV VISHAL – 226210319061
- DEWANGAN AKASH – 216210319035

STUDENTS' ACHIEVEMENT

Another team comprising six students, under the mentorship of Mr. J. C. Makani (LME) and Mr. K. H. Siju (LME), was awarded ₹30,175 for their project “Develop Tube-in-Tube Heat Exchanger.” for laboratory experiment work

Team Members:

- Shrimali Aryan Nileshbhai – 226210319050
- Nakum Jignesh Vinubhai – 226210319024
- Barot Yug Nileshbhai – 226210319005
- Pateliya Utsav Dineshbhai – 226210319040
- Parmar Ved Bharatbhai – 226210319037
- Chhatre Vivek Manishbhai – 216210319026

• Few more Glimpses

- Aryan Shrimali, under the mentorship of Mr. K. H. Siju (LME) and Mr. J. C. Makani (LME), published a research paper titled “Design, Fabrication, and Experimental Evaluation of a Tube-in-Tube Heat Exchanger for Thermal Engineering Applications.” The paper explores efficient thermal transfer mechanisms through an experimental setup, contributing to sustainable energy systems.
- Vishnu Dabasiya, guided by Mr. N. K. Prajapati (LME), Mr. J. C. Makani (LME), and Mr. V. M. Gadhavi (LME), authored the paper “Fabrication of an Eco-Friendly Solar Tree for Smart Energy Solutions,” emphasizing decentralized renewable energy for smart cities.
- Anurag Singh, mentored by Mr. V. M. Gadhavi (LME), Mr. K. H. Siju (LME), and Mr. D. M. Chauhan (LME), presented “Portable Solar Powered Water Purifier: A Sustainable Approach to Global Water Challenges,” focusing on clean water access using solar technology.
- We are proud to announce that three final-year Mechanical Engineering students have successfully published their innovative project work in the International Research Journal of Modernization in Engineering, Technology, and Science (IRJMETS) under the expert guidance of faculty mentors.

GYMKHANA CELL

- **Khel Mahakumbh 2024-25 Activity**



Under the banner of Khel Mahakumbh 2024-25, a total of 72 students from Government Polytechnic Bhuj enthusiastically participated in various sports events, including athletics (100 m race), kabaddi, badminton, and volleyball. The event saw active involvement from students across different semesters, showcasing their skills and sportsmanship. A remarkable achievement was recorded by Boka Priyanshu, a student of 4th semester Mining Engineering, who secured 1st position in the 100 m race at the Taluka level. His outstanding performance earned him a place at the District level competition, where he continued to shine by securing the 3rd position in the 100 m race category. Such accomplishments highlight the dedication and talent of our students and reflect the institute's commitment to promoting extracurricular activities alongside academics. The institute congratulates all participants and wishes them success in future sporting events.

- **Celebration of Veer Baal Diwas**



On 26th December 2024, the Gymkhana Cell organized a seminar and group discussion to commemorate Veer Bal Diwas, as declared by the Honourable Prime Minister of India. The day is observed to pay tribute to the supreme sacrifices of Sahibzada Zorawar Singh and Sahibzada Fateh Singh, the younger sons of Guru Gobind Singh Ji, who were martyred at the tender ages of 9 and 7 in 1704 at Sirhind for refusing to renounce their Sikh faith.

The event also honoured the sacrifices of Guru Gobind Singh Ji's elder sons, Sahibzada Ajit Singh and Sahibzada Jujhar Singh, who attained martyrdom in the Battle of Chamkaur, fighting valiantly against the Mughal forces. A total of 40 students participated in the group discussion, reflecting on the historical and moral significance of the Sahibzadas' courage, devotion, and selflessness. The discussions highlighted how these sacrifices shaped India's spiritual and cultural fabric and inspired generations with values of justice, equality, and resilience. The event concluded with thoughtful reflections on the continued relevance of these martyrdoms in today's times, motivating the youth to uphold truth and moral strength.

GYMKHANA CELL

• Republic Day Celebration



The Government Polytechnic Bhuj celebrated Republic Day on 26th January 2025 with great enthusiasm. The event witnessed the participation of approximately 22 students and 16 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 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.

• Speech Competition under Viksit Bharat Sankalp Yatra – 2025

A speech competition was organized on 7th March 2025 under the Viksit Bharat Sankalp Yatra – 2025. A total of 12 students actively participated, delivering 5-minute speeches on various value-based and nation-building topics.

Among the participants, Malaiya Nileshbhai from Semester 6 of Mechanical Department stood out with his impactful speech on the topic “Youth: The Pillars of the Nation – Turning Away from Addictions,” and secured the 1st position at the college level. He was selected to represent the college at the Kachchh District level, showcasing the talent and awareness of our students.

The themes included:

1. Nation Building through Character Building – focusing on values, ethics, and cultural foundation.
2. Constitution @75 – highlighting citizens’ rights, duties, and national responsibilities.
3. Youth: The Pillars of the Nation – Turning Away from Addictions – stressing the dangers of addiction and the importance of discipline and values.
4. Respect, Decency, and Modesty: Foundations of Indian Culture – emphasizing respectful behavior, social conduct, and cultural strength.
5. Viksit Bharat 2047: Strong India – Compassionate India – imagining India’s future with economic, social, and technological growth.



GYMKHANA CELL

- Sports and Cultural Fest



The institute successfully hosted a four-day Sports and Cultural Festival from 18th to 21st March 2025. The event aimed to boost all-round student development by integrating physical activities and cultural expression alongside academics.

The festival commenced with an inaugural ceremony on 18th March, followed by lively events such as "Suit and Saree Day," "Ramp Walk," and "Blind Way." On 19th and 20th March, students participated in outdoor games like Box Cricket, Badminton, and Volleyball, and indoor games like Carrom, Chess, and Ludo. The final day showcased cultural talent with solo and group dances, sword dances, singing, drumming, and guitar performances. Over 350 students enthusiastically participated. Winners were awarded certificates and medals for their achievements.



Principal Dr. G. V. Lakhani encouraged students to stay active for a balanced lifestyle, while Gymkhana Convener Shri S. C. Dabhekar emphasized the development of life skills through such events.

The success of the event was driven by the efforts of faculty coordinators, the Gymkhana team, and student volunteers. Special appreciation goes to Cultural Coordinator Shri P. B. Thacker, Gymkhana team members, and student leaders who ensured smooth execution

- 100th Birth Anniversary Celebration of Atal Bihari Vajpayee

Government Polytechnic Bhuj celebrated the 100th Birth Anniversary of Bharat Ratna Shri Atal Bihari Vajpayee on 6th and 7th March 2025 with patriotic fervor. A total of 48 students participated in literary events, including a Poem Recitation Competition featuring Vajpayee's poems and a Poem Writing Competition inspired by his life and values. The event honored his legacy as a visionary leader and poet, promoting leadership, creativity, and national pride among students. The Principal and faculty appreciated the participants' efforts and emphasized the importance of learning from great leaders like Shri Vajpayee.

GYMKHANA CELL

- 11th International Yoga Day Celebration – 2025



Government Polytechnic Bhuj celebrated the 11th International Yoga Day on 21st June 2025 under the coordination of the Gymkhana Cell. The event aimed to promote physical, mental, and spiritual well-being among students and staff through the disciplined practice of yoga. Held at the Admin Building, the session began at 7:30 am with the presence of around 25 students and faculty members. The yoga session was conducted by Smt. Harshaben Budhbhatti, a certified trainer recognized by the Gujarat Government, who guided participants through a series of yoga asanas and breathing techniques.

The participants displayed active involvement and sincerity throughout the session, creating a calm and focused atmosphere. The event highlighted the benefits of regular yoga in reducing stress, improving posture, and enhancing overall health.

As a gesture of gratitude, the Principal of the institute presented a plant to the trainer at the end of the session. The entire event was smoothly managed by the Gymkhana Cell team, who ensured all arrangements and coordination.

FINISHING SCHOOL TRAINING



For developing Professional skills, employability skills, personality development skills etc. in students, finishing School training has been organized by Finishing School Training Cell from 03rd February to 22nd February 2025 (total 20 days) under the aegis of KCG Ahmedabad. In this training total 54 students from different departments had participated out of which 22 students had successfully completed the training. Mr. Paresh Patel and Mrs. Utpala Vaidya was the empaneled trainer who had given the best exposure of different skills to students and made them practice the skills by performing various interactive tasks. Apart from this, Principal Dr. G. V. Lakhani ,Coordinator of Finishing School Cell Mr. S. G. Srivastav ,Co-Coordinator Mr. S. C. Dabhekar & Finishing School team motivated students to participate in such type of skill-based training and coordinated the event.

STANDARD CLUB ACTIVITY

- STANDARD CARNIVAL-2025



On January 7, 2025, the Bureau of Indian Standards (BIS), Gandhidham organized Standards Carnival 2025 at Maitri School, Adipur, to promote innovation and BIS standards. Schools, industries, and educational institutions from across Kutch participated. Government Polytechnic Bhuj showcased three projects—3D Printing Machine by Mechanical Department students Navdeep Rathod, Rudra Karatela, Darshan Vasani, and Vinay Kumar Singh, and Belt Tensioner and Fire Stopping by Mining Department students Mitul Ode, Dhruv Solanki, Mayank Jhala, Dev Patel, Varun Chaudhary, and Rajni Parmar. We are proud that Navdeep Rathod (4th Semester, Mechanical) was awarded for his outstanding presentation, earning recognition for the institute. The Principal, Dr. G. V. Lakhani, congratulated the team for their achievement, reflecting the institute's commitment to innovation and excellence.

- World Consumer Rights Day celebration



As part of the World Consumer Rights Day celebration, the BIS Gandhidham Branch launched the Youth to Youth Government Official Connect Campaign to raise awareness about BIS standards and digital tools like the BIS Care App. Government Polytechnic Bhuj actively participated under the guidance of Standard Club Coordinator Mr. Divyanshu Lokwani. Eight student volunteers engaged with over 80 government officials, promoting BIS awareness, demonstrating the app, and collecting feedback. The campaign strengthened student communication skills and reinforced the institute's dedication to quality, standards, and community outreach.

STANDARD CLUB ACTIVITY

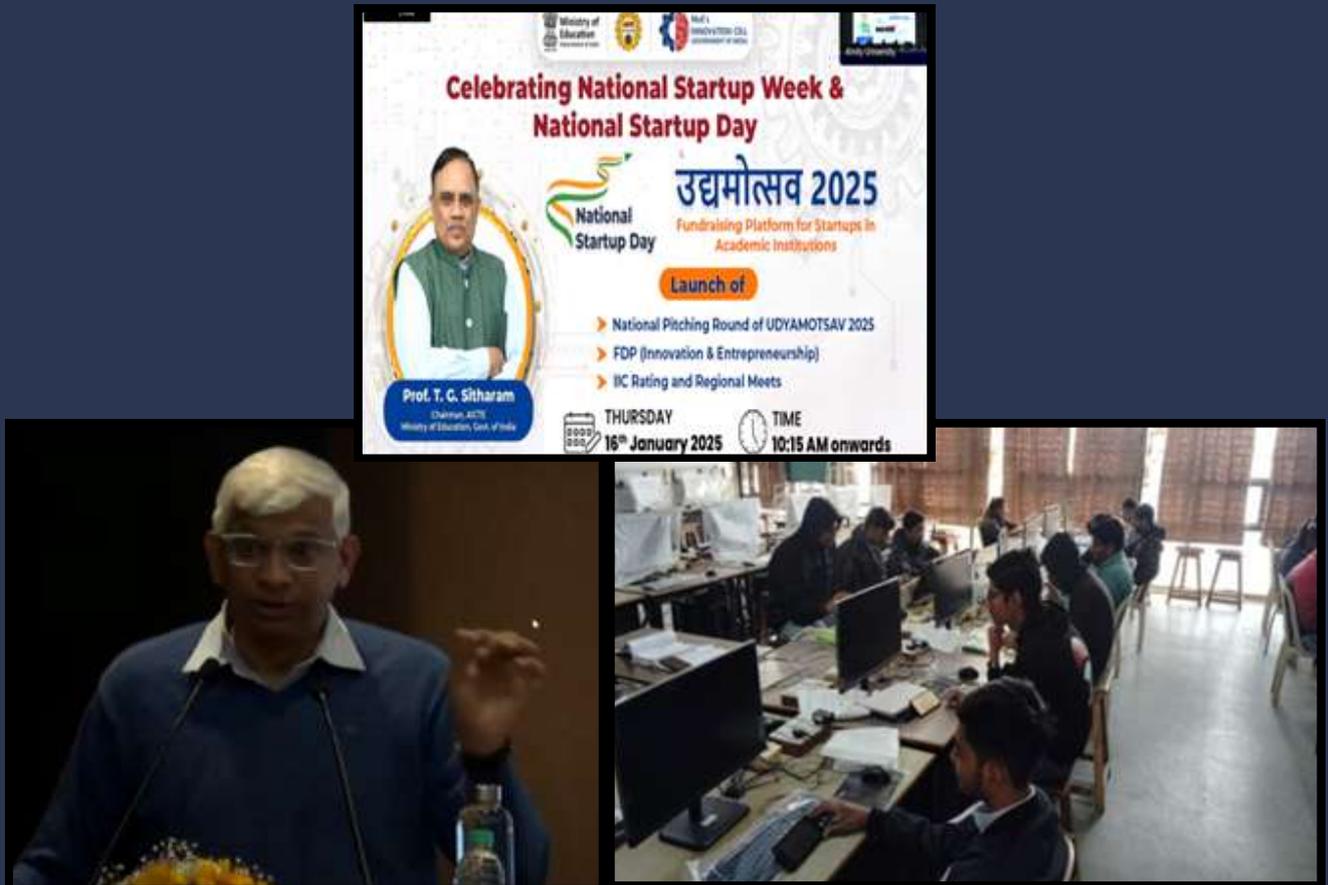
- Orientation program for first-year students



On 17th February 2025 (Monday), Government Polytechnic Bhuj organized an orientation program for first-year students under the Standard Club initiative with support from BIS Rajkot. Shri Vijay Jaru, Engineer from BIS Rajkot, graced the event with his presence. Held at the LRUC building, the session aimed to raise awareness about standards and the role of the Standard Club. A total of 62 students attended, and a slogan writing competition was also conducted to encourage creativity and engagement. Fifty-five students registered as Standard Club members. The event, coordinated by Mr. Divyanshu Lokwani and the institute's dedicated staff, was successfully conducted, inspiring students to actively contribute to quality and standardization efforts.

STUDENT STARTUP AND INNOVATION CELL

- Celebration of National Startup Day with IIC & AICTE



The program of national startup day on 16th January, 2025 featured the esteemed presence of AICTE Chairman, Prof. T. G. Sitharam, who officially launched: 1. National Pitching Round of UDYAMOTSAV-2025 2. The Faculty Development Programme on Innovation & Entrepreneurship 3. IIC 6.0 Annual Performance (Star Rating) of IIC Institutions 4. Conduct of IIC Regional Meets, 2025.

Mr. Abhay Jere Motivated audience to leverage benefits of current era with detailed explanation of opportunity to grab. Total 157 students of GP bhuj along with 10 faculty members participated from GP bhuj.

Platform: YouTube Live: <https://www.youtube.com/live/Ds46dWMB8yM>

STUDENT STARTUP AND INNOVATION CELL

- EXPERT SESSION ON “START-UP AWARENESS” UNDER “ENTREPRENEURSHIP DEVELOPMENT CELL”



Government Polytechnic Bhuj organized a one-day seminar on "Start-Up Awareness" on February 25th, 2025, in the auditorium hall. The seminar focused on entrepreneurship awareness and startup ecosystems. The program started at 11.30 A.M. with a welcome address by Mr. Divyanshu Lokwani. The dignitaries on the Dias were Dr. G.V. Lakhani (I/C Principal, GP Bhuj), Mr. Milap Vaishnav (Faculty at Rural Self Employment Training Institute, Kutch) and HOD of various departments. The opening remarks and introduction of the program were given by Dr. G.V. Lakhani. He highlighted the importance of startups and entrepreneurship. He also highlighted society's need for innovation and startups. He also welcomed the speaker and expressed his gratitude to him. 195 students and 15 faculties attended the session.

The keynote address was given by Mr. Milap Vaishnav (Faculty at Rural Self Employment Training Institute, Kutch) He shared thoughts about Start-Up. He also shared his thoughts about rural self-employment. He shared information regarding self-employment opportunities in various sectors of Kutch. He gave information regarding the various government schemes to nurture startups, like PM Mudra Yojana. He also talked about central government center (BOB-RSETI) for uneducated people for skill enhancement. He also mentioned government policies for startup motivation. After that, a question-and-answer session was conducted. Expert was felicitated by the institute's principal and the vote of thanks was given by Mr. Divyanshu Lokwani. The program wrapped up with national anthem around 01:00 P.M.

PROJECT EXPO 2025



As an academic calendar activity, to promote culture of startup and innovation among students, on 25th April 2025 all branches of the diploma engineering departments organized Project Expo - 2025. Total 48 Teams & Total 167 Students Participated. Collectively Total 07 External experts from concerned departments were invited to evaluate project work based on the criteria of innovation, creativity, application, future scope and presentation skills of student's project work. Based on evaluation by experts 06 best teams were awarded with memento. All experts were also facilitated with memento to appreciate their presence.

PROJECT EXPO 2025



PROJECT EXPO 2025

Project Expo 2025				
Name Of Department	Number Of Teams Participated	Name Of Invited Experts	Project Title	Name Winner
Computer Engineering	30	Mr. HARDIK CHAWDA (BSNL - Bhuj)	Restaurant website	Vorani Megha Vaghela Rudra Varsani Bhumi
			Hotel management system	Joshi Bhumi Jardosh Ramyaa Joshi Shreya
Civil Engineering	34	Prof.M.R.Vithlani (HOD, Civil Eng Dept GEC Bhuj) Prof. Devang P. Majithia (Ass prof, GEC Bhuj)	Modeling and Analysis of Truss Bridge.	Bhadru Vandana Bhadru Varsha Vaghela Janvi Vyas Ghanshyam Kandoi Aryan
			Upgradation of Road-Case study Airport Ring Road	Mahek Gauswami Chopdar Rumana Jadeja Nikeetaba
Electrical Engineering	6	Mr. PRATIK TRIVEDI (Jyoti transelect - GIDC Bhuj)	Arduino and GSM based motor controller	Dipak kerai Nitya gor Damodar rathod Om darji Niraj parmar
Mechanical Engineering	4	PROF D. J. PATEL (Ass prof, GEC Bhuj)	Eco friendly solar tree for smart energy solution	Dabasia Vishnu
Mining Engineering	2	JAYDIPSINH P JADEJA (Sr. Manager - GIPL) SAMYA SHAH (Lecturer, Mining)	Measuring strength properties of rocks	Priyadarshi Kashyap Singh Gautamkumar Parmar Hirenkumar Sonpar Shivam
			Testing of mineral properties	Solanki Dhruvkumar Od mitulkumar Patel Devbhai zala Mayankkumar

NATIONAL CADETS CORPS (NCC) UNIT



NCC cadets actively participated in a variety of camps and events between January and June 2025, displaying dedication, teamwork, and enthusiasm. Cadets Sodha Jayendra and Barach Ajaysinh represented the institute at the MENU Camp held at Porbandar from 10th to 21st February 2025, where they gained valuable exposure to naval training. Additionally, five cadets participated in the Pre-NSC I Camp held at Jamnagar from 27th May to 5th June 2025, out of which two cadets were proudly selected for the prestigious upcoming Nau Sainik Camp(NSC).

A team of 23 cadets attended the Combined Annual Training Camp (CATC) organized at Saraspar, Rudramata, Bhuj. During the camp, cadets were introduced to the regimental way of life and learned semaphore, boat rigging, knot rigging, and 0.22mm rifle shooting. They actively participated in competitions such as firing, sports, cultural, essay writing, and painting. Notably, Cadet Ritesh Kumar and Cadet Nayan Prajapati won runner-up medals in the running competition, bringing pride to the institution.

Cadets also took part in a mock drill organized by the Civil Defence Department on 7th May 2025 at Police Parade Ground, Bhuj, during operation Sindoor. On 12th June 2025, they enthusiastically participated in International Yoga Day celebrations organized by 5 GUJ Naval Unit NCC at Smriti Van. In a special recognition, SCC Karan Sangar was named on the Best Performer of the Year Board at 5 GUJ Naval Unit NCC. These accomplishments were made possible with the constant encouragement and support of Principal Dr. Gaurang Lakhani, ANO Sub Lt. J.C. Makani, HODs, and faculty members.

NATIONAL SERVICE SCHEME (NSS) UNIT

- “No Tobacco” Drive–VyashanMukta Bharat



To promote awareness of tobacco’s harmful effects and support a tobacco-free environment, the NSS Unit organized an exhibition on the theme “No Tobacco Drive” and “VyashanMukta Bharat” in collaboration with Gayatri Parivar, Bhuj, on 1st April 2025. The event aimed to sensitize students, faculty, and staff about the severe health hazards of tobacco consumption and encourage healthy lifestyles. The exhibition showcased posters, models, banners, and books with real-life case studies. Gayatri Parivar volunteers conducted interactive sessions, shared motivational stories, and distributed pamphlets. Around 225 students participated enthusiastically, and the initiative received wide appreciation, inspiring many to pledge a tobacco-free life

- Thalassemia testing camp



On 11th April 2025, Government Polytechnic Bhuj, the only government diploma college in Bhuj, organized a Thalassemia testing camp for students in collaboration with the NSS Unit, Rotary Club of Bhuj Wallcity, and Indian Red Cross Society.

The event was graced by Rotary dignitaries including Asst. Governor Rtn. Dhaval Raval, President Rtn. Dwijesh Acharya, Project Chairperson Rtn. Pooja Acharya, and Red Cross Secretary Mrs. Meera Savaliya, who highlighted the importance of Thalassemia awareness and testing, especially before marriage.

College Principal Dr. G.V. Lakhani, NSS Program Officer Mr. Yashrajsinh Jethwa, faculty, and a large number of students attended. A total of 351 first-year students gave samples for testing. The event was well-coordinated by Lecturer Mr. Palak Thackar with strong support from all departments, reinforcing the college’s commitment to students' overall well-being alongside technical education.

TRAINING AND PLACEMENT CELL

• Campus Placement Achievements

The Training & Placement Cell is delighted to share the successful campus placement outcomes for the academic year 2024–25. Esteemed industries have selected our talented students with attractive salary packages and promising career prospects. The placement details are as follows:

• Ratnamani Metals

A total of seven students from the Mechanical Engineering Department have been selected by Ratnamani Metals. They will receive a stipend of ₹21,500/- per month during training, which will be increased to ₹26,000/- upon confirmation.

Selected Students (Mechanical Engineering):

Mr. Vishal Yadav, Mr. Rahul Vishwakarma, Mr. Anurag Aman Singh, Mr. Mayur N. Vankar, Mr. HardikApanathi, Mr. Hardip S. Sodha, Mr. Jenish N. Gusai

• Torrent Power Renewables

Mr. Rajesh Mehar, from the Electrical Engineering Department, has been selected by Torrent Power Renewables with a package of ₹3.00 LPA during training, which will be revised to ₹3.50 LPA after confirmation.

• Aditya Birla Renewables

Mr. Vivek Khungala, from the Electrical Engineering Department, has secured placement at Aditya Birla Renewables. He has been offered a salary package of ₹3.50 LPA during training, and ₹4.20 LPA after training.

We congratulate all selected students and extend our sincere appreciation to the recruiting organizations for their partnership and support in building the careers of our students.

TRAINING AND PLACEMENT CELL

• Employability Skills Training – Wadhvani Foundation Collaboration

Government Polytechnic Bhuj successfully conducted the "Employability Skills – Job Ready" course for final-year students in collaboration with Wadhvani Foundation, under an MoU signed with the Directorate of Technical Education (DTE), Gujarat.

The course aimed to enhance students' soft skills, communication, workplace readiness, and overall employability for a smooth transition into the professional world.

A total of 168 students from various departments registered for the program:

- Computer Engineering – 76 students
- Civil Engineering – 27 students
- Mining Engineering – 08 students
- Electrical Engineering – 29 students
- Mechanical Engineering – 28 students

We are proud to announce that 71 students successfully completed the entire program, gaining valuable skills to boost their career readiness. This initiative marks a step forward in bridging the gap between academic learning and industry expectations.

• Employability Skill Assessment (GRADE) – 2025

To enhance employability among final-year diploma students, Gujarat Knowledge Society (GKS) signed an MoU with TriChambers Consulting to offer the GRADE Skill Assessment free of cost. Government Polytechnic Bhuj conducted the assessment on 27–28 February 2025, with 98 students from various branches participating. The tool evaluated students on 11 employability factors, benchmarking them against global standards. The average score was 41% compared to the 72% industry benchmark. Key strengths included task execution, learning inclination, and focus, while communication and motivation needed improvement. This initiative significantly supported students' industry readiness. The institute thanks GKS and TriChambers for their contribution.

MEMORANDUMS OF UNDERSTANDING(MoUs)

- **Institute-Level MoUs to Promote Skill Development and Industry Readiness**

In its ongoing commitment to bridging the gap between academic learning and industry requirements, Government Polytechnic Bhuj has signed two significant institute-level MoUs to boost student exposure to industry-relevant skills and experiences.

- **IIT Bombay**



The first MoU, with IIT Bombay under the Ministry of Education's Spoken Tutorial Project, empowers students to learn Free and Open Source Software (FOSS) tools through self-paced modules.

Coordinated by Mrs. Akanksha Saini, this initiative supports Digital India and Skill India missions and remains valid from 18th October 2023 to 24th December 2025

- **Federation of Kutch Industries Associations**



The second MoU is with the Federation of Kutch Industries Associations (FOKIA), offering students valuable opportunities for industrial training, internships, knowledge exchange, and placements.

Effective from 24th March 2025, this collaboration aims to foster strong industry-institute interaction and enhance students' employability through practical exposure and mentoring. These strategic alliances enrich the academic environment with skill-based and industry-aligned learning opportunities.

- **Department-Level MoU for Practical Exposure and Industry Interaction**



The Electrical Engineering Department has signed an MoU with ANAM Industries, GIDC, Bhuj, to strengthen industry-institute collaboration.

The MoU enables students to gain industrial exposure through internships, site visits, training, and expert sessions. Guided by Mr. AtulAnam, Proprietor of ANAM Industries, the initiative helps students apply theoretical knowledge in real industrial settings. Effective from 20th December 2024 to 20th December 2029, this five-year partnership aims to enhance students' practical skills and industry readiness, supporting their professional growth and smooth transition into the workforce.

ENVIRONMENT PROTECTION CELL

- Awareness about Mission Life



The Science & Humanities Department & Applied Mechanics Department organized an expert talk on Mission Life by Smt. K. V. Harapal on 17-1-2025. The session aimed to enlighten students and faculty on the principles and objectives of Mission Life, emphasizing sustainable living and responsible citizenship. The expert talk by Smt. K. V. Harapal on Mission Life was an informative and inspiring session, fostering awareness about sustainability and responsible living.

- Program on the theme of "Greenery"

Our institution successfully organized a program on the theme of "Greenery" on 6th March 2025. The main objective of the event was to spread the message of environmental conservation and promote greenery through tree plantation. The program commenced with an inspiring address by the honorable president. On this occasion, a lecture on the importance of a green environment was also organized. The entire event was conducted with great enthusiasm, culminating in a strong commitment to environmental responsibility.



- Pledge taken & awareness lecture on environmental protection



A Pledge Taking Ceremony and General Awareness Lecture on environmental protection was successfully organized at our institute on 25-4-2025. The program aimed to instill a sense of responsibility among students towards the protection and conservation of our environment.

The event commenced with the environmental pledge, where all participants solemnly vowed to protect nature, reduce pollution, conserve resources, and promote sustainable practices in daily life. The pledge served as a reminder of our collective duty to safeguard our surroundings for future generations.

ENVIRONMENT PROTECTION CELL

- Awareness on EcoMitram App for Eco-Friendly Living”



The Department of Mechanical Engineering organized an awareness initiative to promote environmental consciousness through the EcoMitram mobile application. Guided by Principal Dr. G. V. Lakhani, Head of Department Dr. S. H. Vora, and faculty coordinator Mr. D. M. Chauhan, the activity encouraged students to adopt sustainable practices in daily life. EcoMitram, available on Google Play Store, helps users track and improve eco-friendly habits.

A poster campaign was launched on the college notice board and social media to maximize outreach. The initiative reinforced the department’s commitment to green practices, inspiring students to contribute actively towards environmental sustainability and a greener future

- Celebration of world environment Day & Tree Plantation Drive



Our institute celebrated World Environment Day on 05-07-2025 with enthusiastic participation from faculty, staff, and students. The event aimed to raise awareness about environmental issues and promote sustainable practices. A tree plantation drive was organized, where dignitaries, faculty members, and Class IV staff planted saplings, symbolizing commitment to a greener future. Coordinated by the Environment Protection Cell and Gymkhana Cell, the initiative included flowering and shade-providing plants across the campus. A pledge ceremony reinforced collective responsibility. The Principal appreciated participants’ efforts, emphasizing the importance of such initiatives in fostering sustainability and encouraging continued contributions to environmental protection.

WOMAN DEVELOPMENT CELL

- Hemoglobin Test of Female Students



The Women Development Cell, in collaboration with the Indian Red Cross Society, Bhuj, successfully organized a Haemoglobin Testing Drive for female students on 11th April 2025. This initiative was aimed at promoting health awareness and early detection of anaemia among young women. The testing was conducted at subsidized rates to ensure accessibility for all students.

A total of 44 female students from the Computer, Civil, Electrical, and Mining Engineering departments participated in the drive and benefitted from the initiative. The Women Development Team played an active role in facilitating the blood sampling process, ensuring a smooth and efficient experience for all participants.

As part of the awareness campaign, students were educated on the significance of iron in the human body, iron-rich dietary sources, and the health risks associated with iron deficiency and anaemia. Emphasis was placed on the importance of regular health check-ups and the role of haemoglobin testing in the early detection and management of anaemia through appropriate diet and supplements.

The entire program was conducted under the valuable guidance and support of the Principal, Dr. G. V. Lakhani sir, whose leadership contributed to the success of this health-focused initiative

MEDIA COVERAGE

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ન્યૂઝ બ્રિફ

ભુજની સરકારી પોલીટેકનીકને ભૂતપૂર્વ વિદ્યાર્થીઓ દ્વારા લેઝર પ્રિન્ટર અપાયું



ભુજ : સરકારી પોલીટેકનિક ભુજના ભૂતપૂર્વ વિદ્યાર્થીઓના એલ્યુમની એસોસિએશનના સહયોગથી સંસ્થા ખાતે વિદ્યાર્થીઓને મદદરૂપ થવા લેઝર પ્રિન્ટર ભેટ અપાયું હતું. એલ્યુમની એસોસિએશનના પ્રમુખ દીપક ડાંગર અને અન્ય હોદ્દેદારો નિલય ગોસ્વામી, તીર્થરાજ મકવાણા વગેરે હાજર રહ્યા હતા. સરકારી પોલીટેકનિકના આચાર્ય ડો. ગોરાંગ લાખાણીએ સૌનો આભાર વ્યક્ત કર્યો હતો. તમામ વિભાગના વડાઓએ માતૃસંસ્થાનું શુભા ઉતારવા મદદ માટે હંમેશા તત્પર રહેતા ભૂતપૂર્વ વિદ્યાર્થીઓના યોગદાનને બિરદાવ્યું હતું. કન્વીનર યશરાજસિંહ જેઠવા તથા અન્ય અધ્યાપકોએ જી હંમત ઉઠાવી હતી.

દિવ્ય ભાસ્કર ભુજ 07-04-2025

કોલેજમાં મિકેનિકલ, ઈલેક્ટ્રીકલ, કોમ્પ્યુટર, સિવિલ તથા માર્શિંગ ઈજનેરીનો થાય છે અભ્યાસ

ભુજની સરકારી પોલીટેકનીકની દરેક બ્રાન્ચને એકેડેમિક્સની માન્યતા મળી, ગુજરાતની પ્રથમ કોલેજ



કચ્છનાં છાત્રોને ચોક્કસ ફાયદો થશે

આચાર્ય ડો. જી. વી. લાખાણીએ જણાવ્યું છે કે, સરકારી પોલીટેકનિક ભુજની સરકારી પોલીટેકનિકની દરેક બ્રાન્ચને એકેડેમિક્સની માન્યતા મળી છે. આ માન્યતા મળવા અગાઉ અન્ય સરકારી કોલેજોમાં અભ્યાસ કરનાર વિદ્યાર્થીઓને નોકરી મેળવવામાં મુશ્કેલી પડતી હતી. આ માન્યતા મળવાથી વિદ્યાર્થીઓને નોકરી મેળવવામાં મુશ્કેલી નહીં રહેશે. આ માન્યતા મળવાથી વિદ્યાર્થીઓને નોકરી મેળવવામાં મુશ્કેલી નહીં રહેશે.

ઈન્સ્ટેક્શનમાં આ જાબતોનો તપાસાય છે સ્ટેડી

ઈન્સ્ટેક્શનમાં મુખ્યત્વે કોલેજમાં વિદ્યાર્થીઓને આપવામાં આવતી વિવિધ સવસ્થા, લેબોરેટરી, ઈ-કન્ટ્રોલર, સોફ્ટવેર સ્ટોરની વાપરકામ, અનુભવ, સૈદ્ધાંતિક ગુણવત્તા, વિદ્યાર્થીઓનો સંખ્યા તેમના પરિણામોની ગુણવત્તા, વાપરેલી પેનલમેન્ટ, અપેટ સ્પોર્ટ્સ, કો-કરીક્યુલર તથા એક્સ્ટ્રા-કોરીક્યુલર પ્રવૃત્તિઓ વગેરે બાબતોમાં પાછલા સમયમાં થયેલાં ફેરફારો તપાસી આગમી સમય માટે માન્યતા આપવામાં આવે છે. આ પ્રક્રિયામાં સંસ્થામાં જુદા-જુદા વિભાગો, નોડલ ઓફિસરો તથા સ્વયં સ્ટેડી હોડાઈને પણ સમાવવામાં આવે છે.

વિદેશ અભ્યાસ અને નોકરી માટે સફળતા

જે વિદ્યાર્થીઓ એકેડેમિક્સ મળ્યું હોય તેનાં વિદ્યાર્થીઓને ઉચ્ચ અભ્યાસ અથવા નોકરી અર્થે વિદેશ જવું હોય તો સૌથી જ લાભ થાય છે.

ભુજની સરકારી પોલીટેકનિક ખાતે વિદાય સમારંભ



સરકારી પોલીટેકનિક ભુજના ભૂતપૂર્વ આચાર્ય તથા વ્યાખ્યાતા એલાઈ મિકેનિક્સ રાજેશ જનાર્દન હાથી વય નિવૃત્ત થતાં તેઓનો વિદાય સમારંભ કાર્યક્રમ યોજાયો હતો. હાલના આચાર્ય ગોરાંગભાઈ લાખાણીએ તેઓની સેવાને બીરદાવી શુભેચ્છાઓ પાઠવી હતી.

ભુજ ખાતે 'સ્ટાર્ટ-અપ જાગૃતિ' કાર્યક્રમમાં ૧૯૫ વિદ્યાર્થી જોડાયા

ઉદ્યોગ સાહસિકતાની તકો, ઇકો સિસ્ટમની માહિતી અપાઈ



ભુજ, તા. ૨૮ : પોજાયેલા 'સ્ટાર્ટ-અપ જાગૃતિ' કાર્યક્રમમાં ૧૯૫થી વધુ વિદ્યાર્થીઓ જોડાયા હતા. સરકાર દ્વારા રાજ્યમાં ચાલતી એસ.એસ.આઇ.પી. પોલિસી અંતર્ગત યોજાયેલા કાર્યક્રમમાં આમીસ સ્વરોજગાર તાલીમ સંસ્થાના નિલાય વેખાવે સ્ટાર્ટ-અપ, આમીસ સ્વરોજગાર, કચ્છના વિવિધ ભાગમાં સ્વરોજગારીની તકો, પી.એમ. મુદ્રા યોજના જેવા સ્ટાર્ટ-અપ ઉદ્દેશ્ય માટેની સરકારી યોજનાઓની માહિતી આપી હતી. અશિક્ષિત લોકો માટે કૌશલ્ય વૃદ્ધિ ધાય તે હેતુથી ચાલતા કેન્દ્ર સરકારના કેન્દ્ર (બીઓબી-આરએસડીઆઈ) વિશે વાત કરતાં સ્ટાર્ટ-અપ મોડેલેશન માટે સરકારની નીતિઓનો ઉલ્લેખ કરાયો હતો. સરકારી પોલીટેકનિકના આચાર્ય ડો. ગોરાંગ લાખાણીએ વિદ્યાર્થીઓને નવા વિચારો પર ક્રમ કરવા તથા સરકારની વિવિધ યોજનાઓનો લાભ લેવા પ્રેરિત કર્યા હતા. સંસ્થાના અધિકારીઓ ઉપસ્થિત રહ્યા હતા.

MEDIA COVERAGE

સફળતા | નવી પેટન્ટને ભારત સરકારની માન્યતા, હવે આંતરિક રચના તૈયાર કરાશે ભુજના પ્રોફેસરોએ AI બેઝ ઇલેક્ટ્રીક કારની ડિઝાઇન બનાવી, જે સોલારથી થશે ચાર્જ

એન્યુકેશન રિપોર્ટર ભુજ

હાલમાં એઆઈ અને ઇલેક્ટ્રીક વાહનોનો જમાનો છે ત્યારે ભુજના પ્રોફેસરોએ એઆઈ બેઝ ઇલેક્ટ્રીક વાહનની ડિઝાઇન તૈયાર કરી છે અને તેની પેટન્ટ પણ મેળવવાઈ છે. ભવિષ્યમાં હવે આ ડી.ની આંતરિક રચના તૈયાર કરી તેની યુટીલિટી પેટન્ટ મેળવવામાં આવશે.

આ બાબતે મળતી માહિતી પ્રમાણે, હાલમાં ઇલેક્ટ્રીક વાહનોનું ચલણ વધી રહ્યું છે અને સરકાર દ્વારા પણ તેને પ્રોત્સાહન આપવામાં આવી રહ્યું છે સાથે દરેક ક્ષેત્રમાં એઆઈ પ્રવેશ કરી ચૂક્યું છે ત્યારે આર્ટિફિશિયલ ઇન્ટેલિજન્સની મદદથી ભુજના પ્રોફેસરોએ એઆઈ



બેઝ ઇલેક્ટ્રીક કારની ડિઝાઇન તૈયાર કરી છે. સરકારી પોલિટેકનિક ભુજના ઇલેક્ટ્રીકલ ઇજનેરી વિભાગના ફેકલ્ટી સભ્યો મનમીત વાહેર, વસીમ મિસ્ત્રી, મિતેશ રાવલ અને રૂપા વ્યાસે આ ડિઝાઇન તૈયાર કરી છે. આ ડિઝાઇન તૈયાર કરતા બે મહિના થયા હતા. આ ડિઝાઇન તૈયાર કરી તા. 23/10/2024 ના કેન્દ્ર સરકારના પેટન્ટ ઓફિસ

ખાતે નોંધણી કરાવાઈ હતી. જેમાં ડિઝાઇનનું પરીક્ષણ થયું હતું અને સફળતાપૂર્વક આ ડિઝાઇન પોતાના નામે કરી છે. આ નવીન ડિઝાઇનને ભારત સરકારના પેટન્ટ ઓફિસ દ્વારા પ્રમાણિત કરવામાં આવી છે જેથી ઇલેક્ટ્રીકલ વિભાગના વડા દીપીકા રાવલ અને કોલેજના આચાર્ય ડો. જી.વી.લાખાણીએ અભિનંદન પાઠવ્યા હતા.

પ્રો. મનમીત વાહેર સાથે વાત કરતા તેઓએ જણાવ્યું કે, એઆઈ બેઝ ઇલેક્ટ્રીક કારની અમે ડિઝાઇન તૈયાર કરી છે જેમાં સેન્સર, ક્યુબલ સહિતની બાબતોમાં એઆઈનો ઉપયોગ કર્યો છે સાથે મહત્વની બાબત એ છે કે, આ ગાડી સોલારથી ઓટોમેટિક ચાર્જ થશે તેને અલગથી ચાર્જ કરવાની કોઈ જરૂર પડશે નહીં. તેની કીઝીકલ બોડી સિલિકોનની હશે એટલે ગાડી રનિંગ કરશે અને ચાર્જ થતી આવશે જેથી સમય શક્તિનો બચાવ થશે. હાલમાં માત્ર ડિઝાઇન બનાવી છે ભવિષ્યમાં ગાડીના ઇન્ટરિયર બાબતે ડિઝાઇન બનાવી તેની યુટીલિટી પેટન્ટ મેળવવાનો લક્ષ્ય હોવાનું જણાવ્યું હતું.

ભુજની સરકારી પોલિટેકનિકમાં જાગૃતિ સેમિનાર યોજાશે

ભુજ | (સંદેશ પ્રતિનિધિ)

ભુજ ખાતે સરકારી પોલિટેકનિકમાં ડિપ્લોમાથી ડિગ્રી એન્જિનિયરિંગ એડમિશન બાબતે આગામી તા. ૨૭ ફેબ્રુઆરીનાં DDCET ૨૦૨૫ જાગૃતિ સેમિનાર યોજાશે. ડિપ્લોમાથી ડિગ્રી ઇજનેરી અભ્યાસક્રમમાં પ્રવેશ માટે યોજાનાર નવી પ્રવેશ પરીક્ષા DDCETના માર્ગદર્શન હેતુ સમગ્ર રાજ્યમાં વિવિધ જિલ્લા સ્તરે પ્રવેશ મેળવવા ઇચ્છુક વિદ્યાર્થીઓ અને વાલીઓને માર્ગદર્શન આપવા તથા ઓનલાઈન પ્રવેશ પ્રક્રિયા સંદર્ભિત માહિતી પૂરી પાડવા તા ૨૭/૨નાં DDCET ૨૦૨૫ જાગૃતિ સેમિનાર યોજાશે.

જે અંતર્ગત સવારે ૧૧:૦૦ કલાકે સરકારી પોલિટેકનિકના ઓડિટોરિયમ ખાતે યોજાનારા કાર્યક્રમમાં ACPC અમદાવાદ ખાતેથી તજજ્ઞ દ્વારા વિદ્યાર્થીઓ તથા વાલીને યોગ્ય માર્ગદર્શન પૂરું પાડવામાં આવશે.

પોલિટેકનિકમાં કમ્પ્યુટર-એઈડેડ ડિઝાઇન લેબોરેટરી ખુલ્લી મુકાઈ



ભુજ : શહેરની સરકારી પોલિટેકનિકના મિકેનિકલ એન્જિનિયરિંગ વિભાગમાં 15 લાખના ખર્ચે બનવાયેલી કમ્પ્યુટર-એઈડેડ ડિઝાઇન (CAD) લેબોરેટરીનું ઉદ્ઘાટન કરાયું હતું. આ લેબના નિર્માણ માટે બીકેટી કંપની દ્વારા સહયોગ અપાયો હતો. આ નવી લેબોરેટરી મિકેનિકલ એન્જિનિયરિંગના વિદ્યાર્થીઓને CAD સોફ્ટવેરનો ઉપયોગ કરીને અનુભવ સાથે કૌશલ્યવર્ધન માટે ઉપયોગી બનશે. લેબમાં કોમ્પ્યુટર, પ્રીન્ટર સહિતની સુવિધા ઉપલબ્ધ કરાઈ છે. મિકેનિકલ એન્જિનિયરિંગ વિભાગના એચ.ઓ.ડી ડો. સાહુર, વોરા, પોલીટેકનીકના

આચાર્ય ડો. ગોરાંગ લાખાણીએ લેબનું મહત્વ જણાવ્યું હતું. ગુજરાત ટેકનિકલ શિક્ષણ વિભાગના સંયુક્ત નિયામક ડો. સચિન પરીખ ઓનલાઈન જોડાયા હતા. ડો. વોરાએ પ્રયોગશાળાની સુવિધાથી વિદ્યાર્થીઓને આજના ઉદ્યોગોની માંગને પહોંચી વળવા તૈયાર કરશે તેમ જણાવ્યું હતું. સંચાલન વી.એમ. ગઢવીએ જ્યારે આભારવિધિ ડી.બી. લોકવાણીએ કરી હતી. કાર્યક્રમમાં કંપનીના શુભેન્દુ અંજારિયા, શ્રીધર નાયડુ, ડી.બી. ઝાલા, ડી.ડી. રાણા, પ્રત્યંચ અંજારિયા, નટુભા પરમાર સહિતના જોડાયા હતા.

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