Parul® University

NAAC A++ ACCREDITED UNIVERSITY

A Report on

"SUSTAINABLE DEVELOPMENT GOALS"

United Nations Sustainable Development Goals through Higher Education Institutions



Preface

The concept of the Sustainable Development Goals (SDGs) was developed at the United Nations Conference on Sustainable Development in Rio de Janeiro in 2012. The objective was to produce a set of universal goals that meet the urgent environmental, political, and economic challenges facing our world. The United Nations SDGs are a collection of 17 interlinked global goals. Based on the quantum of achievements in realizing the SDGs, the countries are ranked in the Sustainable Development Report. India was placed at 120th rank in the Sustainable Development Report 2021. This instigated urgent action from all sectors of the country. Due to their unique position in society, Higher Educational Institutions (HEIs) have immense scope and potential to contribute towards achieving all the 17 SDGs and thereby accomplishing the 2030 agenda. Indeed, realizing the SDGs without the involvement of the higher education sector is quite an impossible task.

HEIs are townships and hubs for igniting young minds through education, innovation, and research. Each HEI can play a significant role in the effective implementation of SDGs in their respective regions and inspire society. Globally, the **Times Higher Education (THE) Impact Rankings 2025**, which assess universities on their SDG progress, show that Asian institutions are now leading in 10 out of the 17 individual SDG tables. This demonstrates the critical impact HEIs are having. The Association of Indian Universities (AIU) which represents 932 plus Indian HEIs has been spearheading the campaign to implement all 17 UN SDGs in the country by organizing Vice Chancellors' Meets at five zonal levels and one at the national level on the theme 'Realizing Sustainable Development Goals through Higher Education Institutions' during 2021-22.

About University

Parul University, located in Vadodara, Gujarat, is a multidisciplinary centre of learning and innovation, known for promoting quality in higher education. It is proudly recognized as India's youngest private university to receive NAAC A++ accreditation (CGPA 3.55) in its first cycle under the Health Science category. The University beautifully blends India's rich cultural heritage with modern education and innovation, offering students an enriching academic experience that contributes to both national and global development.

With 38 constituent colleges and 21 faculties, Parul University offers a wide range of Diploma, Undergraduate, Postgraduate, and PhD programs across various disciplines. Its industry-linked and skill-oriented programs help students achieve their dreams through strong start-up support and excellent placement opportunities. The eco-friendly 150+ acre campus provides a vibrant learning environment equipped with state-of-the-art facilities.

Parul University has demonstrated remarkable academic and institutional excellence across multiple national and global rankings, reaffirming its position as a leading centre of higher education and innovation. In the NIRF 2025 Rankings by the Ministry of Education, Government of India, the University achieved an overall score of 41.344, with 44.022 in the University category, 54.882 in Pharmacy, 46.78 in Architecture and Planning, 20.588 in

Management, and 43.323 in Innovation—reflecting its strong commitment to academic quality, research, and creativity. Further strengthening its global presence, Parul University earned recognition in the Times Higher Education (THE) Impact Rankings 2025, ranking in the 1001–1500 global band overall and among the Top 50 universities in India, with notable positions in SDG 4 (Quality Education), SDG 3 (Good Health and Well-being), SDG 5 (Gender Equality), and SDG 17 (Partnerships for the Goals). The University has also been honoured as a Centre of Excellence by the Government of Gujarat for its outstanding contributions to education, research, and innovation. Adding to its global achievements, Parul University has been ranked in the 1001–1100 band in the QS World University Rankings: Asia 2026, underscoring its consistent pursuit of global excellence, internationalization, and holistic student development.

Parul University's seven teaching hospitals are NABH-accredited, with Platinum Level Certification for Digital Health Standards, and the Parul Sevashram Hospital attached to its Medical College is NABL-accredited. It is the only university in Gujarat offering healthcare in Ayurveda, Homeopathy, and Allopathy through its affiliated hospitals.

Today, Parul University stands as a globally recognized institution for excellence in self-financed higher education and continues to move forward with the vision of becoming Gujarat's leading private university.

Vision

- To make successful academic quests through entrepreneurship, research, modernization and partnerships, thus making Parul University the finest educational destination.

Mission

- Bridge the gap between academia and career by emphasising development programmes for students and staff.
- Promote healthy relationships among students, alumni, faculty and staff.
- Form associations with national and international universities, and corporate firms.
- Provide state-of-the-art infrastructure complemented by high quality and energized work ethics.

Research Publications:

SDG contributions


Goal 1: No poverty 12 documents


Goal 2: Zero hunger 144 documents


Goal 3: Good health and well-being 1,024 documents


Goal 4: Quality education 52 documents


Goal 5: Gender equality 13 documents


Goal 6: Clean water and sanitation 180 documents


Goal 7: Affordable and clean energy 364 documents


Goal 8: Decent work and economic growth 143 documents


Goal 9: Industry, innovation and infrastructure 439 documents


Goal 10: Reduced inequalities 37 documents


Goal 11: Sustainable cities and communities 133 documents


Goal 12: Responsible consumption and productio 227 documents


Goal 13: Climate action 123 documents


Goal 14: Life below water 33 documents


Goal 15: Life on land 90 documents


Goal 16: Peace, justice and strong institutions 33 documents


Goal 17: Partnership for the goals 94 documents

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1 NO POVERTY





SDG 1: No poverty

Executive Summary

Parul University demonstrates a deep and active commitment to achieving Sustainable Development Goal 1: No Poverty. The university's approach is multi-pronged, focusing on **direct humanitarian aid** to alleviate immediate hardship, **economic empowerment** to foster self-reliance, and **academic research** that informs broader strategies for poverty eradication. Through its dedicated **Sakshamthad Foundation** and various institutes, the university translates its commitment into tangible actions that support the most vulnerable members of the surrounding community.

1. Direct Humanitarian Aid & Community Support

The most visible aspect of the university's work is its direct intervention to meet the basic needs of impoverished and marginalized communities.

- **Donation Camp for Poor and Needy People:**

  In collaboration with the Parul Institute of Business Administration, the Sakshamthad Foundation organized a targeted donation camp in Limda, Vadodara. The camp provided essential items to alleviate immediate hardships.

  - **Items Donated:** Clothing, blankets, and essential household supplies.
  - **Impact:** The initiative was met with an overwhelming and grateful response from local residents, providing direct material support to families in need.

- **Old Clothes Donation Drive - "Pass On Positivity":**

  Organized by Parul Institute of Liberal Arts and the Sakshamthad Foundation, this initiative focuses on the redistribution of resources to ensure that unused items reach those who need them most.

  - **Distribution Channels:** Clothing was distributed directly on streets, in slum areas, orphanages, and old-age homes.
  - **Impact:** This effort ensures that the most vulnerable, including the homeless and institutionalized, receive necessary support, promoting dignity alongside material aid.

2. Economic Empowerment & Fundraising

Recognizing that poverty is not just a lack of goods but also a lack of opportunity, the university engages in initiatives that generate financial resources for social causes and promote economic inclusion.

- **Joy of Giving & PU Charity Auction:**

This is a strategic philanthropic model that converts unused items into financial capital for social good.

- **Process:** The community donates unused items, which are then auctioned.
- **Outcome:** The funds raised are directed towards various social causes and initiatives, creating a sustainable cycle of giving.
- **Key Metric:** The university has successfully organized **03 Charity Auctions**, demonstrating an ongoing institutional commitment.

- **Research on Economic Empowerment:**

  The academic work of the university supports this pillar. For instance, the publication *"Fostering Entrepreneurship and MSME Development through Targeted Interventions..."* directly aligns with national efforts to create livelihoods and lift people out of poverty through self-employment and small business growth.

3. Academic Contributions & Knowledge Creation

The intellectual output of the university provides the research backbone for understanding and combating the multi-dimensional aspects of poverty.

- **Research on Financial Inclusion:**

  Studies such as the *"Financial Inclusion Index and its Determinants among Asian Countries"* are critical for understanding how to provide marginalized communities with access to essential financial services, a key factor in poverty reduction.

- **Research on Health & Poverty:**

  Publications like the study on the *"Prevalence... of Entamoeba histolytica infection among school children..."* highlight the link between poverty and health. Poor health is both a cause and a consequence of poverty, and this research informs public health strategies for vulnerable groups.

- **Focus on Sustainable Development:**

  Book chapters on *"Environment and Sustainable Development"* and research on *"Climate Change Impacts on Legume Physiology..."* acknowledge that environmental sustainability is intrinsically linked to long-term poverty alleviation, especially for agriculture-dependent communities.

- **Leveraging Technology for Social Good:**

  Development of systems like a *"Contactless attendance system"* for healthcare during COVID-19, as documented in a book chapter, shows an innovative approach to solving problems that disproportionately affect the poor.

4. Institutional Framework & Collaboration

The success of these initiatives is underpinned by a strong organizational structure and cross-institutional collaboration.

- **Sakshamthad Foundation:** Serves as the central engine for mobilizing student and staff volunteers, collecting resources, and executing community outreach programs.
- **Cross-Institute Participation:** Initiatives involve the Parul Institute of Business Administration, Parul Institute of Liberal Arts, and others, fostering a university-wide culture of social responsibility.

SDG 1 - NO POVERTY

DONATION CAMP FOR POOR AND NEEDY PEOPLE

In a heartwarming display of compassion and community spirit, the Sakshamthad Foundation and Parul Institute of Business Administration has organized a Donation Camp for the poor and needy people of Limda, Vadodara. The camp featured a wide range of donated items, including clothing, blankets, and essential household supplies, all of which were meticulously collected and organized by the dedicated volunteers from the university's Sakshamthad Foundation. The event saw an overwhelming response from the local residents, who expressed their gratitude for the university's efforts to support their well-being.





JOY OF GIVING & PU CHARITY AUCTION

The Joy of Giving initiative is a philanthropic project undertaken by the Sakshamthad Foundation to provide an opportunity for individuals to donate unused or unwanted items to those in need. The products donated by generous donors were auctioned off to raise funds for the betterment of society. The PU Charity Auction is a fundraising event aimed at supporting various social causes and initiatives. The auction includes donated products such as clothes and other goods that were generously contributed by the university's staff and students.

FACTS & FIGURES

No of Charity Auction Organized:

03







OLD CLOTHS DONATION DRIVE “PASS ON POSITIVITY”

Parul Institute of Liberal Arts in association with Sakshamthad Foundation has undertaken a commendable initiative to provide old clothes to the needy members of the community. Through this effort, the Cell has distributed the donated clothing to various locations, including streets, slum areas, orphanages, and old-age homes, ensuring that those in need receive the necessary support. Multifaceted efforts, combining charitable initiatives and educational programs, demonstrate its unwavering dedication to community welfare and the holistic development of its students. By leveraging the resources and expertise of the Sakshamthad Foundation, the university continues to make a meaningful difference in the lives of those it serves, setting an example for others to follow.





Publication Details

Articles

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2. Satsangi, N.S., Raghuwanshi, S., Hasan, A., ... Kumar, P., Singhal, A. (2025). *Fostering Entrepreneurship and MSME Development through Targeted Interventions: Lessons from India's Experience with MUDRA, Stand-up India, and Startup India.* **International Journal of Economics and Financial Issues.** (Open access)

3. Bhall, R., Berwal, K., Bisla, M., Kumar, J. (2024). *Financial Inclusion Index and its Determinants among Asian Countries.* **Indian Journal of Economics and Development.**

4. Dave, K.P., Kumar, A., Dave, N., ... Yadav, A., Kaushik, P. (2024). *Climate Change Impacts on Legume Physiology and Ecosystem Dynamics: A Multifaceted Perspective.* **Sustainability Switzerland.** (Review, Open access)

5. Prasad, M.E., Thapa, S., Upadhye, V.J., Singh, P. (2024). *Millet: Food of the Himalayas for combating malnutrition in the face of nutritional insecurity.* **Environment Conservation Journal.** (Review, Open access)

6. Prabhakar, A., Kapse, V.M., Patel, G.M., ... Singh, A., Kumar, A.A. (2023). *Emerging Nations' Learning Systems and the COVID-19 Pandemic: An Analysis.* **Georgian Medical News.**

7. Roro, G.B., Eriso, F., Al-Hazimi, A.M., ... Upadhye, V.J., Hajare, S.T. (2022). *Prevalence and associated risk factors of Entamoeba histolytica infection among school children from three primary schools in Arsi Town, West Zone, Ethiopia.* **Journal of Parasitic Diseases.**

Book Chapters

8. Rani, J., Guru, R., Sakthivel, S., Molla, W.T. (2025). *Generative AI Enhancing Financial Decision-Making Processes.* In **Generative AI Insights for Financial Decision Making.**

9. Ditta, H., Thakkar, A., Asmelash, A. (2025). *The Prospects of Traditional Branch Banking in the Era of Digital Dominance.* In **Strategic Workforce Reskilling in Service Marketing.**

10. Sandhwar, V.K., Saxena, S., Joshi, U.A., Yadav, A.R. (2023). *Bio and bio-based hybrid techniques for municipal wastewater treatment and resource recovery.* In **Resource Recovery in Municipal Waste Waters.**

11. Rai, A., Fulekar, M.H. (2023). *Environment and Sustainable Development.* In **Climate Change and Sustainable Development.**

12. Yadav, A.R., Kumar, J., Anumeha, Agrawal, A.K., Kumar, R. (2022). *Contactless attendance system: A health-care approach to prevent spreading of Covid-19.* In **Blockchain for 5G Healthcare Applications Security and Privacy Solutions.**

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2

ZERO HUNGER





SDG 2 - Zero Hunger

Executive Summary

Parul University has demonstrated a profound and multi-faceted commitment to achieving Sustainable Development Goal 2: Zero Hunger. This commitment is realized through a powerful synergy of direct community action, cutting-edge academic research, and technological innovation. The university's approach moves beyond mere food provision to address the root causes of hunger, including sustainable agricultural practices, crop resilience, nutritional security, and the reduction of food waste. This report outlines the key initiatives and achievements across three strategic pillars: **Community Outreach & Direct Support**, **Research & Innovation**, and **Academic Contributions & Knowledge Dissemination**.

1. Community Outreach & Direct Support

The university's most direct impact on hunger is through its targeted community initiatives, which provide immediate relief and support to vulnerable populations.

- **HUNF - Meals on Wheels Project:**
  This flagship initiative is a beacon of care for the elderly community. It provides complimentary, one-time meals tailored to the dietary needs of seniors, delivered directly to their doorsteps. This ensures not only nourishment but also dignity and comfort.
    - **Key Achievements (as per document):**
        - **40** Beneficiaries Served
        - **28,004** Tiffins Delivered
        - **12** Health Camps Organized for holistic elderly wellness.
- **Nutritional and Health Awareness:**
  The document indicates research and studies focused on malnutrition among children and tribal communities, suggesting a foundational understanding that informs public health outreach and policy recommendations to combat hunger at a systemic level.

2. Research & Innovation for Sustainable Food Systems

Parul University's research output is a significant driver of its contribution to SDG 2. Faculty and student research, as evidenced by the extensive publication list, focuses on creating resilient, productive, and sustainable agricultural systems.

- **Sustainable Crop Production & Protection:**

    - **Weed & Pest Management:** Development of bioherbicides (e.g., from actinobacteria for Parthenium control) and integrated pest management (IPM) modules for rice crops.
    - **Disease Resistance:** Exploration of blast resistance in finger millet and biocontrol agents against fungal pathogens (e.g., using *Streptomyces* sp.).
    - **Nanotechnology:** Extensive work on biogenic nanoparticles and nano-biosensors for managing salinity stress, improving plant nutrition, and detecting diseases.
- **Climate Resilience & Stress Tolerance:**
    - Multiple studies and book chapters are dedicated to developing crops resistant to drought, salinity, and cold stress using molecular breeding, genomics (CRISPR), and nanopriming techniques.
    - Research on Plant Growth-Promoting Rhizobacteria (PGPR) to help plants like peas and maize withstand osmotic and salinity stress.
- **Soil Health & Environmental Sustainability:**
    - Investigations into soil organic carbon sequestration, the impact of microplastics on soil, and the use of biochar for soil remediation.
    - Assessment of ecological risks in wastewater-irrigated agroecosystems to ensure food safety.
- **Reduction of Food Loss & Valorization of Waste:**
    - Research on post-harvest packaging technologies to preserve fresh produce.
    - Utilization of agricultural by-products, such as converting *Sterculia foetida* seed oil into biodiesel and investigating the antidiarrheal potential of litchi seeds.

3. Technological Innovation & Digital Agriculture

The university is at the forefront of integrating modern technology into agriculture to enhance efficiency and productivity.

- **Precision Agriculture:**
    - Development and use of **IoT-based sensor networks** for monitoring soil moisture, nutrient levels, and plant health.
    - **AI and Machine Learning** models for predicting crop yields, classifying crop diseases (in sugarcane, wheat, papaya, tomato, maize, cotton), and optimizing irrigation.
    - Use of **UAVs (Drones)** and **edge computing** for autonomous precision farming, mapping, and monitoring.

- **Data-Driven Solutions:**
    - Projects involving deep learning (Xception, Vision Transformers, CNN) for accurate disease detection.
    - Use of data mining and AI to classify anemia and predict groundwater sustainability for irrigation.

4. Academic Contributions & Knowledge Dissemination

The intellectual output of the university forms the backbone of its impact, educating future leaders and sharing knowledge globally.

- **Scholarly Publications:** A prolific output of over 100+ articles, reviews, and conference papers in high-impact national and international journals in 2024-2025 alone, directly addressing the challenges of SDG 2.
- **Book Chapters & Books:** Significant contributions to academic literature through chapters on topics like *Sustainable Agriculture Nanotechnology*, *Climate Change and Sustainable Development*, and *Plant Stress Tolerance*, providing comprehensive resources for students and professionals.
- **Conference Participation:** Active presentation of research findings at international conferences, showcasing innovations in agricultural technology and sustainable practices.

SDG 2 - ZERO HUNGER

HUNF - MEALS ON WHEELS

The HUNF - Meals on Wheels project stands as a beacon of care and support for our elderly community members. Our initiative is designed to prioritize the holistic well-being of seniors by offering them a complimentary, one-time meal delivered directly to their doorsteps. These meals are meticulously tailored to accommodate their dietary preferences and requirements, ensuring not only nourishment but also comfort and satisfaction. In addition to providing nutritious meals, we go a step further in our commitment to the health and wellness of the elderly. Through the organization of numerous health checkup camps exclusively for seniors, we aim to address any medical concerns they may have. These camps serve as invaluable opportunities for seniors to receive essential medical attention, screenings, and guidance, thus empowering them to proactively manage their health and overall quality of life.

FACTS & FIGURES

No. of Beneficiaries	Total Tiffins Served	Total Health Camps Organized
40	28004	12







Publication Details

Review • *Open access*

Biogenic nanoparticles for managing salinity stress-related crop and environmental risks: realistic applications and challenges

Singh, A., Agrawal, S., Rajput, V.D., ...Papadakis, M.N., Ghazaryan, K.A.
Discover Sustainability, 2025

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Comprehensive study of various machine learning models for plant disease detection: Analysis of deep models on tomato plant

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3

GOOD HEALTH AND WELL BEING



Good Health and Well-being

1. Introduction:

Parul University stands as a unique and powerful advocate for Sustainable Development Goal 3 (SDG 3): Good Health and Well-being in India. Its integrated ecosystem, which hosts Modern Medicine, Ayurveda, Homoeopathy, Physiotherapy, Nursing, and Pharmacy on a single campus, provides a foundational model for holistic healthcare. The university's commitment extends far beyond academic instruction, embracing a multi-faceted strategy that synergizes education, research, clinical practice, extensive community health outreach, specialized women's health services, and the promotion of sports and physical activity for all ages. Through strategic collaborations with local, national, and international institutions, Parul University enhances healthcare delivery, medical innovation, and directly improves public health outcomes, ensuring a lasting impact on the well-being of society.

2. Key Areas of Contribution

2.1. Academic Excellence and Clinical Training: The university's foundation in health sciences is strengthened by partnerships that provide real-world experience and specialized skill development. Student Internships and Placements: Collaborations with a network of hospitals and healthcare centres, including the university's own 850-bed, NABH/NABL-accredited Parul Sevashram Hospital, provide indispensable hands-on clinical training for students across all medical disciplines. Skill Development Programs: Partnerships with specialized institutions like Dr. Batra's Positive Health Clinic and Atnex Sports and Performance Studio offer certificate courses and advanced training in niche areas such as homoeopathic cosmetology and sports physiotherapy. Faculty and Staff Exchange: International MOUs with universities like the University of Bristol (UK) and Bern University of Applied Sciences (Switzerland) facilitate global knowledge transfer, curriculum development, and capacity building.

2.2. Collaborative Research and Innovation: Parul University is at the forefront of medical research, driven by strategic alliances with leading bodies. Joint Research Projects: Partnerships with premier institutions like IIT Guwahati, IIT Madras, and the Central Council for Research in Homoeopathy (CCRH) focus on groundbreaking clinical trials, pharmaceutical drug development, and public health studies.

Research Publications and Patents: MoUs with RIPER and Callidus Research Laboratories emphasize co-authored publications, intellectual property sharing, and a robust research culture.

Innovation in Healthcare: Collaborations with industry giants like Sun Pharmaceuticals and Intas Pharmaceuticals support cutting-edge research in innovative drug therapies and extensive clinical trials.

2.3. Public Health and Community Outreach: A Core Mission The university's most visible contribution to SDG 3 is its deep and sustained engagement with the community.

Widespread Health Camps: Throughout the 2023-24 academic year, the Faculty of Modern Medicine alone conducted over 80 Multi-Disciplinary Health Check-Up Camps. Similarly, the Ayurveda faculty organized numerous General Health Checkups and Screening Camps, bringing affordable healthcare to doorsteps.

Specialized Awareness Programs: Faculties regularly conduct targeted programs on critical health issues, including Mental Health Awareness in schools, Arthritis Awareness camps by Physiotherapy, and World Hypertension Day initiatives by Homoeopathy.

Corporate and Maternal Health: Collaborations with corporations like Apollo Tyres and L&T Construction focus on employee wellness, while ties with Motherhood Women's and Childcare Hospital enhance services for maternal and child health.

2.4. Specialized Sexual, Reproductive, and Women's Health Services: A standout feature of Parul University's healthcare ecosystem is its comprehensive, dual-system approach to women's health, provided through both the modern medicine and Ayurvedic faculties.

High-Volume Clinical Services: The Department of Prasuti Tantra and Stree Roga (Ayurveda) provides holistic care, serving over 6,444 patients monthly through its OPD and IPD services. The Department of Obstetrics & Gynaecology at Parul Sevashram Hospital (Modern Medicine), staffed by 25 doctors, handles nearly 3,990 OPD patients, 486 IPD patients, 239 deliveries, and 219 surgeries per month.

Targeted Awareness and Screening Campaigns: PCOS Awareness Month: A month-long campaign featuring guest lectures, 11 awareness talks across campus, and a digital poster competition to educate young women. Cervical Cancer Awareness Month: Outreach to local villages and the university community, promoting early diagnosis via Pap smear tests, benefiting over 100 women workers on campus.

Adolescent Health: Health check-ups for 90 adolescent girls at Limda Secondary School, identifying and creating treatment plans for 15 girls with issues like amenorrhea and dysmenorrhea.

Comprehensive Service Range: Services span from routine screenings, family planning, and STI management to advanced laparoscopic and hysteroscopic surgeries, fertility treatments, high-risk pregnancy care, urogynaecology, onco-gynaecology, and dedicated mental health counselling.

2.5. Promoting Sports and Physical Activity: All the Department of Physical Education & Sports operationalizes SDG 3 by making world-class sports infrastructure a public good, partnerships (SDG 17) with bodies like the Sports Authority of Gujarat and the Association of Indian Universities. World-Class Infrastructure: Facilities like the Milkha-Messi Sports Complex, international cricket grounds, and the Dhyanchand Complex are shared with the community.

Hosting Premier Events: The university hosts state and national-level competitions in Football, Cricket, Basketball, Athletics, and more, providing platforms for athletes and encouraging a culture of sports.

Diverse Disciplines: Community access is provided to a wide range of activities, including Yoga, Chess, Kabaddi, Kho-Kho, and Tug of War, promoting holistic physical and mental well-being.

2.6. Grassroots Health & Sports: The Bal Milan Program A flagship initiative by the Social Responsive Cell (SRC) / Sakshamthad Foundation, in partnership with the NSS, exemplifies commitment to SDGs 3, 4, and 5.

Scale and Impact: The "Bal Milan" program brought together over 700 children from 25 rural schools for sports and cultural competitions on campus. Inclusive Participation: The program ensured equal participation of boys and girls in events like running races, lemon-and-spoon, and musical chairs, health, teamwork, and gender equality from a young age.

Community Recognition: Appreciation letters from participating schools highlight the program's excellent organization, positive impact on children, and the university's role as a community pillar.

2.7. Health Outreach in local villages: The SRC's work extends beyond events to sustained development. Scale of Operation: The university has adopted 42 villages, with the foundation actively working in 42 villages of Waghodiya taluka.

Holistic Development: The focus extends beyond health to include education, gender equality, and environmental preservation, ensuring sustainable community well-being.

2.8. Global Health and Knowledge Exchange

International partnerships ensure Parul University contributes to the global health dialogue.

International Programs: Universities like FHM Germany and Metropolia University of Applied Sciences, Finland, host summer schools and student exchanges.

Cross-Cultural Research: Partnerships with the University of Nebraska Omaha (USA) and Canterbury Christ Church University (UK) enable joint seminars and collaborative global health research.

Multi-Disciplinary Health Camps by Modern Medicine








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Parul Sevashram Hospital and the Faculty of Medicine conducted health camps across the region, providing essential medical services to underserved communities.

Specialized Women's Health Services







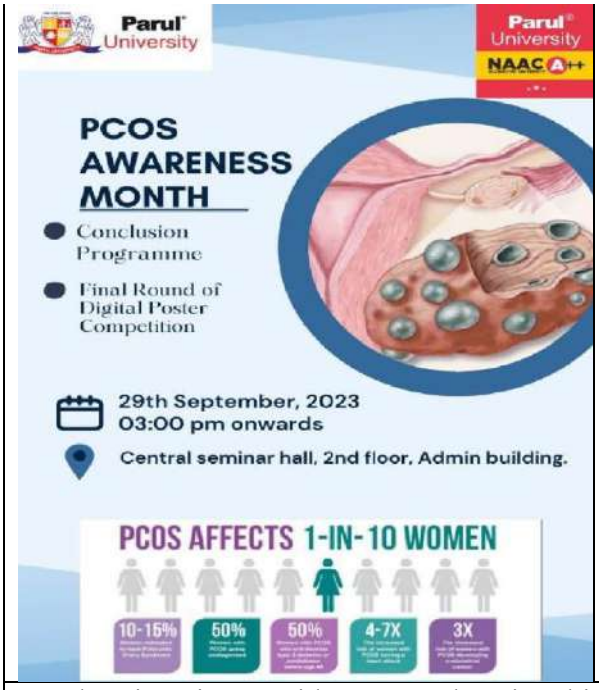







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Parul University
NAAC A++
WORLD PCOS DAY- 1ST SEPTEMBER, 2023
Inaugration of
PCOS AWARENESS MONTH
Organised by : Department of Prasuti Tantra evum Stree Roga, Parul Institute of Ayurved
SPEAKER
Dr. Rita Parikh
MS OBGY
Visiting Consultant ,PAH
Topic: Pathophysiology of PCOS
SPEAKER
Dr. Mansi Modi
MS (Ayu.) PTSR
Senior medical officer
Govt. Ayurveda college, Vadodara
Topic: Victory on PCOS Through Ancient Ayurved Science
PATRONS
Dr. Kamal Patel
Director - Medical & Paramedical Managing Trustee, Parul University
Dr. Hemant Toshikhane
DEAN, Faculty of Ayurved
DATE
1 SEPTEMBER,2023
VENUE
PIA SEMINAR HALL
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Parul University provides comprehensive, high-volume sexual and reproductive healthcare, serving thousands of patients monthly and running targeted awareness campaigns on critical women's health issues.

Sports Excellence and Community Access
















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The Department of Physical Education & Sports opens its world-class infrastructure to the public, hosting state and national events to promote fitness for all.

Bal Milan - Nurturing Young Minds and Bodies















The SRC's Bal Milan program brought together 700+ children from 25 schools, promoting health, quality education, and gender equality through sports and cultural activities.

Collaborative & Multidisciplinary Efforts





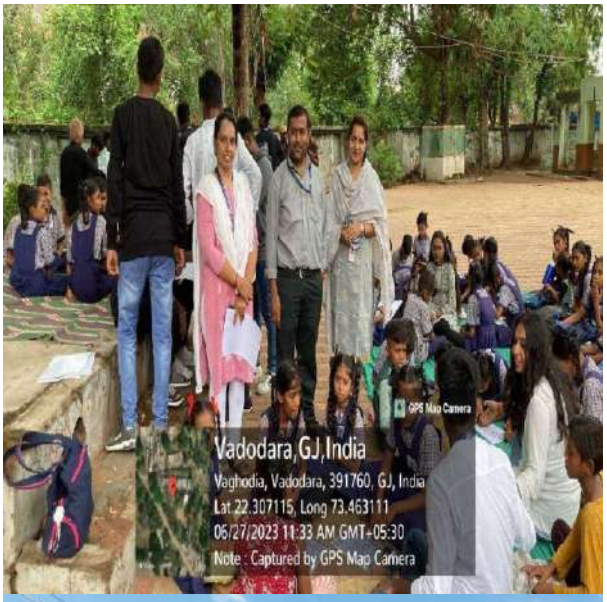









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GPS Map Camera
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VADODARA
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Parul University's commitment to health is a university-wide endeavor, with diverse disciplines contributing their unique expertise to community wellness.

Grassroots Impact in Villages









Through the Sakshamthad Foundation, Parul University works tirelessly in 42 villages to create sustainable change and improve health outcomes at the grassroots level.

Research Details:

Goal 3: Good health and well-being

Article

γ-Sitosterol fromCapparis zeylanica L. Flowers: Molecular mechanisms of oxidative stress modulation and targeting key proteins and pathways via network pharmacology and experimental validation

Patel, M.B., Mohammed, A.E., Surti, M., ...Fatima, S.B., Adnan, M.
Journal of Molecular Structure, 2026

Article

Sustainable synthesis and functional profiling of Ipomoea hederifolia-derived terpenoids-assisted silver nanoparticles: Mechanistic insights into anticancer, antioxidant, antibiofilm, and anti-quorum sensing activities

Makwana, K., Binsuwaidan, R., Adnan, M., Alshammari, N.I., Patel, M.B.
Biophysical Chemistry, 2026

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Advances in prognostic and predictive biomarkers for breast cancer: Integrating multigene assays, hormone receptors, and emerging circulating biomarkers

Mondal, S., Preetam, S., Deshwal, R.K., ...Chakravarty, Y., Malik, S.M.
Clinica Chimica Acta, 2026

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Piperazinyl-N-aryl acetamides and 1,3,4-thiadiazole Hybrids as Potential DprE1 Inhibitors: Design, Synthesis and Biological Evaluation as antitubercular agents

Patel, P., Shah, M., Khona, P., ...Patel, S., Nagani, A.
Journal of Molecular Structure, 2025

Review

Therapeutical potential of natural products in treatment of pancreatic cancer: a review

Sahu, S.K., Parbhakar, P.K., Vyas, M.
Molecular Biology Reports, 2025

Article • *Open access*

A novel RP-HPLC approach for simultaneous determination of dapagliflozin, linagliptin, and metformin in pharmaceutical formulations

Shah, S., Kotadiya, R.M.
BMC Chemistry, 2025

Review

Survival Analysis in Cancer Research: A Bibliometric Study (2005–2024)

Kshtriya, P., Prajapati, A., Chakraborty, M., Ganguly, P.S.
SN Comprehensive Clinical Medicine, 2025

Review • *Open access*

Progenitor cells, microglia, and non-coding RNAs: Orchestrators of glioblastoma pathogenesis and therapeutic resistance

Husain, A., Ahmad, F., Pandey, S., ...Park, M., Kim, B.
Non Coding RNA Research, 2025

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Pyrazolopyridine pyrimidone hybrids as potential DprE1 inhibitors, design, synthesis and biological evaluation as antitubercular agents

Shah, M., Patel, I., Khona, P., ...Yadav, M.R., Nagani, A.
Scientific Reports, 2025

Review • *Open access*

A review on the environmental fate, toxicological risks, and cutting-edge degradation methods of microplastics contamination

Kumar, P.S., Lata, K., Gacem, A., ...Yadav, K.K., Choudhary, S.
Environmental Sciences Europe, 2025

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Exploring the synergetic role of cuproptosis and ferroptosis and their implication in advancing cancer therapeutics

Chauhan, P., Pandey, P., Singh, A.K., ...Upadhye, V.J., Khan, F.S.
Discover Oncology, 2025

Article • *Open access*

Calcium alginate medicated dressing for enhanced absorption in diabetic foot ulcer management

Puri, G.K., Jania, R.K., Upadhye, V.J., ...Alsaidan, O.A., Hajare, S.T.
Scientific Reports, 2025

Article

Long term outcomes of laparoscopic transabdominal Retro-Rectus Onlay Mesh (RROM) repair for ventral abdominal wall hernias

Jani, K.V., Iyengar, M., Shah, M.N.
Hernia, 2025

Review • *Open access*

Mushroom-derived bioactive compounds pharmacological properties and cancer targeting: a holistic assessment

Zade, S., Upadhyay, T.K., Rab, S.O., ...Alabdallah, N.M., Saeed, M.A.
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Chitosan polyplexes for targeted gene delivery: From mechanisms to clinical applications

Joshi, R., Paliwal, T., Sharma, S.K., Kapoor, D.U., Prajapati, B.G.
Carbohydrate Polymers, 2025

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Catalytic degradation of methyl orange and biomedical efficacy of sustainable silver nanoparticles from Boerhaavia diffusa leaf extract

Sudhakar, C., Selvam, K., Selvankumar, T., ...Albakri, G.S., Yadav, K.K.
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Advances in cancer therapy using fluorinated chitosan: a promising nanoplatform for drug delivery

Kapoor, D.U., Pareek, A., Patel, S., ...Alsaidan, O.A., Prajapati, B.G.
Medical Oncology, 2025

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Dinga dinga fever: a new emerging disease or a modern-day dancing plague?

Patel, M.B., Surti, M.
Diagnostic Microbiology and Infectious Disease, 2025

Article

Computational fluid dynamics analysis of combustion characteristics in a direct-injection engine with varying swirl ratios and hydrogen addition

Gupta, R.M., Vashi, O.
Engineering Research Express, 2025

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pH-Sensitive hydrogels for breast cancer therapy: Targeted drug delivery and controlled release approaches

Pareek, A., Bhatt, B., Parmar, V., ...Kapoor, D.U., Prajapati, B.G.
International Journal of Pharmaceutics, 2025

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Polymeric Nanoparticle-Based Drug Delivery System for Targeted Lung Cancer Therapy

Yadav, S.C., Patel, A.S., Ahlawat, P., Panjwani, D., Patel, S.
Chemistryselect, 2025

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Protective effects of polyphenolic-enriched Pleurospermum candollei extract against doxorubicin-induced cardiovascular disease in rats: modulation of oxidative stress, inflammation, and apoptosis

Fatima, M., Khan, M.R., Al-Keridis, L.A., ...Patel, M.B., Adnan, M.
Journal of Pharmacy and Pharmacology, 2025

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Developing a high-quality patient-centric integrated model for emergency care system in selected districts of India: An implementation research protocol (INDIA-EMS Study)

Ayyan, M., Singh, A.K., Patadia, H., ...Mishra, S.K., Kumar, V.U.
Plos One, 2025

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Recent advances in ZnO based photocatalysts for industrial dye degradation

Aina, A.R.N., Patel, H., Aich, S., ...Samanta, N.S., Pal, B.
Discover Applied Sciences, 2025

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Species identification of lactose non-fermenting isolates from ventilator-associated pneumonia using VITEK 2 and matrix-assisted laser desorption ionization time-of-flight mass spectrometry: A comparative study with next-generation sequencing

Shaikh, A.M.H., Marathe, A.P., Prajapati, B.T., Sangani, S.
Journal of Applied Biology and Biotechnology, 2025

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Impact of gastrointestinal dysbiosis on tryptophan metabolism and neurological cancer progression

Kiran, N.S., Yashaswini, C., Chatterjee, A., Prajapati, B.G.
Medical Oncology, 2025

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Development and characterization of Fe2O3 nanoparticles coated with chitosan and folic acid for biomedical applications

Kushwaha, R.K., Shah, U.N., Sandhwar, V.K., ...AlGhamdi, A.A.A., Tadepalli, S.
Journal of the Indian Chemical Society, 2025

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VO2-operated stub and rectangular cavity-based plasmonic refractive index sensor for biomolecules detection

Chauhan, D., Sbeah, Z.A., Sorathiya, V.P., Dwivedi, R.P.
Physica E Low Dimensional Systems and Nanostructures, 2025

Article

Ultra-sensitive MDM plasmonic sensor for refractive index, CO2 concentration, biomolecule, and temperature detection

Chauhan, D., Dwivedi, R.P., Sbeah, Z.A., Sorathiya, V.P., Chang, S.H.
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Redefining Risk, Biomarkers, and Precision Therapy for Hereditary Ovarian Cancer: A Review

Jha, A.N., Gaikwad, V.R., Gupta, A.K., ...Dodiya, R., Singh, S.K.
ACS Omega, 2025

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Used oil disposal

Pal, B.
Lubricant Technology Fundamentals and Applications, 2025

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Roadmap for Commercial Nanomedicine Development: Integrating Quality by Design Principles with Pharmaceutical Nanotechnology

Maheshwari, R., Kapoor, D.U., Polaka, S., Bhattacharya, S., Prajapati, B.G.
Molecular Pharmaceutics, 2025

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Design, Synthesis, Computational Studies and Evaluation of Novel Hybrid Bipyrimidine Analogues for Anticancer Activity against MCF-7 and A549 Cell Lines

Patel, P.H., Yadav, M.R., Sheth, C., Shah, U.H., Mali, S.N.
Journal of Computational Biophysics and Chemistry, 2025

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A comprehensive update on cannabidiol, its formulations and drug delivery systems

Banerjee, S., Saharan, V.A., Banerjee, D., ...Pooja, D., Singh, A.
Phytochemistry Reviews, 2025

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Bioactive Compounds, Antioxidant, and Antibacterial Activity Against MDR and Food-Borne Pathogenic Bacteria of Psidium guajava. L Fruit During Ripening

Bano, A., Gupta, A., Rai, S., ...Iriti, M., Saeed, M.A.
Molecular Biotechnology, 2025

Article • *Open access*

Methanol Extract of Camellia sinensis L. Prevents In Vitro Glucose-induced Cataract on Isolated Goat Eye Lens

Gohil, D., Kalaria, K., Bagadia, R.V., ...Vaghela, U.P., Maheshwari, R.A.
Journal of Natural Remedies, 2025

Article • *Open access*

Therapeutic Potential of Ipomoea reniformis: Pharmacological Applications and Major Bioactive Constituents

Bhatt, M., Patel, D.
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A Review on Anti-diabetic Activity of Various Herbs

Rai, R., Khristi, A.P.
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Article • *Open access*

Strid-CNN: moving filters with convolution neural network for multi-class pneumonia classification

Trivedi, K., Thacker, C.B.
Iaes International Journal of Artificial Intelligence, 2025

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EVALUATION OF PHOSPHATE LEVELS AND MANAGEMENT STRATEGIES IN CHRONIC KIDNEY DISEASE-MINERAL AND BONE DISORDER PATIENTS IN A TERTIARY CARE HOSPITAL

Srinivas Nayak, S.P., Vaghasiya, J.D.
Asian Journal of Pharmaceutical and Clinical Research, 2025

Article • *Open access*

A Novel Approach to the Ageing Process of Metal Oxide Surge Arresters

Khopkar, A.S., Pandya, K.S.
Engineering Technology and Applied Science Research, 2025

Article

Bacterial lead vermicomposting as a sustainable strategy for remediating lead contamination in soil: a synergistic approach integrating bioremediation and nano-bioremediation

Naik, K., Bharadava, K., Suthar, H.G., Kaushal, R.S.
Biodegradation, 2025

Article

Spatial distribution of potentially toxic elements and ecological-health risks in a wastewater-irrigated peri-urban agroecosystem: a multi-matrix assessment from Muzaffargarh, Pakistan

Abbas, M.T., Uddin, J., Ullah, I., ...Musharraf, S.G., Kumar, P.S.
Environmental Geochemistry and Health, 2025

Review

Superparamagnetic iron oxide nanoparticles (SPIONs) in targeting brain tumors: advances and challenges

Maheshwari, S., Singh, A., Verma, A.K., ...Alsaidan, O.A., Prajapati, B.G.
Medical Oncology, 2025

Article

A Trimodal 2D Metasurface Biosensor with Bayesian Regression for Ultra-Sensitive Cancer Biomarker Detection

Aggarwal, K., Wekalao, J., Rajakannu, A.
Plasmonics, 2025

Article • *Open access*

Glycyrrhizic Acid-Based Self-Targeted Nanomicelles for the Delivery of Gefitinib to PKCα Receptor Overexpressing Cancer Cells

Kumari, S., Jadav, M., Jodha, B., ...Pooja, D., Kulhari, H.
Particle and Particle Systems Characterization, 2025

Article • *Open access*

Enhanced cardiovascular diagnostics using wearable ECG and bioimpedance monitoring with LightGBM classifier

Jain, P., Gupta, R., Joshi, A.Y., Kuzmin, A.V.
Biosensors and Bioelectronics X, 2025

Article

Effects of Asiatic acid on brain cancer by altering astrocytes and the AKT1-PRKCB signaling pathway: A genomic and network pharmacology perspective

Singh, A.K., Kumar Pathak, A., Kumar, P., ...Kumar Mishra, S., Tiwari, K.N.
Brain Research, 2025

Erratum

Corrigendum to “Advanced therapeutic strategies using thermo-sensitive chitosan/pectin hydrogel in the treatment of multiple cancers” [Carbohydr. Polym. Volume 357 (2025), article number 123454] (Carbohydrate Polymers (2025) 357, (S0144861725002358), (10.1016/j.carbpol.2025.123454))

Pandya, T.S., Joshi, D., Presswala, Z., ...Bhattacharya, S., Prajapati, B.G.
Carbohydrate Polymers, 2025

Article

Effect of Quantity of Plant Extract on Physicochemical Properties and Biomedical Applications of Phytoconstituent-Coated ZnONPs

Samanta, K.K., Mamgain, H.P., Kumar, M., ...Manna, S., Pandey, J.K.
Nano, 2025

Article • *Open access*

Sesamum indicum L. Seed Methanol Extract Inhibits Glucose-induced Cataract on Isolated Goat Eye Lens

Vaghela, U.P., Bhalodiya, A., Mahajan, H., ...Prajapati, R., Gohil, D.
Journal of Natural Remedies, 2025

Article

Targeted modulation of MMP9 and GRP78 via molecular interaction and in silico profiling of Curcuma caesia rhizome metabolites: A computational drug discovery approach for cancer therapy

Desai, M., Bhattacharya, S., Mehta, S., ...Viehmannová, I., Fernández-Cusimamani, E.
Plos One, 2025

Article

Developing Fucose Grafted Dendrimers as a Biocompatible and Targeted System for the Delivery of Sinapic Acid

Rai, D.B., Solanki, R., Jagrawat, A., ...Pooja, D., Kulhari, H.
Polymers for Advanced Technologies, 2025

Article • *Open access*

Sexual Fantasies and Their Role in Sexual Satisfaction and Quality of Life Among Men with Sexual Dysfunction

Dubey, A., Ohri, N., Rathi, P., Vankar, G.K.
Journal of Psychosexual Health, 2025

Article

Access to Healthcare Among Tribal Population in India: A Cross-Sectional Household Survey

Sharma, Y., Sridevi, P., Bhat, D., ...Ranjit, M.R., Babu, B.V.
International Journal of Health Planning and Management, 2025

Article • *Open access*

Comparative Analysis of In-Situ Left Internal Mammary Artery and Saphenous Vein Composite Grafts for Left Anterior Descending Artery Revascularization: A Propensity-Matched Study

Parth Bharat Solanki, M.S., Nivedita Vadodaria, M.D., Smit Bharat Solanki, M.S., Hitendra Kanzaria, M.D.
Ukrainskyi Zhurnal Sertsevo Sudynnoi Khirurhii, 2025

Book Chapter

Fructose 1,6-bisphosphatase: Role, mechanism and therapeutic potential

Janve, Y., Kakadiya, J.L., Kaur, K.
Receptor Targeted Therapies in Diabetes Mellitus from Pathophysiology to Innovative Treatments, 2025

Book Chapter

Apoptosis Defects in Cancer and its Therapeutic Implications

Bora, J., Banerjee, S., Barman, I., ...Mishra, R.K., Malik, S.M.
Promising Cancer Therapeutic Drug Targets Recent Advancements, 2025

Conference Paper • *Open access*

Beyond Traditional Prenatal Monitoring: An Intelligent IoT-Based Pre-eclampsia Detection

Shaikh, M.S., Jha, A.K., Singh, Y., ...Seal, A., Pandwal, A.
EPJ Web of Conferences, 2025

Review

Advanced therapeutic strategies using Thermo-sensitive chitosan/pectin hydrogel in the treatment of multiple cancers

Pandya, T.S., Joshi, D., Presswala, Z., ...Bhattacharya, S., Prajapati, B.G.
Carbohydrate Polymers, 2025

Article

Unraveling High Altitude-Induced Thromboembolic Disorders: Polycythemia or Complex Mechanisms?

Kansara, N.K., Timothy, A., Unnithan, R.R., Chatterjee, M.
High Altitude Medicine and Biology, 2025

Article

Silver Nanoparticles Derived from Probiotic Lactobacillus casei—a Novel Approach for Combating Bacterial Infections and Cancer

Siddiqui, A.J., Patel, M.B., Jahan, S., ...Badraoui, R., Adnan, M.
Probiotics and Antimicrobial Proteins, 2025

Article

Serum fibrinogen & total cholesterol: A significant primary biomarker and its interrelationship in stroke

Rana, K., Chavda, T., Chavda, S., ...Vahora, S., Bhattacharya, A.
Caspian Journal of Internal Medicine, 2025

Article • *Open access*

Effect of Jaloukavcharan in Abhishyanda W.S.R. allergic conjunctivitis

Chandran, C., Keskar, M.P., Dev, A.G., Krishnan, U.
Indian Journal of Traditional Knowledge, 2025

Review • *Open access*

Exploring the Interplay Between Kidney Dysfunction and Cardiovascular Disease

Yadav, R.K., Abubakar, A.K., Mishra, R.K., ...Singh, D.P., Kumar, S.
Medical Sciences, 2025

Article

Analysis of rheological parameter variations in uterine arteries before and after cryptic pregnancy

Basu, B., Khambhati, D., Kumar, J., Singh, N.K., Deshmukh, K.
Physics of Fluids, 2025

Article

Association of Microbiome in Oral Cancer Patients and Healthy Individuals: A Metagenomic Study

Savalia, H.J., Patel, N.D., Singh, K.M., ...Joshi, C.G., Patel, R.
Journal of Pure and Applied Microbiology, 2025

Review • *Open access*

Antiprotozoal agents – Integration of drug discovery, medicinal chemistry, and advanced computational approaches: An in-depth review

Kaushik, A., Makarani, N., Bharadava, K., ...Govil, S., Kaushal, R.S.
Microbe Netherlands, 2025

Article

Primary healthcare utilization patterns among sickle cell disease patients in tribal India: A multi-centric study

Surti, S.B., Patel, S., Sharma, Y., ...Bal, M.S., Babu, B.V.
Journal of the National Medical Association, 2025

Article

IoT-based optical sensor network for precision agriculture

Sharma, A.K., Srivastava, D., Krishnamoorthy, R., ...Jhansirani, P., Barve, A.
Sustainable Computing Informatics and Systems, 2025

Article

Targeting pathogenic microbes and cervical cancer with curcumin-loaded titanium dioxide nanoparticles

Joshi, U.A., Goyal, U., Menon, S.V., ...Almoallim, H.S.M., Alahmadi, T.A.
Journal of Drug Delivery Science and Technology, 2025

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Privacy-Preserving Deep Learning Models For Alcoholism Diagnosis Through EEG Data Analysis Using Differential Privacy Mechanisms

Varalatchoumy, M., Srinivasa Reddy, A., Sagar Imambi, S., ...Dhivya, S., Karupusamy, M.
International Journal of Basic and Applied Sciences, 2025

Book

The role of reactive oxygen species in human health and disease

Parbhakar, P.K.
Role of Reactive Oxygen Species in Human Health and Disease, 2025

Article • *Open access*

Effectiveness of pulmonary rehabilitation on functional exercise capacity & health related quality of life (HRQOL) among individuals with post tuberculosis lung disease: A multicentric pre & post-interventional study

Sinha, S.K., Titiyal, R., Mounika, P., ...Patel, G.M., Pandey, S.
Indian Journal of Medical Research, 2025

Article • *Open access*

Therapeutic Efficacy of an Herbal Dry Powder Inhaler in Alleviating Ovalbumin-induced Lung Inflammation and Restoring Hemostatic Balance in a Rat Asthma Model

Khristi, A.P., Navale, A.M., Yadav, R., Jha, L.L., Dharamsi, A.T.
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Article • *Open access*

Awareness, Attitudes, and Practices of the Exercise Buddy System Among Overweight and Obese Individuals in India: A Cross-Sectional Study

Patel, K., Gadhavi, B., Bhatt, G., Mehendale, P.
National Journal of Community Medicine, 2025

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ASSESSMENT OF PREVALENCE OF BREAST CANCER IN PATIENTS WITH OBESITY AND EVALUATING BENEFITS OF STATIN THERAPY IN BREAST CANCER TREATMENT

Lokhandwala, Z., Khan, F., Nayak, S.S., Chakraborthy, G.
Asian Journal of Pharmaceutical and Clinical Research, 2025

Article

Fabrication of Kaempferol Loaded Zein Nanoparticles: Investigation of in Vitro Cytotoxicity and Apoptosis Induction in Oral Cancer Cells

Roopashree, R.H., Gupta, A., Rathore, M.S., ...Thangavelu, I., Suriyaprakash, J.
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Conclusion:

Parul University's integrated and multi-faceted approach embodies a powerful and actionable commitment to SDG 3. By seamlessly weaving together advanced education, innovative research, strategic partnerships, deep-rooted community health service, specialized and accessible women's healthcare, and the proactive promotion of sports and physical activity, the university has created a replicable model for promoting holistic well-being. The extensive network of health camps, the high-volume, compassionate reproductive health services, the opening of world-class sports facilities to the public, and the transformative impact of initiatives like Bal Milan on young children demonstrate a clear and measurable impact. Parul University does not just educate health and sports professionals; it actively shapes a healthier, more active, more equitable, and resilient society, firmly establishing itself as a leader in the pursuit of "Good Health and Well-being for all.

Parul® University | NAAC GRADE A++



4

QUALITY EDUCATION



SDG 4: Quality Education

Preface:

Education is the cornerstone of sustainable and inclusive development, and at Parul University, this belief forms the foundation of our commitment to SDG-4: Quality Education. The University envisions education as a transformative force—one that transcends classrooms and connects knowledge with real-world impact. Guided by the principles of accessibility, equity, and lifelong learning, we strive to build an academic ecosystem that empowers individuals to learn, innovate, and contribute to global progress.

This Annual Report encapsulates our comprehensive efforts toward advancing quality education and inclusive learning opportunities. From open-access online courses, executive and vocational training, and educational outreach in rural communities to globally collaborative learning through initiatives such as YEEP 2024, Parul University continues to redefine education beyond boundaries. The year 2023-24 also witnessed remarkable academic contributions, with 52 research papers related to SDG-4 published by our faculty across national and international journals—reinforcing our role as a thought leader in advancing educational innovation and policy.

Executive Summary:

Through the synergy of policy, practice, and research, Parul University remains steadfast in its mission to promote equitable access to education and lifelong learning opportunities for all, thus contributing meaningfully to India's educational transformation and the global Sustainable Development Agenda. The University's **Lifelong Learning Access Policy**, publicly available on www.paruluniversity.ac.in, anchors this vision—promoting free access to educational resources, open courses, public events, and vocational training for all learners, regardless of age or background.

Key highlights of 2023-24 include:

- **Public Access to Learning:** Free online certificate courses on SWAYAM, Coursera, and the University LMS; open library memberships; and access to advanced facilities such as FabLab and the Micro-Nano R&D Centre.
- **Community Engagement:** Educational events, vocational training, and executive programs open to the general public; initiatives like *Gyan Dhara* Mobile Library and *Creative Learning Studio* connecting schools and rural communities with quality education.
- **Entrepreneurship and Innovation:** PIERC functioning as a state-recognized Nodal Institution, offering mentorship and incubation to innovators beyond campus.
- **Global Outreach:** International collaborations through programs like **YEEP-2024**, enabling cross-cultural entrepreneurial education.
- **Research Excellence:** Publication of **52 research papers** addressing SDG-4 themes, advancing global educational discourse.

Together, these efforts transform Parul University into a **public educational resource**, advancing the ideals of *education beyond boundaries*, *lifelong learning*, and *sustainable development*.

Parul University's Lifelong Learning Access Policy: Empowering Education Beyond Boundaries

Parul University's *Lifelong Learning Access Policy* serves as the foundation for all its initiatives promoting inclusive and lifelong learning in alignment with SDG-4, NEP-2020, and G20 priorities. Publicly available on the University website at www.paruluniversity.ac.in, this policy institutionalizes the University's commitment to quality, accessibility, and inclusivity in education.

The policy promotes lifelong learning through free and open access to educational resources—including online certificate courses, campus laboratories, libraries, and research facilities; public events and lectures such as symposiums, festivals, and conferences open to all learners; and executive and vocational training programmes designed for professionals, entrepreneurs, and community members. It further fosters educational outreach through school engagement, community learning projects like *Library on Wheels*, and national and international collaborations such as YEEP-2024.

Together, these initiatives transform Parul University into a public educational ecosystem where learning extends beyond age, discipline, or geography—empowering individuals, advancing sustainable development, and realizing the vision of Education Beyond Boundaries.

PUBLIC RESOURCES PROMOTING LIFELONG LEARNING

Parul University stands as a beacon of lifelong learning and inclusive knowledge dissemination, extending the power of education far beyond the boundaries of its campus. In alignment with the spirit of "*Education for all*", the University has opened its intellectual, technological, and cultural resources to reach every stratum of society and fraternity—from the underprivileged and local communities to women, homemakers, working executives, researchers, students, aspiring entrepreneurs and global delegates. Through open-access online courses on platforms such as NPTEL and SWAYAM, and its own Parul University Learning Management System (PULMS), learning is made accessible, flexible, and affordable for all. The University's Mobile Library access, free educational channels and blogs extend the learning experience to those who may otherwise lack formal opportunities. Moreover, certificate and short-skill courses, innovation and entrepreneurship programs, and startup-building modules are open to external learners, empowering individuals to upskill and reskill continuously. These facilities can be divided in three major categories:

- Courses for Public Access
- Campus Resources for Public Access
- Online Resources for Public Access

By offering shared access to high-end facilities like the FabLab and Micro-Nano Research & Development Centre, as well as startup studios for alumni and industry partners, Parul University ensures that learning is not confined to age, discipline, or geography. Complemented by special scholarships and international cultural exchange programs, the University nurtures a vibrant ecosystem where learning, innovation, and inclusivity coexist.

Courses for Public Access

Free online courses on External Platforms

The teaching staff of Parul University actively contribute to the broader community by offering **free online courses** across various public platforms including the NPTEL-SWAYAM. Some of these courses are already developed and available on the platforms, some are accepted and in development. All are designed to disseminate knowledge at its best. Some of these offerings are part of an MSME-certified company initiative, demonstrating the faculty's commitment to extending their educational reach beyond the campus. These initiatives allow learners across India and abroad to acquire practical, industry-aligned skills through flexible, online learning modules.

Highlighted Courses:

Course Name	Name of the Paltform	Name of the Teaching Staff	Status
Search Engine Optimization	SWAYAM	Dr. Kunjal Sinha	Available online
Groom Up Research Innovation Start Up, and many others	RandD Creativity	Dr Vijay Kumar Salvia	Available online
Nanocomposites: Fundamentals and Applications	SWAYAM	Dr. Kunjal Sinha	Approved and under construction

Cloud Computing	SWAYAM	Dr. Kunjal Sinha	Approved and under construction
Matlab & Basic Electrical Engineering	machinelearnings.in	Dr. Vivek Kumar	Available online with one-to-one interaction opportunity
Machine Learning, Python, R	machinelearnings.in	Dr. Vivek Kumar	
Quantitative Finance & Share Trading	machinelearnings.in	Dr. Vivek Kumar	

Impact: Making high-quality technical and entrepreneurial learning accessible to the wider public through open digital platforms.

Free online courses on University's LMS

Parul University extends its educational resources to the global community through a series of **free online certificate courses**, designed to make learning **accessible, flexible, and impactful** for everyone. These self-paced courses are open to **students, working professionals, and lifelong learners** from any part of the world, reinforcing the University's mission of democratizing knowledge. The courses cover diverse and industry-relevant domains. Interested learners can **register directly through the University's website**, after which they are enrolled within **24 hours** and granted access to the course on the University's **Learning Management System (LMS)**. The registration process enables personalized support — a dedicated representative monitors each learner's progress and provides academic assistance whenever required. Upon **successful completion**, participants receive an **official Certificate of Completion**, validating their acquired skills and commitment to lifelong learning. Such courses are

- Certificate Course on **Climate Change & Sustainable Environment**
- Certificate Course on **Positive Mental Health**
- Certificate Course on **Unlocking the Power of ChatGPT: Maximizing Productivity and Efficiency**
- Certificate Course on **Artificial Intelligence**
- Certificate Course on **Excel for Beginners**
- Certificate Course on **Medical Coding and Transcriptions**
- Certificate Course on **Web Development and Hosting**
- Certificate Course on **AutoCAD 2D**
- Certificate Course on **Project Management**
- Certificate Course on **Goods and Service Tax**
- Certificate Course on **Information Technology**
- Certificate Course on **Micro-Finance**
- Certificate Course on **Export Import Management - Beginners Level**
- Certificate Course on **Export Import Management - Advance Levels**
- Certificate Course on **Swift Programming**

Impact: Fostering **equitable access to education**, empowering individuals with practical skills and contemporary knowledge, while promoting Parul University's vision of making **quality education a freely available public resource for all.**

Certificate and Short-Skill Courses (Continuing Education)

While primarily for enrolled students, the University's Continuing Education Programs (CEP) are advertised as open for external learners (working professionals, non-students) and thus provide lifelong-learning resources. Highlighted Courses are

- Certification in Medical Coding & Transcriptions
- Certificate Program in Business Analytics
- Certificate programs in Fashion Designing
- Certificate Program in Interior Designing
- Certificate Program in Photography and Cinematography
- Certificate Program in Product Design
- Certificate Program in VFX and Animation

Impact: Empowering learners from diverse backgrounds to upskill and pursue new career pathways through flexible, short-term programs.

PIERC as Public Resource for Startup Incubation

The Parul Innovation and Entrepreneurship Research Centre (PIERC) at Parul University serves as a recognized Nodal Institution (NI) under the Scheme for Assistance for Startups/Innovation — an initiative of the Industries Commissionerate, Government of Gujarat. As a Nodal Institution, PIERC acts as a vital bridge between innovators and the state government, facilitating the implementation of Gujarat's startup policy at the ground level. It identifies, nurtures, and recommends innovative ideas for state assistance while providing mentorship, infrastructure, and incubation support to innovators and early-stage entrepreneurs.

- **Core Functions of PIERC as a Nodal Institution**
  PIERC fulfills a multi-dimensional role that blends mentorship, facilitation, and public engagement:
  a) **Screening and Evaluation of Innovations:** PIERC receives proposals from individuals, students, and startup teams across the state. Through a structured evaluation process and a dedicated Screening Committee, it assesses the novelty, technical feasibility, and societal or commercial potential of each innovation before recommending them to the Industries Commissionerate for funding under the Startup Gujarat scheme.
  b) **Mentoring and Incubation:** Selected innovators are provided incubation and mentoring support at PIERC. The centre connects them with faculty experts, industry mentors, and technical resources available across Parul University's diverse ecosystem. Startups spend an incubation period (typically 2–3 months) at PIERC, during which they refine their ideas, develop prototypes, and receive guidance on business planning and scaling.
  c) **Infrastructure and Ecosystem Access:** PIERC provides access to:
     - Co-working and innovation spaces
     - Prototyping and fabrication facilities
     - Technical laboratories and computing resources
     - Business development and legal advisory support

     These facilities enable innovators to convert conceptual ideas into viable products or services, leveraging the multidisciplinary resources of Parul University.

d) **Recommendation and State-Level Liaison:** After due incubation and evaluation, PIERC forwards eligible startup applications — along with progress reports and recommendations — to the Industries Commissionerate, Government of Gujarat. This makes innovators incubated at PIERC eligible for seed funding, sustenance allowance, or other financial support under the Startup Gujarat scheme.

e) **Capacity Building and Awareness:** Beyond supporting startups, PIERC organizes awareness sessions, innovation bootcamps, and workshops across Gujarat to educate students, faculty, and community innovators about startup policies, funding opportunities, and entrepreneurial processes.

- **How This Role Exhibits PIERC as a Free Public Resource of Parul University**
PIERC's functioning as a Nodal Institution transforms Parul University into a state-recognized public innovation hub — open not only to its own students but to innovators from across society.

a) **Open and Inclusive Access:** While housed within Parul University, PIERC's services — such as mentoring, incubation, proposal screening, and startup recommendation — are accessible free of cost to any eligible innovator or startup, irrespective of institutional affiliation. This openness reflects the University's commitment to serving as a public resource for innovation and entrepreneurship.

b) **Extending University Expertise to Society:** Through PIERC, Parul University extends its faculty expertise, research infrastructure, and industry linkages to the wider community. Innovators from rural, academic, or non-academic backgrounds can utilize university resources to develop sustainable, technology-driven solutions to societal challenges.

c) **Strengthening the State Innovation Ecosystem:** PIERC plays a key role in translating state policy into local impact — enabling more innovators from Gujarat to access government support. By doing so, it not only empowers startups but also reinforces the University's role as a partner in regional economic development.

d) **Fostering a Culture of Innovation:** By conducting open events, startup clinics, and public outreach programs, PIERC promotes innovation as a collective social responsibility. These efforts democratize access to entrepreneurship and make the University's knowledge base available as a free, public educational and innovation resource.

Impact: Through its role as a Nodal Institution, PIERC has positioned Parul University as:

- A gateway for innovation within Gujarat's startup ecosystem.
- A facilitator of state-funded entrepreneurship initiatives.
- A publicly accessible centre that transforms academic research and creative ideas into real-world enterprises.
- A model of university-community partnership, reflecting the value of education beyond boundaries and "Vasudeva Kutumbakam" - the world as one family.

Startup Building Course by PIERC

Mr. Jay Sudani, CEO of the Parul Innovation and Entrepreneurship Research Centre, has developed a course titled "Building a Successful Startup", which is hosted by CLARI CONCEPTS in terms of 18 Videos. The course provides a step-by-step guide from idea

generation to startup launch and has garnered significant engagement from aspiring entrepreneurs nationwide. The course is available on the YouTube with free access for public and linked to the university's website.

See on the Page of PIERC: https://www.pierc.org/

Impact: Inspiring innovators and start-up founders through accessible, practical entrepreneurial education.

Workshops – Open for all, Public access

Parul University often organises diverse range of workshops, seminars, and short-term training programs which are open to students, professionals, and community members, ensuring inclusive access to quality education and skill enhancement opportunities beyond formal academic programs. Each program is designed to promote creativity, innovation, and professional development, aligning with the university's vision of extending education as a public resource. Participants are awarded Certificates of Participation or Completion, formally recognizing their engagement and the competencies gained through these structured learning experiences.

Examples include:

- **National Level STTP on Social Work – a multi-day capacity-building program open to educators, practitioners, and students across India.**
- **Short-Term Training Program on "Question Paper Setting and Assessment: Tools & Techniques for Pharmacy Teachers"**
  Organized by the Faculty of Pharmacy, Parul University, in collaboration with the Association of Pharmaceutical Teachers of India (APTI), Gujarat State Branch.

Impact: Inspiring continuous learning and empower students, professionals, and community members to pursue further growth and professional advancement.

Campus Resources for Public Access

Access to Learning Spaces and Resources

Parul University regularly opens its academic, technological, and innovation facilities to school students as part of its public engagement and lifelong learning initiatives. Between **September 2023 and May 2024**, several schools from across **Gujarat and other states**—including Surat, Vadodara, Amreli, Nadiad, Padra, and Goa—visited the University. More than **700 students** explored diverse departments including FabLab and Tinkering Hub. These visits enabled students to experience real-world learning environments, interact with faculty, and gain exposure to higher education opportunities, research facilities, and skill-based innovations. By making its campus, laboratories, and specialized hubs accessible to the wider community, Parul University demonstrates its commitment to **extending educational resources beyond enrolled learners**, promoting the spirit of **lifelong learning and inclusive education**.

Details of Educational Visits Organized in 2023-24:

Date of Visit	Name of School/Institution	Location	No. of students
26-09-2023	MATRUBHUMI VIDHYA SANKUL	Surat	100
09-10-2023	NEW ERA SCHOOL	Vadodara	170
11-10-2023	OXFORD SCHOOL OF SCIENCE	Amreli	86
03-11-2023	BARODA LIONS SCHOOL	Vadodara	40
08-12-2023	UMA VIDHALAYA AND SD PATEL VIDHYALAYA	Vadodara	190
17-01-2024	LITTLE KINGDOM SCHOOL	Nadiad	55
05-03-2024	JNV SCHOOL	Padra	90
11-05-2024	PRINCIPALS VISIT	Goa	48

Sharing Sports Facilities for Public Use:

The university has extensive, state-of-the-art sports infrastructure intended for student development and recreation, including cricket grounds, soccer fields, basketball courts, and an indoor sports hub. The university often shares its sports facilities with local schools for free of charge.

Mobile Library Project – Bringing Learning to rural doorsteps

Parul University has introduced the innovative "**GYAN DHARA**" Mobile Library, an initiative dedicated to fostering a love for learning and reading among students in rural areas. Launched as a pilot project in the villages of Ishwarpura and Kamlapura, GYAN DHARA—***G****uiding* ***Y****outh by* ***A****ctivating* ***N****etwork,* ***D****eveloping* ***H****olistic,* ***A****nalytic* ***R****eading-skills* ***A****round us* —is a powerful step toward making education accessible to all. Twice a week, library staff visit these villages, bringing a mobile collection of over 550 books, charts, and digital tools to engage young minds.



The mobile library offers books across a range of topics, including Gujarati children's stories, environmental education, and cultural tales, catering to over 115 students eager to explore new worlds through reading. Equipped with educational videos, interactive storytelling, drawing, and puzzles, GYAN DHARA provides a well-rounded learning experience that goes beyond traditional classroom methods. Through these activities, the mobile



library promotes curiosity, creativity, and critical thinking, setting a strong foundation for lifelong learning.

The program's impact has been significant, encouraging reading habits and holistic growth among children in these communities. With plans to expand this initiative to more villages, Parul University aims to extend the reach of quality education and promote intellectual development among rural youth. GYAN DHARA reflects the university's commitment to creating a society where knowledge and opportunities are accessible to all, sparking a love for learning in young students that will empower them for years to come. This inspiring project is more than a library—it's a pathway to brighter futures for rural communities. And the university is committed to extend this project to more of the nearby villages.

Impact: Enabling rural children to experience the power of reading and holistic learning through a library-on-wheels.

Support to the Alumni and Corporate Representatives

At Parul University, our alumni are always a cherished part of our community, even after they leave the campus. We believe in providing ongoing support for their lifelong learning journey. Although access to certain educational resources is primarily designed for enrolled students, our alumni enjoy a wealth of benefits that promote their continuous education.

- **Lifelong access to courses on LMS:** Alumni have the privilege of **accessing any of the courses available on our Learning Management System (LMS)**, ensuring they can continue to expand their knowledge and skills.
- **Free Access to Coursera Platform:** Additionally, through our partnership with **Coursera**, our alumni can take advantage of a wide array of online courses tailored to their interests and professional development.
- **Library Membership for Alumni:** Parul University offer **lifelong membership to our central library** to our alumni, giving them access to a vast collection of resources, **including the online resources like E-books, journals, plagiarism check and others**, to support their ongoing educational pursuits.
- **Library Membership for Corporates:** Parul University now offers library memberships to corporate representatives, **including the online resources like e-books and e-journals,** granting them access to a full range of library services.
- **Special Scholarships:** Our alumni are offered **exclusive scholarships** to support their pursuit of higher studies and advanced academic opportunities.
- **Exclusive access to Regional Start-up Studios:** Through access to our Regional Start-up Studios, our alumni are equipped with the space, mentorship, and resources needed to scale their entrepreneurial aspirations, fostering innovation and entrepreneurial growth beyond graduation.

Impact: Fostering a culture of lifelong learning that keeps alumni and industry professionals connected with academic and technological progress.

FabLab - Digital Fabrication Space

FabLab at Parul University is a publicly accessible fabrication laboratory equipped with advanced digital-manufacturing technologies such as multi-colour FDM 3-D printers, SLA/DLP 3-D printers, PCB milling machines, CNC routers, laser cutters and vinyl cutters. External learners, startups, and educators can book lab sessions or attend workshops to explore **design thinking and prototyping**. This makes the FabLab a tangible resource for lifelong learning, providing hands-on, practical access to technologies that support innovation, design thinking and entrepreneurship beyond the remit of enrolled degree students.

Impact: Providing community access to advanced manufacturing technologies and fostering a culture of innovation through hands-on learning.

Creative Learning Studio

The Creative Learning Studio, established under the Department of Applied Sciences and Humanities and PIERC, Parul University, reflects the university's commitment to education beyond boundaries. Serving as a public learning resource, the studio promotes innovative and experiential education in mathematics and physics through hands-on experimentation, creative exploration, and real-world problem-solving.

The studio regularly hosts educational visits from various schools, where students engage in interactive demonstrations, experiments, and activity-based learning sessions that connect classroom concepts with practical applications. These visits provide young learners with a stimulating and immersive experience in scientific inquiry and critical thinking. In addition, faculty members from Parul University extend this initiative beyond the campus by visiting schools and community institutions to conduct outreach workshops and interactive sessions. Through real-life examples and demonstrations, they simplify STEM concepts and inspire curiosity and engagement among school students.

Impact: Nurturing scientific curiosity and critical thinking among school students, fostering a spirit of exploration and lifelong interest in learning through practical experience.

Micro-Nano Research and Development Center:

The Micro-Nano Research & Development Center at Parul University is a multidisciplinary applied research and training facility focused on nanomaterials, nanoelectronics, MEMS and biomedical nanotechnology. Beyond its role in degree education, the Centre actively shares resources with external users through short practical training modules, hands-on workshops, open-lab demo days, consultancy and industry-facing skill programmes. Outsiders — including industry professionals, school/college faculty, researchers from other institutions, start-ups and motivated members of the public — can use the Centre's services by enrolling on its short training courses, booking open-lab demo slots or contacting the centre for consultancy, testing or collaborative R&D projects.

Contact information, a brochure of training offerings and an explicit "get in touch / request a quote" flow are publicly available on the Centre's website

(https://micronanornd.paruluniversity.ac.in), which documents its training calendar and access routes for external participants. View on YouTube.

Impact: Sharing world-class nanotechnology facilities with the broader community to promote collaborative, hands-on scientific advancement.

Pragya – The Advance Skills and Simulation Centre:

Pragya – Advanced Skills & Simulation Centre (Parul University) is a state-of-the-art skills and simulation facility that supports lifelong learning beyond degree students. It offers hands-on simulation units (trauma, critical care, obstetrics, neonatal) and organises open-workshops for healthcare professionals, allied paramedical staff, and external learners. The facility is available for booking by industry and community practitioners.

Connect with Pragya on LinkedIn: https://www.linkedin.com/in/pragya-the-advance-skill-and-simulation-centre-19472a257/

Impact: Advancing healthcare competency through immersive, real-world simulation learning for lifelong professional growth.

Online Resources for Public Access

Scientific Communication Outreach and Public Engagement (SCOPE):

SCOPE at Parul University is an open knowledge and outreach initiative that brings science communication **to the public** through engaging formats such as podcasts, online magazines, and videos. The initiative simplifies complex scientific and social topics, transforming them into accessible, conversational content for learners of all backgrounds. SCOPE encourages continuous learning, promotes scientific literacy, and fosters community engagement with research and innovation.

Its resources are **freely available to the public** through its official digital platforms and YouTube channel, making it a vibrant example of how Parul University extends its intellectual and creative assets beyond campus boundaries.

Podcast Shows:

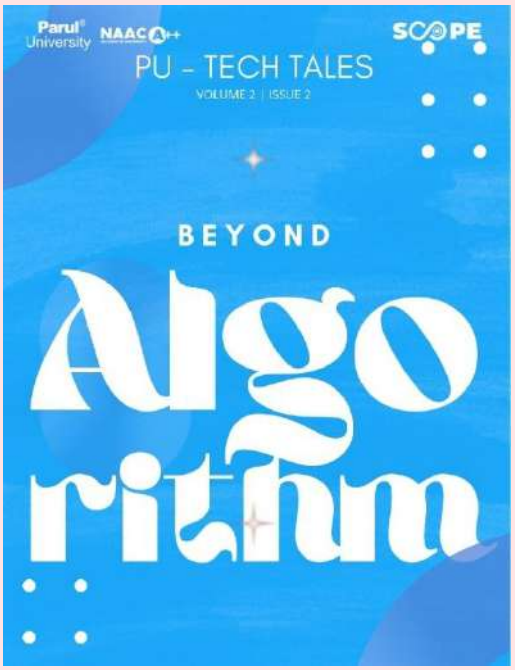
- **Who Cares? -** Addressing contemporary issues that impact our well-being and future.
- **Book Hookup -** Highlighting the latest influential patents, books, and publications.
- **Let's Figure Out -** Introducing innovators and entrepreneurs solving overlooked problems.
- **Meet the Leader -** Engaging conversations with prominent figures and pioneers in their fields.

Short Video Shows:

- **Walk the Talk -** In-depth discussions with faculty highlighting their expertise and achievements.
- **Fact Check -** Faculty and researchers share insights on various professional topics.
- **Parul Pulse -** Exploration of student perspectives and ideas through thought-provoking questions.
- **PhD in Three Steps –** Understanding PhD Research in 3 Simple Steps.

YouTube Channel of SCOPE: https://www.youtube.com/@scope-PU

PU-TechTales: Open Access to Discovery, Creativity, and Learning



PU-TechTales, Parul University's official academic and research magazine, serves as a dynamic platform for lifelong learning and intellectual engagement, **open for free access to public**. Designed to bring the world of innovation, research, and discovery closer to the public, the magazine translates complex academic ideas into engaging stories that inspire curiosity and understanding.

Each issue of PU-TechTales features the latest breakthroughs, creative ventures, and impactful projects emerging from the University's vibrant ecosystem of students, faculty, and research centres. Through these narratives, the publication makes high-end research and technical knowledge accessible to all — extending learning opportunities beyond formal classrooms.

As a publicly accessible digital resource, PU-TechTales embodies Parul University's commitment to inclusive education and open knowledge dissemination. It nurtures a culture of continuous exploration, promotes the values of inquiry and innovation, and invites individuals from diverse backgrounds to connect with the transformative power of education.

Subscribe to get the latest updates at *https://www.paruluniversity.ac.in/scope/magazine/*

Parul University Journal of Health Sciences and Research

Parul University Journal of Health Sciences and Research (PUJHSR) (Online ISSN: 2583-990X) is an Online, Open Access, Bi-Annual official publication of Parul University (pujhsr.paruluniversity.ac.in), Vadodara, Gujarat, India. PUJHSR aims to explore a broad readership by connecting the recent findings and facts from different health science fields on a common platform.

PUJHSR is an interdisciplinary journal for scientists, researchers, and academicians working in various domains of health sciences to disseminate scientific findings internationally for achieving better and affordable global health care. The journal invites publications from academics, professionals, and the scientific community in the field of medicine, pharmacy, homeopathy, Ayurveda, physiotherapy, nursing, public health, and allied health sciences. Original contributions in the category of the research article, short communication, review article, short review, case report/case study, and letter to the editor are welcome.

The editors and reviewers of PUJHSR are experts from academia, industry, and clinical practice. For timely decision and publication, the journal facilitates an effective

manuscript submission and review process. PUJHSR is published by the Publication Division, Centre of Research for Development (CR4D), Parul University, Gujarat, India.

Link to the Journal: https://journals.lww.com/pjhr/pages/default.aspx

PULMS- A Platform for Public and Institutional Learning

Parul University believes that learning should transcend physical boundaries and be accessible to all, anywhere and anytime. With this vision, the University has developed its Institutional Learning Management System — **PULMS**, a comprehensive digital platform that serves as a central hub for teaching, learning, and open knowledge sharing.

Through PULMS, Parul University makes a large part of its educational resources publicly accessible free of cost, reinforcing its commitment to inclusivity and lifelong learning. The platform hosts **e-content, video lectures, e-books, presentations, interactive assessments, discussion forums, and progress dashboards** — all through an intuitive and learner-friendly interface.

The LMS caters to diverse learner groups:

- **Regular Students:** Access live and recorded lectures, study materials, assignments, and weekly assessments — ensuring continuous learning beyond the classroom.
- **Online and Distance Learners:** Benefit from flexible learning schedules, live sessions, and interactive assessments designed for remote engagement.
- **Public Learners (Free Access):** PULMS offers free enrollment in a variety of open courses such as *Excel for Beginners, Medical Coding, Export–Import Management, AutoCAD, AI Tools in Education,* and *Mental Health and Wellbeing*. Anyone can register via the University's website and gain access within 24 hours.

The system also supports progress tracking, mentor guidance, and digital certification upon course completion, encouraging open and self-paced learning. Furthermore, **Parul University Alumni enjoy lifetime free access** to PULMS through their Alumni Membership Card — keeping them connected to continuous learning opportunities.

By opening its digital doors to the global community, Parul University's LMS stands as a symbol of academic generosity — democratizing knowledge and fostering a culture of lifelong, inclusive education.

Educational Channels and Blogs- Free Access to lifelong learning

Parul University's educators host a diverse range of **YouTube channels** and **educational blogs** covering fields from engineering, healthcare, and pharmacy to computer science, mathematics, and humanities. These channels and blogs bring expert-led tutorials, lectures, and mentorship to learners across the world—absolutely free.

Popular Channels:

Channel Name	Description	Faculty/Owner

Parul University IR	An official youtube channel which telecasts key-note webinars and online-talks held in various faculties of parul university on separate segment for each of the faculties.	Parul University
KANHA_MATHS	Provides various learning resources, including tutorials and informative videos on topics related to Mathematics	Chirag Solanki
Dr Vijay Kumar Salvia	Videos Regarding Right Direction and Right Mentoring for Employment, Self-Employment, Technology opportunities and enhancing your quality and skills.	Dr Vijay Kumar Salvia
Watch me to know	Presents informative videos on a wide range of topics, including technology and education.	Ankit Goad
DSPN Medeasy	Delivers lectures, tutorials, and educational content on Pharmacology, Clinical Cases, Compititive exam related, Drug information	Dr S P Nayak
TechKnowledge with sonali	Offers tech-related tutorials, tips, and in-depth knowledge on various gadgets.	Sonali Sagar Kharade
Dr Milind Chatrabhuji	Features educational content on personal development, wellness, and holistic knowledge with mainly focus on the subject of Rasashastra & Bhaishajya Kalpana.	Dr Milind Chatrabhuji
Divya Deva	Presents content related to spirituality, personal growth, and motivational talks.	Dr.Divya B
Lean with Madhav J	Offers interactive sessions on **Scratch, MIT App Inventor, Python, and AI for Kids**, nurturing early STEM learning through fun and creativity.	Prof. Madhav J
@jigarbhawsar4677	Focuses on **C programming fundamentals**, ideal for beginners pursuing careers in software development.	Prof. Jigar Bhawsar
At Curio-City	Simplifies **science in everyday life** through engaging experiments and relatable explanations, inspiring curiosity among learners of all ages.	Dr. Surbhi Joshi
@praveentomar8328	Provides **basic computer education and math tricks for beginners and children**, supporting foundational digital literacy.	Praveen Singh Tomar
Dashvanth Virtual Academy	A **technical training channel** offering practical knowledge on cloud computing, Java programming, and related IT skills.	Arun Udayasuriyan
viren nimbark	This channel features a variety of content, including educational videos, tutorials, and insights across different subjects including life-lessons.	Dr. Viren D. Nimbark

@dr.piyushtrivedi1316	Focuses on practical knowledge, lifestyle tips, and content aimed at personal growth.	Dr. Piyush Trivedi

Popular Blogs:

Channel Name	Description	Faculty/Owner
CSCHEM	A blog that explores the fascinating chemistry behind everyday phenomena. It provides simple, engaging explanations of how chemical reactions and principles apply in our daily lives, making complex science accessible to general readers and students alike.	Dr. Chintan P. Somaiya
CHEM_TOUCH LIFE	A vibrant blog sharing the latest updates in chemistry research, practical facts, and conceptual revisions. It also highlights the integration of modern tools like AI in scientific research, offering valuable insights for students and researchers.	Dr. Pavan Karkare
Medium (by Dr. Nikhil Savio)	A series of well-written blogs covering environmental science, sustainability, and general awareness topics. The content bridges scientific understanding and public consciousness, encouraging readers to make informed, eco-friendly decisions.	Dr. Nikhil Savio
Dashvanth Virtual Academy (Blog)	A coding-focused blog offering tutorials, project guides, and conceptual explanations in programming languages like Java, HTML, and Servlet. Designed for students and early professionals aiming to strengthen their technical foundations.	Arun Udayasuriyan
The Learning Ledger	A comprehensive blog dedicated to Commerce and Management education. It provides well-structured study notes, analytical articles, and practical insights to help learners understand key business concepts and financial principles.	Dr. Ritesh Patel

Impact: Democratizing access to expert knowledge through free, digital learning channels that reach thousands globally.

Centre for Distance and Online Education (CDOE)

The *Centre for Online and Distance Education (CDOE)* at Parul University provides **flexible, self-paced, and accessible higher education opportunities** through digital platforms. It serves as a public platform for lifelong learning, offering accessible and flexible degree and certification programs for working professionals, homemakers, and learners beyond the campus. With its interactive online pedagogy and 24×7 accessible digital resources, CDOE expands educational inclusion in line with SDG 4. It offers **UG and PG programs**, as well as **skill-based certifications** — all **open to the general public**, not limited to on-campus students.

PUBLIC EVENTS PROMOTING LIFELONG LEARNING

Parul University redefines the very essence of education by extending the power of learning beyond its classrooms and campuses, transforming it into a movement that touches lives across all ages, genders, and walks of life. Guided by the belief that knowledge grows when shared, the university embraces the philosophy of open and lifelong learning, creating opportunities that unite people from schools and higher education institutions, as well as from rural and urban communities under one inclusive umbrella of growth.

From the fields of agriculture to the frontiers of technology, and from the worlds of design, literature, and performing arts to the realms of pharmacy, engineering, and nation-building, Parul University ensures that there is something for everyone—students, professionals, entrepreneurs, homemakers, farmers, artists, researchers, and lifelong learners alike. Each initiative is designed not just to educate, but to inspire, empower, and connect individuals through immersive experiences that nurture curiosity, innovation, and a sense of purpose.

Many of these initiatives are collaborative endeavors with government bodies, industries, and non-government organizations, reflecting a shared commitment to building an informed, compassionate, and progressive society. Together, they celebrate human potential, address real-world challenges, and strengthen the bridge between knowledge and community.

What follows is a glimpse into these educationally driven, people-centered initiatives, each one a vibrant expression of Parul University's mission to make learning accessible, inclusive, and transformative—fuelling personal excellence and the collective progress of society.

IIMUN Vadodara Conclave 2023

December 5th &6th, 2023



The **2nd Edition of the IIMUN Vadodara Conclave**, hosted at Parul University, stood as a shining example of lifelong learning and youth empowerment. Drawing over **20,000 participants** from across the region, the conclave transcended traditional academic discourse, nurturing inner growth through sessions on **mindfulness, mental health, and spirituality**. The conclave aimed to enhance students' public speaking, critical thinking, negotiation, leadership skills, and global awareness. It blended motivational talks with youth-centric activities, helping participants develop the emotional balance, resilience, and leadership skills needed to thrive in an ever-changing world. True to Parul University's ethos, this conclave transformed education into an **experience of self-realization and collective progress**.

Vadodara Film and Design Festival (VFDF) 2.0



April 11-16, 2024

The **Vadodara Film and Design Festival 2.0** turned Parul University into a vibrant hub of creativity, uniting **students, professionals, and art enthusiasts** under one imaginative sky. Designed as a public-facing celebration of artistry, VFDF 2.0 featured **masterclasses, fashion shows, and discussions with industry experts**, opening the doors of the film and design industries to a wider audience. A lively **flea market** added a community flavour, showcasing local artistry and innovation. As noted by the *Times of India*, the festival "created a vibrant, creative environment for interaction among students and industry professionals." By blending education with expression, VFDF 2.0 embodied Parul University's vision of transforming **learning into an art form that connects hearts, minds, and cultures**.

Vadodara Literature Festival-2.0

January 17-19, 2024



The **Vadodara Literature Festival 2.0**, jointly organized by Parul University and **India's International Movement to Unite Nations (I.I.M.U.N.)**, was a grand celebration of words, wisdom, and culture—**open to all lovers of literature**. With registration access for "Non-PU Students / External Participants / Literature Enthusiasts," the festival created an inclusive platform where **authors, poets, journalists, and readers** came together for three days of enriching dialogues. Renowned figures such as Ram Kamal Mukherjee, Abhay Kumar, and Rita Chowdhury shared their creative journeys, sparking thought and imagination. The **freely accessible** event redefined the idea of learning as an emotional and cultural experience, nurturing **lifelong appreciation for language, diversity, and human expression**.

Pharmafest-2024



March 1-2, 2024

The annual **PharmaFest** serves as the **national flagship symposium** of the Faculty of Pharmacy—an electrifying blend of **science, skill, and celebration**. The 2024 edition invited participants from across India to showcase their academic and creative brilliance through competitions, exhibitions, and cultural activities. With **₹45,000 in awards**, the event recognized excellence in both technical and non-technical arenas. More than a festival, PharmaFest was a **platform for professional evolution**, where future pharmacists learned to merge knowledge with empathy, teamwork, and innovation.

Samvidhan Pe Charcha – 2.0

July 14-16, 2024



"Samvidhan Pe Charcha" (Translating as "Discussion on the Constitution") served as a significant **public learning initiative** that extended beyond traditional academic boundaries, promoting civic and constitutional literacy among students, practitioners, and the broader legal community. Organized in 2024, the second edition of this National Event served as a platform bringing together judges, advocates, scholars, and over 2500 participants from across India. The event functioned as an open forum for lifelong learning in law and governance. Through national-level competitions, expert-led workshops, and interactive discussions on contemporary constitutional issues, it provided participants—both from within and outside Parul University—opportunities to develop advocacy, interpretation, and analytical skills essential for continuous professional growth. The conclave thus embodied the essence of **lifelong learning**, fostering informed citizenship, critical dialogue, and sustained professional development in the legal domain.

PiCET-2024

May 3-4, 2024



The **Parul University International Conference on Engineering and Technology (PiCET-2024)** exemplified the university's global academic vision. In collaboration with the **Institute of Electrical and Electronics Engineers (IEEE)**, PiCET provided a stage for **researchers, academicians, and industry experts** to exchange ideas on *Smart Engineering* and **sustainable development**. Out of **820 paper submissions**, **271 were selected** for presentation across five tracks, while **15 pre-conference workshops** offered **hands-on learning to over 540 participants**. The conference attracted **600+ delegates from around the world**, with accepted papers published in IEEE Xplore. PiCET 2024 reaffirmed Parul University's place in the global knowledge ecosystem, fostering **collaboration, research, and lifelong curiosity**.

Vadodara Police Hackathon 2023

August 3rd to 5th, 2023



The **Vadodara Police Hackathon 2023**, a collaborative effort between **Vadodara Rural Police** and **Parul University**, demonstrated the power of technology in public service. Students, innovators, and police personnel worked side by side to devise **digital solutions to real-world policing challenges**. With **funding up to ₹10 lakh** and incubation support for the best ideas, the hackathon transformed learning into civic innovation. With participation from over 90 teams across Gujarat, the hackathon saw the involvement of more than 360 students. Three teams emerged victorious, five student teams were selected to join the PIERC incubation program, and selected prototypes were even considered for pilot implementation by the Vadodara Police, reflecting the event's **direct impact on community safety and governance**. It was a perfect embodiment of **learning with purpose**—where creativity met commitment to society.

Maadhyam – National Media Festival

The **Maadhyam – National Media Festival** is an annual event organized by the Department of Journalism and Mass Communication at Parul University in Waghodia, Gujarat. Described as Gujarat's largest media festival, it offers a platform for students to engage with contemporary media realities and showcase their skills. The event attracts thousands of attendees and hundreds of participants from universities across India.

Vaanijyam – 2023 - A National Level Commerce Festival



12-13 December 2023

Vaanijyam 2023 was a successful national-level commerce festival hosted by the Faculty of Commerce at Parul University in **November and December 2023**. The festival aimed to provide a competitive platform for students to demonstrate their commercial acumen and innovative skills in the ever-evolving world of business and finance. The Festival brought together commerce students to engage in competitions such as Graphguru (data-visual & business modelling), Sick Business Saviours (problem-solving), Vyavsayi Visuals (business visuals) and others. The event provided a robust platform for students to showcase talents, enhance skills such as teamwork, presentation, decision-making and creative business thinking, and network with peers beyond the campus. The fest reinforces our commitment to applied learning, student engagement and excellence in commerce education.

Vadodara Toycathon 2023

June-July, 2023

The Vadodara Toycathon 2023 was a significant event aimed at fostering innovation among young minds in the realm of toy creation. With over 100 teams participating, the event saw a total student participation of more than 400. Out of these, 50 teams were selected for the Grand Finale, and 7 teams emerged as winners, comprising 3 school teams and 4 university teams. This event not only showcased the creativity and ingenuity of the participants but also provided a platform for them to turn their innovative ideas into tangible products.



Vadodara Kidovation Festival 2.0

25th and 26th August 2023

The Vadodara Kidovation Festival 2.0 celebrated the creativity and innovative spirit of young students. With participation from 13 schools and over 320 students, the festival included 8 different events designed to inspire and engage young innovators. The event is collaborative effort by Parul Innovation and Entrepreneurship Research Centre (PIERC), Anand Vidya Vihar School and New Era Senior Secondary School. The festival provided a platform for children to explore their creative potential and showcased their innovative ideas, fostering a culture of creativity and problem-solving from a young age.

Farmer Awareness Programs and Hortus-2024

Run frequently throughout the year

Parul University is located in an area which is nearby the mega-city “Vadodara” of Gujarat State of India and it is surrounded by rural villages. Faculty of Agriculture of the university organizes several agricultural programs in these villages throughout the year. One such impactful initiative is the **Farmer Awareness Program** organized by the Faculty of Agriculture, leveraging the university's unique geographic setting and commitment to community development. Under this program, the Faculty of Agriculture collaborates with **Gram Panchayats** and organizes meetings with farmers. Through interactive sessions, the students and teaching staff disseminate **up-to-date agricultural knowledge**, such as the latest tools, crop management strategies, and sustainable farming practices. Many **real-world challenges** faced by farmers, including **crop health, soil quality, and pest management** are addressed in such meetings. Free **soil testing services** are provided to farmers during the meetings, and personalized recommendations are given to improve crop yields. The program also advocates for **chemical-free farming**, contributing to the adoption of eco-friendly practices, which align with the global movement towards sustainability.





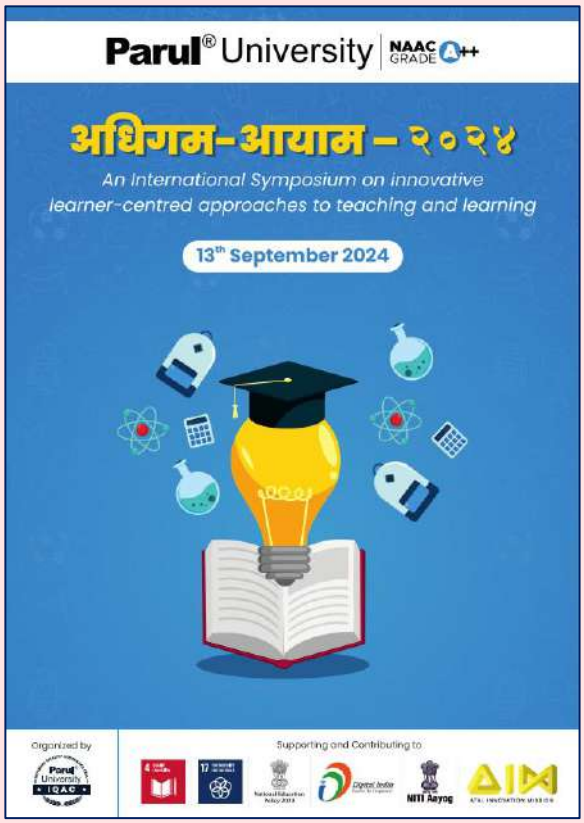
The Annual Flagship event **Hortus 2024** - A flower exhibition-cum-sale and agricultural showcase organized by the Faculty of Agriculture is also part of this educational initiative that connects the agricultural community with farmers and urban society by showcasing modern farming advancements, promoting sustainable practices, and offering practical demonstrations. This year, it was held on January 2nd and 3rd, 2024. The event functioned as an open public exhibition that facilitates knowledge sharing and community engagement on crucial farming issues and environmental solutions.

Women Starup Meet 3.0

July 11th-12th, 2023

The **Women Startup Meet 3.0** at Parul University was a dynamic two-day event held on **July 11-12, 2023.** With the core objective of supporting, celebrating, and empowering women entrepreneurs, organized by the **Parul University Startup & Innovation Centre (PUSIC)** and the **Institution's Innovation Council (IIC),** the event focused on fostering women entrepreneurship. The meet provided a platform for aspiring and established women founders to connect, network, and gain valuable insights from a variety of guest speakers and mentors, including IAS Bhargavi Dave. Engaging sessions and interactive workshops were designed to enhance skills, expand knowledge, and foster meaningful connections within the entrepreneurial community. Opportunities were provided for aspiring female entrepreneurs to pitch their innovative ideas during dedicated idea-exchanging sessions. The event highlighted inspiring stories of local women entrepreneurs who successfully built businesses, demonstrating the potential for growth with hard work and supportive initiatives.

Adhigam-Aayam-2.0



An International Symposium on innovative learner-centered approaches to teaching and learning September 13, 2024

Dedicated to the advancement of **innovative and learner-centric education**, Parul University's **International Symposium "Adhigam-Aayam 2.0"** brought together **educators, researchers, and institutional leaders from India and abroad**. Organized by the **Internal Quality Assurance Cell (IQAC)**, the symposium offered a fertile ground for exchanging best practices, exploring future-ready pedagogies, and nurturing a global dialogue on **teaching for tomorrow**. Open to schools and higher education institutions alike, this flagship event reinforced Parul University's belief that **education must evolve with learners**, fostering a worldwide community devoted to quality and creativity in teaching.

VOCATIONAL TRAINING EVENTS PROMOTING LIFELONG LEARNING

Parul University, through its **Executive Development Program (EDP) Cell**, hosts dynamic vocational and executive training programs open to the public, equipping participants with in-demand skills and industry-aligned expertise. In an era of rapid technological advancement and evolving global business standards, these programs are designed to enhance **managerial, digital, and behavioural competencies**, enabling professionals to thrive in modern workplaces. The offerings span diverse domains—from **Lean Six Sigma certifications** that sharpen operational efficiency to **specialized spoken English and communication courses** tailored for leading corporates such as **Bacancy System** and **RR Kabel Ltd.** Conducted under the guidance of expert faculty with extensive industry experience, many programs are offered through **digital platforms**, ensuring convenience and flexibility for working professionals. Collectively, these initiatives foster continuous professional growth, empower individuals, and strengthen Parul University's commitment to **lifelong learning and quality education.**

Key vocational training programs:

Title of the corporate training program	Agency seeking training
Lean Six Sigma Green Belt Certification	Alkem Laboratories Ltd.
Decision Making & Problem Solving	R R Kabel Ltd
Presentation Skills	R R Kabel Ltd
Communication Skills	RR Kabel Ltd
Workplace Etiquettes	FIBRE2FASHION
Workplace Etiquettes	Techno Electromech Pvt. Ltd.
Effective Communication Skills	RR Kabel Ltd
Effective Communication Skills	Bacancy Systems
Time Management Skills	RR Kabel Ltd
Expert Training on Trust Building and Code of Conduct	Tristar Marketing Consultancy Services
Team Building & Working in a Team	Sharpex Engineering Work

The **Continuous Education Program** (CEP) at Parul University is designed to support lifelong learning and professional development for individuals and corporate professionals. It offers a variety of courses and workshops across disciplines, enabling participants to upgrade their skills, stay updated with industry trends, and enhance their expertise. Through CEP, Parul University aims to create flexible learning pathways that cater to working professionals and community members seeking to advance in their careers or acquire new skills, promoting continuous personal and professional growth. Followings are some of such prominent courses offered last year.

Name of the Course	Number of attendees
Certificate Program in Mobile App Development using Android Programming	27
Certificate Program in Data Analytics	19
Certificate Program in Fundamentals of Swift Programming and IOS Development	10
Certificate Program in Six Sigma Methodology	6
Certificate Program in Fundamentals of Mutual Fund	30
Certificate Program in Fundamentals of HR Analytics	34
Certificate Program in CISCO Certified Network Associate(CCNA)	19
Certificate Program in Advanced Cardio Vascular Imaging and Surgical Techniques	106
Certificate Program in Vedic Maths	16
Certificate Program in Cyber Ops (2nd aug)	24
Certificate Program in Global Affair - Beginner Level	29
Certificate Program in Total Station	12
Certificate Program in Biostatistics	7
Certificate Program in Bach Flower	24
Certificate Program in Building Information Modelling	18
Certificate Program in Cold Plunge Therapy	44
Certificate Program in Homeopathy Design	45
Certificate Program in IOS Application Development using Swift	39
Certificate Program in Organic Farming	24
Certificate Program in Physical and Mental Health	65

National Healthcare Skill Conclave

Organized annually, The National Healthcare Skill Conclave (NHSC) brings together leading healthcare professionals, academicians, and policymakers to discuss the evolving landscape of skill development in healthcare. The 4-day NHSC-2024 with the theme of "Mastery in Motion: The Art of Healthcare Skills and Simulation" featured 17 hands-on hands-on simulation-based workshops in the healthcare and medicine providing practical experience in various medical procedures such as laparoscopy, advanced airway management, ECG, mechanical ventilation, mass casualty and trauma management, use of AR-VR in healthcare emergencies and others emphasizing the importance of skill enhancement in improving patient care. The conclave brought together students, practitioners and professionals from across India, offering practical training and certification in key healthcare competencies. The event provided vocational training open to external participants (beyond regular enrolled students). It helped equip learners with specialised healthcare skills for employability and professional growth — embodying lifelong learning.

Vocational Training by Pragya – The Advance Skill and Simulation Centre

The National Disaster Response Force (NDRF) team underwent specialized training on biological warfare agents using advanced simulation equipment at Pragya: The Advanced Skills and Simulation Center, organized by the Department of Public Health Sciences (DPHS). The session marked a significant step in strengthening disaster preparedness through hands-on exposure to cutting-edge simulation technology. This collaboration between Pragya and the NDRF reflects a shared commitment to fostering a culture of continuous learning and operational readiness. The practical training experience not only enhanced the participants' technical competence but also reinforced the importance of integrating advanced academic facilities with national emergency response systems to ensure preparedness for any critical situation.

Refresher Course for Registered Pharmacists

The Gujarat State Pharmacy Council-sponsored Two Days Refresher Course for Registered Pharmacists plays a vital role in promoting continuous professional development and strengthening the healthcare system. Through interactive sessions and expert guidance, the program enhances pharmacists' knowledge of recent advancements in pharmacy practice, drug safety, patient counselling, and regulatory updates. Such initiatives ensure that pharmacists remain competent, ethical, and well-informed healthcare professionals who contribute effectively to safe medication use and public health improvement. Continuous learning through refresher courses like this empowers pharmacists to deliver better healthcare services and adapt to the evolving needs of society. More than 400 pharmacists participated in the course that was organised on 2nd and 3rd December 2023 through online mode.

Diploma in Paramedical & Health Science

Parul University, through its Faculty of Medicine and affiliated teaching hospitals, extends vocational and community-oriented training programs to individuals aspiring to enter the healthcare sector. These short-term diploma and certificate programs focus on essential skills such as medical laboratory techniques, radiology, emergency care, and patient assistance. Open to the public, these initiatives empower learners with employable skills, enhance healthcare delivery capacity, and promote lifelong learning in alignment with SDG 4.

Entrepreneurship and Startup Development Programs by PIERC

Parul University, through its Parul Innovation and Entrepreneurship Research Centre (PIERC), nurtures entrepreneurial skills and startup development through specialized programs that go beyond traditional academics.

- The Startup Growth Pad Program empowers innovators with structured mentoring, business planning, and investor readiness training. View More
- The Startup Incubation Program offers intensive hands-on support for early-stage ventures through expert workshops, prototype assistance, and industry mentorship.

Both programs are open to students, alumni, and external participants, strengthening the regional innovation ecosystem and fostering vocational skill development in business creation, leadership, and technology management.

EDUCATION OUTREACH ACTIVITIES PROMOTING LIFELONG LEARNING

At **Parul University**, we believe that education is a powerful tool for driving positive societal transformation, and our mission extends far beyond the confines of our campus. Our education outreach activities are designed to make quality education accessible to all—whether for underprivileged communities, schools, higher educational institutions, or international collaborators. We also conduct a wide variety of activities to support the Government in nation-building. These efforts embody our commitment to fostering inclusive growth and lifelong learning, aligning with the goals of **SDG 4 (Quality Education)**.

The following examples provide a glimpse into our outreach and impact initiatives:

Community-Based Educational Outreach

Parul University, through its **Sakshamthad Foundation**, engages in impactful initiatives that promote education, healthcare, and environmental sustainability in underserved areas. Our student-led activities address key socio-economic challenges such as literacy development, digital education, and environmental awareness — empowering marginalized communities through practical learning. Key initiatives include:

- **"Apni Pathshala"** – This project translates to "Our Own School" and it involves hostelled students at Parul University providing **basic education to children of construction workers**. Through evening classes, the children gradually gain essential skills required for formal school education. So far, **22 children** from Apni Pathshala have successfully enrolled in **Limda Primary School**, and **25 more students** are currently being prepared for enrolment.



- **Street Schools – "Gunjan" and "Killol"**
  These initiatives aim to attract **slum children towards education** by offering **informal learning sessions** in community spaces. Parul University students conduct **evening classes**, helping these children **develop foundational literacy and numeracy skills** to support their academic journeys. A total of **64 children** are currently benefiting from these street school programs, setting them on a path toward formal education and personal growth.
- **Nikhar Beauty Parlour and Academy:**
  Nikhar Beauty Parlour and Academy is a social initiative of Parul University, run in collaboration with the Sakshamthad Foundation under its CSR and community extension activities. It provides **vocational training in beauty and wellness** to empower local women with employable skills. So far, 40 women have been trained, leading to 30 self-run beauty parlours, each earning around ₹15,000 per month—promoting women's entrepreneurship and financial independence. Through Nikhar

Beauty Parlour and Academy, Parul University demonstrates how education can transcend the classroom—**transforming lives, promoting entrepreneurship, and strengthening the social fabric** of its surrounding communities.

- **GARIMA – WOMEN LIVELIHOOD CENTRE**
  GARIMA – Women Livelihood Centre is a social initiative of Parul University, dedicated to empowering rural women through vocational training in stitching, tailoring, and handicrafts. Supported by partners such as the Apollo Tyres Foundation and KUPS Enterprise, GARIMA promotes women's entrepreneurship and financial independence by enabling bulk production and sales of handcrafted products. The initiative has trained over 75 women, facilitated 11 start-ups, and collectively generated earnings of over ₹25 lakh through the production of more than 4 lakh items. By helping women earn and contribute to their families' well-being, GARIMA helps to remove the stigma that "rural women can't earn".

Through sustained efforts, we aim to not only educate but also **empower communities**, ensuring that every child has an opportunity to build a brighter future.

Outreach for Schools and Teachers

Parul University collaborates with rural and semi-urban schools to promote creativity, innovation, and career awareness. We organize science fairs, coding boot camps, and creative arts workshops, along with entrepreneurship and teacher development programs. Our notable initiatives are

- **Bal-Milan for school students:** Parul University has developed this a unique platform that provides rural school-going children to showcase their talents in sports and cultural activities. Sports and cultural activities not only promote physical fitness and mental well-being but also help in the overall development of a child's personality.
- **School Engagement through Creative Learning Studio:** Under the umbrella of the Creative Learning Studio, faculties from the Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Parul University, actively engage in school outreach programs aimed at making mathematics and physics more interactive and relatable. Faculty teams visit various schools and conduct hands-on learning sessions, using practical examples, experiments, and demonstrations to simplify complex scientific concepts. These activities spark curiosity, strengthen foundational understanding, and promote experiential learning among school students.
- **Seminars for School-teachers:** Parul University organizes Principal Meets, Seminars and workshops for School Teachers as well as for students to address current issues and possible resolutions. This year, 1700 schools were connected through such activities.

Faculty Development and Professional Learning Beyond Campus

Across its **21 faculties**—from Science, Commerce, and Arts to Medical Science, Pharmacy, Design, Performing Arts, Law, Agriculture, and Social Work—Parul University regularly conducts **workshops, webinars, and FDPs** that are open to educators and graduates from across India. For instance, The Department of Applied Sciences and Humanities, Faculty of Engineering and Technology collaborated with National Institute of Technology, Jamshedpur and organized One week FDP on "Unlocking Potential: Advanced Mathematics for Engineers and Scientists" during October 21-26, 2024.

Global Educational Outreach

Winner of FICCI Higher Education Excellence Awards for Excellence in Globalization, Parul University practices not only exchange programes but it leads Initiatives like the **YEEP (Young Entrepreneurs and Emerging Professionals)** program, offering students from both institutions a unique platform for **entrepreneurial learning and innovation**. It is a collaborative initiative with Bern University of Applied Sciences, Switzerland. Since 2017, this initiative has brought together Swiss and Indian students for a summer school, combining **business ideation, market research, cultural exchange, and training sessions by foreign professors**. Till the 5th edition of this program, in total 12 Swiss Professors and 66 Swiss Students have visited India and interacted with the stakeholders of Parul University. The program's outcomes include **24 developed business ideas**, 10 of which were successfully **commercialized in India**, with one start-up, **MEDREF Healthbridge Solutions**, earning the prestigious **"Youth Start-up of the Year" award** at **Eastern Africa Startup Awards 2024**. This cross-cultural outreach strengthens **global engagement and entrepreneurial skills**, fostering impactful international cooperation.

Entrepreneurship and Startup Outreach

- **Outreach for Schools:**
  Through the **Parul Innovation and Entrepreneurship Research Centre (PIERC)**, the University organizes a series of summer camps every year aimed at nurturing curiosity and scientific temper among school students. These include the **Young Innovator Summer Camp**, **Jr. Scientist Summer Camp**, and **Budding Scientist Summer Camp**, conducted between June 2023 and May 2024. The camps provide hands-on exposure to innovation, design thinking, robotics, and basic research methods through interactive sessions and experiments led by Parul University faculty and innovators.
  More than **600 students from various schools across Gujarat** participated in these camps, gaining practical insights into science, creativity, and innovation, while experiencing the vibrant research culture of the university. These initiatives play a key role in bridging the gap between school-level curiosity and higher-level innovation, thus expanding the university's educational impact beyond campus boundaries. See: https://www.pierc.org/
- **International Outreach:** YEEP 2024 - An International Educational Outreach Activity of PIERC, Parul University

YEEP primarily refers to the **Young Entrepreneur Exchange Project - Indian Summer School** program. Parul University, through its global collaboration with the Bern University of Applied Sciences, Switzerland, organised the fifth edition of YEEP — a cross-cultural entrepreneurial summer school. The programme enabled Swiss and Indian students to co-create startup ideas addressing real-world challenges, engage with industry mentors, and explore India's innovation landscape.

Beyond a conventional campus programme, YEEP 2024 embodied *education beyond boundaries* by integrating intercultural learning, innovation pedagogy, and entrepreneurial incubation. It served as an international outreach platform where Parul University's faculty and mentors extended their expertise to global learners, reinforcing the university's commitment to *Innovation, Inclusivity, and Internationalization*. *The YEEP-2024* ran from July 11-26, 2024, and focused on fostering global entrepreneurship through workshops, seminars, and cross-cultural collaboration.

- **Outreach through Government Schemes:**

  The **Parul Innovation and Entrepreneurship Research Centre (PIERC)**, established in 2015 under Parul University, extends its innovation ecosystem beyond the campus through structured outreach and mentorship programs. Acting as a **regional nodal centre for innovation and startups**, PIERC nurtures creativity, entrepreneurship, and business incubation among students and faculty from various institutions.

  As a **Mentor Institution** under the **Ministry of Education's Innovation Cell (MIC) – IIC Mentor-Mentee Scheme**, PIERC has guided several higher education institutions by conducting mentoring sessions, startup workshops, and incubation handholding activities. Its experts have delivered sessions on design thinking, business model canvas, and value proposition development, mentoring over **500 students and faculty** on entrepreneurial practices and helping mentee institutions establish their own innovation cells. This initiative reflects Parul University's commitment to **education beyond boundaries**, fostering a nationwide culture of innovation and entrepreneurship.

Education Outreach Activities supporting to Government Initiatives:

As one of the eminent universities of Western India, Parul University upholds the spirit of contributing to nation building and supports the initiatives taken by the State Government as well as Central Government, such as Promotion and Implementation of National Education Policy-2020, Skill India, Digital India, Unnat Bharat Abhiyan, Swachchh Bharat Abhiyan and others. The university regularly organizes celebrations of festivals and awareness activities based on the themes promoting these schemes and missions.



The university has adopted 50 villages under the Unnat Bharat Abhiyan, which is a flagship programme of Ministry of Education to create a vibrant relationship between the society and higher educational institutes, providing knowledge and technology support to improve the livelihoods in rural areas and to upgrade the capabilities of both the public and private organizations in the society. The students and staff of the university regularly organizes educational drives regarding health, hygiene and quality of life. The University runs several projects for these villages such as Garima (under which the women community is educated and supported enough with the skill to generate livelihood and become financially independent), Sahiyar-Gram-Hatt (an exhibition cum sale fair of the products manufactured by women groups, women artisans, and women organizations), Sanjeevani – Parul Mahila Credit Cooperative Society (aimed at empowering women by developing and promoting their financial literacy and management skills).





These initiatives exhibit our commitment to leveraging education as a catalyst for societal transformation, ensuring inclusive growth by engaging with underprivileged communities, schools, international institutions, and government initiatives to foster lifelong learning and empower future generations.

SDG 4 - QUALITY EDUCATION

APNI PATHSHALA

Sakshamthad Foundation has established "Apni Pathshala," a dedicated facility providing essential education to young learners. Our "Apni Pathshala" program playes a pivotal role in teaching and mentoring the enrolled students, ensuring they receive quality education and support. Their hard work and dedication to their education are a source of pride, and we are thrilled to witness them pursue their dreams.

FACTS & FIGURES

No. of Children Enrolled:

25





'KILLOL & GUNJAN' – STREET SCHOOLS

Sakshamthad Foundation, in collaboration with Don Bosco Snehalaya, is proud to announce the establishment of Killol & Gunjan Street Schools. These educational centres have been established to provide high-quality education and academic support to children living in slum areas who are deprived from quality education. We believe that education is a fundamental right and a stepping stone towards a brighter future.





GOVERNMENT SCHEMES FOR GIRLS AND WOMEN PROGRAM

PIET-DS has organized an Event on “Awareness program on government schemes for Girls and Women” in collaboration with Rotary club of Baroda Greens on 8th August 2023.Total 60 Girls and women have participated. We have explained different Government schemes which benefit Girls and women of Kunpad village. The two officers from POST office have also joined us and they have also explained various schemes related to women. We have also motivated girls who left their study to join study and be independent financially by getting benefit of schemes of Gujarat Government.





SUKANYA SAMRUDDHI YOJANA

The Sakshamthad Foundation took proactive steps to encourage parents to establish dedicated funds for their daughters' future education and marriage expenses. This initiative encompassed the widespread promotion and implementation of the Sukanya Samriddhi Yojana, a government-backed scheme, throughout all villages in the Waghodia district. As a direct result of this concerted effort, a significant milestone was reached, with a total of 251 bank accounts successfully opened for girl children.





BAL MILAN

Each year, the Sakshamthad Foundation creates a platform for children from rural schools to showcase their talents, particularly in sports and cultural activities. Our 'Bal Milan' initiative is a crucial component of our efforts to promote and empower underprivileged children to become self-sufficient contributors to society. The event encompasses a diverse range of sports and cultural activities, culminating in the awarding of trophies, momentos, and certificates to well-deserving winners.

FACTS & FIGURES

No. of Schools Involved:	No. of Children Participated:
30	800





KALRAV – ANGANWADI PROJECT

Sakshamthad Foundation has proudly launched the KALRAV - Kit Distribution Program at a nearby Anganwadi centre. This initiative had a dual focus: providing essential kits to children in need and empowering teachers with effective strategies for utilizing these kits to enhance education. Alongside the kit distribution, dedicated training sessions were conducted for teachers to optimize the educational resources.





UDAYAN SHALINIS

The Sakshamthad Foundation is proud to announce its collaboration through a Memorandum of Understanding (MOU) with Udayan Care. This meaningful partnership underscores our commitment to supporting the empowerment and educational aspirations of young girls. We are delighted to report that currently. It's not just a number; it represents the promising futures of the students that have been positively impacted through the Udayan Shalini initiative.

FACTS & FIGURES

No. of Shalinis Enrolled:

17





DR. J. K. PATEL SCHOLARSHIP SCHEME

In memory of Parul University's founder, Dr. Jayesh Patel, on the occasion of his death anniversary, Every year, Sakshamthad Foundation organizes the J.K. Patel Scholarship program. This initiative is designed to provide assistance to students facing financial hardships who aspire to pursue higher education. By extending support to deserving students, we are committed to upholding Dr. Jayesh Patel's legacy and contributing to the creation of a more inclusive and equitable future generation.

FACTS & FIGURES

No. of Children Enrolled:

06









COMPUTER LITERACY PROGRAM AT MADHELI VILLAGE.

Faculty of IT and Computer Science, Parul University had organized the Computer Literacy Programme at Madheli Prathmik Shala to provide foundational knowledge and skills necessary for individuals to comfortably and effectively use computers for daily tasks. The Computer Literacy Programme empowers impoverished students with vital tech skills for a brighter future. Participants can describe the basic components of a computer system and understand their functions. Participants can navigate through different operating systems and perform essential tasks.





VOTER AWARENESS PROGRAM

The event " Mera Pehla Vote Desh ke Liye " aimed to instill a sense of civic responsibility and awareness among first-time voters. Held in collaboration with local educational institutions and community organizations, the event brought together young individuals who were eligible to cast their votes for the first time. The outcome of the event was overwhelmingly positive as it increased Awareness through engaging discussions, workshops, and informational sessions, attendees gained a deeper understanding of the electoral process.





STATIONARY KIT DISTRIBUTION AT JUNA RAAMPURA PRIMARY SCHOOL

Faculty of IT and Computer Science, Parul University had organized the Computer Literacy Programme at Juna Raampura Prathmik Shala to provide foundational knowledge and skills necessary for individuals to comfortably and effectively use computers for daily tasks. The Computer Literacy Programme empowers impoverished students with vital tech skills for a brighter future. Participants can describe the basic components of a computer system and understand their functions. Participants can navigate through different operating systems and perform essential tasks.





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5

GENDER EQUALITY



SDG 5: Gender Equality

Achieving Gender Equality and Empowering All Women and Girls

Executive Summary

Parul University reaffirms its unwavering commitment to Sustainable Development Goal 5, championing gender equality as a cornerstone of its institutional ethos. This reporting period has been marked by significant strides in embedding gender equity across all facets of university life. Through a robust framework of inclusive policies, data-driven monitoring, and targeted empowerment programs, the University has systematically worked to eliminate discrimination, promote women's leadership, and foster a safe, supportive, and equitable environment for all students, faculty, and staff. This report details our multi-pronged strategy and the tangible outcomes achieved in our journey towards becoming a beacon of gender inclusivity in higher education.

Policy for Automated Monitoring and Tracking of Women's Application, Acceptance, and Enrollment Rates

Purpose

Parul University reaffirms its institutional commitment to gender equity, inclusivity, and diversity across all levels of academic engagement. This policy establishes a structured, technology-enabled framework for the automated monitoring and tracking of women's application, acceptance, and enrollment rates through PUMIS (Parul University Management Information System).

Scope

This policy applies to:

- All academic programs (Diploma, Undergraduate, Postgraduate, and Doctoral) offered by Parul University.
- All faculties, institutes, and departments engaged in admissions, enrollment, and academic management.
- Administrative units responsible for institutional data governance and gender inclusivity initiatives.

Objectives

The objectives of this policy are to:

- Establish an automated, data-driven system for continuous monitoring of women's participation across academic programs.
- Ensure evidence-based decision-making for achieving equitable gender representation.
- Identify barriers and implement interventions to promote women's access, acceptance, and enrollment—particularly in underrepresented disciplines such as STEM.

- Facilitate institutional reporting aligned with national and global ranking systems (e.g., THE Impact Rankings and QS Sustainability Rankings).
- Strengthen Parul University's accountability and transparency through data-driven gender equity monitoring.

Policy Framework

Automated System for Monitoring and Tracking through PUMIS:

- The Parul University Management Information System (PUMIS) serves as the central platform for collecting, analyzing, and reporting gender-disaggregated data across all stages of the admissions process—applications, acceptance, and enrollment.
- PUMIS automatically compiles analytics and dashboards highlighting trends in women's participation across faculties and disciplines.
- Real-time data insights support strategic interventions, resource allocation, and policy enhancements aimed at improving gender balance.

Regular Data Collection and Analysis

- Gender-based data are systematically collected, verified, and analyzed each semester through PUMIS.
- The Institutional Research Cell conducts periodic analyses to identify gender disparities, particularly in STEM and leadership programs.
- Findings are shared with the University Leadership Council, WDC, and academic deans to guide corrective measures and program-level interventions.

Periodic Evaluation and Gap Analysis

- A biannual evaluation is conducted to review trends in applications, admissions, and enrollment rates of women students.
- The analysis identifies underrepresented areas and helps in formulating targeted outreach initiatives, mentoring programs, and scholarships.
- The Gender Audit Report, generated through PUMIS, is submitted annually to the Registrar and shared with all academic units.

Campus-Wide Academic and Administrative Audits (AAA)

- Annual Academic and Administrative Audits (AAA) are conducted to identify institutional vulnerabilities that may hinder gender equity.
- The audits assess personal, social, and academic barriers affecting women's participation and retention.
- Findings are used to design remedial actions—such as enhanced mentorship, financial aid, flexible scheduling, and safety measures—to ensure inclusivity and equitable support.

Faculty, Institute, and Department-Level Monitoring

- Each department is responsible for monitoring gender representation and retention at the program level using PUMIS data.
- Departmental Gender Inclusivity Reports are submitted to the Institutional Research Cell for consolidation into the annual Gender Equity Report.
- Faculties are encouraged to implement localized interventions such as career counseling for female students, mentorship programs, and research collaborations aimed at promoting women's participation.

Promoting Gender Representation in Academic and Co-Curricular Domains

- Parul University ensures equitable gender participation not only within academic settings but also in extracurricular, leadership, volunteer, and governance activities.
- Gender representation will be reflected in student councils, academic committees, and leadership training programs.
- These initiatives cultivate leadership, teamwork, and confidence among women students, reinforcing the University's inclusive ethos.

Institutional Mechanisms Supporting Gender Equity

The WDC functions as the central institutional body for advancing gender equality and addressing women's issues. Its core responsibilities include:

- Monitoring gender-disaggregated data from PUMIS and advising on equity interventions.
- Conducting awareness campaigns, seminars, and workshops on women's rights and gender sensitivity.
- Collaborating with national and international bodies to promote best practices in women's empowerment and education.
- Leading advocacy efforts and supporting faculty and student-led gender initiatives.

Accountability and Reporting

- The Registrar's Office oversees the implementation of this policy and ensures that all gender data are accurately captured through PUMIS.
- The WDC is responsible for maintaining a central database and generating periodic reports on gender statistics.
- The WDC shall prepare an Annual Gender Inclusivity and Progress Report, summarizing trends, interventions, and future goals.
- Reports will be presented to the University Leadership Council and published as part of institutional transparency commitments.

Review and Continuous Improvement

This policy shall be reviewed every three years or earlier if required, to align with evolving best practices and institutional priorities. Review processes will include stakeholder consultations, benchmarking with peer institutions, and incorporation of insights from gender audit outcomes. Recommendations arising from data analysis or audits will inform revisions in admissions, outreach, and support programs.

Policy Impact

Through this automated monitoring and data-driven policy framework, Parul University reinforces its leadership as a gender-sensitive, inclusive, and equitable institution. The integration of PUMIS as a monitoring tool ensures transparency, accountability, and continuous progress toward gender parity across all academic domains. By aligning institutional practices with SDG 5 (Gender Equality), this policy supports Parul University's strategic vision of nurturing empowered individuals who drive positive social transformation through knowledge, leadership, and equity.

Monitoring and Tracking Application, Acceptance, and Enrollment Rates

Parul University is deeply committed to fostering inclusivity, equity, and transparency across all stages of student admission and enrollment. To ensure data-driven decision-making and continuous improvement, the University has developed a robust, technology-enabled system for monitoring and tracking application, acceptance, and enrollment rates for all students—irrespective of gender, background, or discipline.

Integrated Monitoring through PUMIS

At the core of this initiative lies the Parul University Management Information System (PUMIS)—an advanced, centralized digital platform that manages and monitors every stage of the student lifecycle, from application and enrollment generation to degree award. PUMIS serves as the institutional backbone for data integration, analysis, and reporting, providing real-time visibility into enrollment patterns and institutional performance indicators.

PUMIS Link: https://ums.paruluniversity.ac.in/Login.aspx

Through PUMIS, the University systematically captures and analyses data across the following stages:

• **Application Tracking:** All applications submitted through the University's admission portal are automatically recorded in PUMIS, allowing continuous monitoring of applicant demographics, program preferences, and trends across academic disciplines.
• **Acceptance and Admission:** The system records admission offers, acceptance rates, and yield ratios, enabling comprehensive analysis of student selection and diversity patterns.
• **Enrollment Monitoring:** Once admitted, students' enrollment data are seamlessly integrated within PUMIS, ensuring accurate tracking of enrollment confirmations, withdrawals, and retention indicators.
• **Progress and Degree Award:** PUMIS further monitors students' academic progression, performance, and graduation outcomes, thus providing end-to-end oversight of the entire academic journey.

This automated system ensures accuracy, transparency, and consistency in institutional reporting and supports evidence-based decision-making for admissions, resource allocation, and student success initiatives.

Dedicated Admissions Website for Streamlined Applications

Parul University maintains a separate, dedicated admissions website

https://paruluniversity.ac.in/master_2026

designed to facilitate a seamless and user-friendly application experience for prospective students.

This platform functions as the official gateway for:

• Submitting online applications for all programs

• Accessing program-specific eligibility and fee details

• Tracking application status and updates

• Receiving automated communication and admission notifications

Data from this website directly syncs with PUMIS, ensuring centralized data integrity, real-time updates, and analytical consistency across all departments and programs. The integration between the admission portal and PUMIS supports comprehensive monitoring of application-to-enrollment conversion rates, enabling the University to identify and address any disparities or drop-offs across programs or student groups.

Data Analysis, Institutional Reporting, and Policy Development

Regular data collection and analysis from PUMIS inform institutional strategies for enhancing student access, inclusivity, and retention.

The University's Institutional Research and Quality Assurance divisions periodically prepare detailed reports that provide insights into:

• Application trends by program, region, and demographic background

• Acceptance and yield patterns

• Enrollment statistics and diversity representation

• Program-level equity gaps and improvement areas

These reports guide University leadership in policy formulation, outreach planning, and targeted scholarship initiatives to strengthen participation and ensure equitable opportunities across disciplines, including underrepresented areas such as STEM, law, and management.

Continuous Monitoring and Improvement

To ensure sustainability and relevance, Parul University regularly reviews and refines its monitoring mechanisms. The University employs:

• Periodic data audits to ensure system accuracy and compliance

• Faculty- and department-level monitoring to address discipline-specific trends

• Strategic interventions such as awareness campaigns, counseling, and bridge programs to improve access and participation for all groups.

By integrating PUMIS analytics with admission portal data, Parul University sustains a holistic, transparent, and accountable framework for monitoring access and participation at every stage—from the first application to degree completion.

Monitoring and Tracking Women's Application, Acceptance, and Enrollment Rates

Tracking access measures

Parul University is firmly committed to fostering gender inclusivity and diversity across all academic levels. To uphold this commitment, the University has implemented a comprehensive, data-driven system for measuring and monitoring women's application, acceptance, and enrollment rates across all academic programs through PUMIS. This initiative forms a key component of our mission to cultivate an inclusive learning environment—one where individuals of all genders have equitable access to opportunities for personal, academic, and professional growth.

Our approach includes:

- **Regular Data Collection and Analysis**: Gender-disaggregated data are systematically collected at every stage of the admissions process through PUMIS to identify gaps in representation, particularly within underrepresented fields such as STEM. This analysis supports the development of interventions to promote gender balance.
- **Holistic Institutional Reporting**: Detailed internal reports provide university leadership with insights into gender inclusivity across faculties and departments. These reports guide continuous improvement strategies aimed at achieving equitable participation and representation.
- **Strategic Policy Development**: Data insights directly inform the formulation of admissions policies, outreach initiatives, and gender-specific scholarship programs designed to enhance women's participation across disciplines.
- **Ongoing Monitoring and Adjustment**: Parul University consistently reviews and refines its gender equity strategies to ensure their continued relevance, effectiveness, and responsiveness to emerging challenges.

Through these measures, **Parul University** reaffirms its commitment to promoting **gender equity**, creating a diverse, inclusive, and vibrant academic community that prepares students for leadership roles in a global and interconnected society.

Parul University (PU) adopts key initiatives to promote gender inclusivity through the following measures:

In alignment with its core values of equity and diversity, Parul University implements a range of targeted measures to ensure that women have equitable access to academic programs and are empowered to succeed at every stage of their educational journey. These initiatives are

informed by comprehensive data analysis, periodic evaluations, and well-structured support systems that collectively remove barriers to women's participation and enhance inclusivity.

Key Measures to Achieve Gender Inclusivity

1. **Periodic Evaluation and Gap Analysis**: The University conducts regular evaluations of gender-based data on applications, admissions, and enrollments. This systematic analysis helps identify disparities and informs timely interventions to address them. By proactively recognizing and eliminating such barriers, Parul University maintains a sustained commitment to gender balance and inclusivity across all academic programs.
2. **Campus-Wide Needs Assessments and Vulnerability Mapping**: To ensure a nurturing and equitable learning environment, Academic and Administrative Audits (AAA) are conducted annually to identify vulnerabilities that may hinder student progress. These audits encompass personal, social, and academic factors, recognizing the unique challenges faced by individuals of different genders. The findings guide the design of targeted support mechanisms that enable all students—particularly women—to thrive academically and personally.
3. **Faculty, Institute and Department-Level Monitoring**: Each faculty, institute, and department plays an active role in monitoring gender trends in admission and retention outcomes. This decentralized, program-level oversight allows for a more nuanced understanding of gender disparities, especially in traditionally male-dominated disciplines. Such localized monitoring enables the implementation of tailored strategies to strengthen women's participation and retention across all fields of study.
4. **Gender Representation in Classroom and Extracurricular Activities**: Parul University ensures gender representation not only within classrooms but also in extracurricular, leadership, volunteer, and decision-making roles. By providing equitable opportunities for participation and leadership in both academic and co-curricular contexts, the University nurtures a culture of inclusion and empowers all students to develop confidence, leadership skills, and a sense of belonging.

Promoting Women's Rights and Addressing Gender Issues

To advance the cause of gender equality, Parul University has established a Women Development Cell, dedicated to promoting women's rights and addressing critical gender-related issues in contemporary society.

- **Promoting Gender Equality and Ethical Considerations**: The Cell emphasizes gender justice and ethical considerations, fostering awareness of gender and sexuality issues while advocating for fairness and equality in all aspects of life.
- **Research and Advocacy**: The Cell undertakes research and documentation on women's issues across domains such as education, healthcare, law, and governance. The outcomes of these studies inform advocacy efforts and policy recommendations that support women's empowerment.
- **Awareness and Education**: Through workshops, seminars, and public engagement programs, the Cell sensitizes diverse stakeholders—students, faculty, policymakers, and the community—about gender dynamics and evolving societal expectations. These

efforts are instrumental in addressing the multifaceted challenges faced by women in modern India.

- **Building a Gender-Sensitive Institution**: By fostering collaboration across departments and partnering with external organizations, the Cell serves as a hub for dialogue, research, and policy formulation on gender issues. It strengthens Parul University's position as a leader in promoting gender sensitivity within higher education.

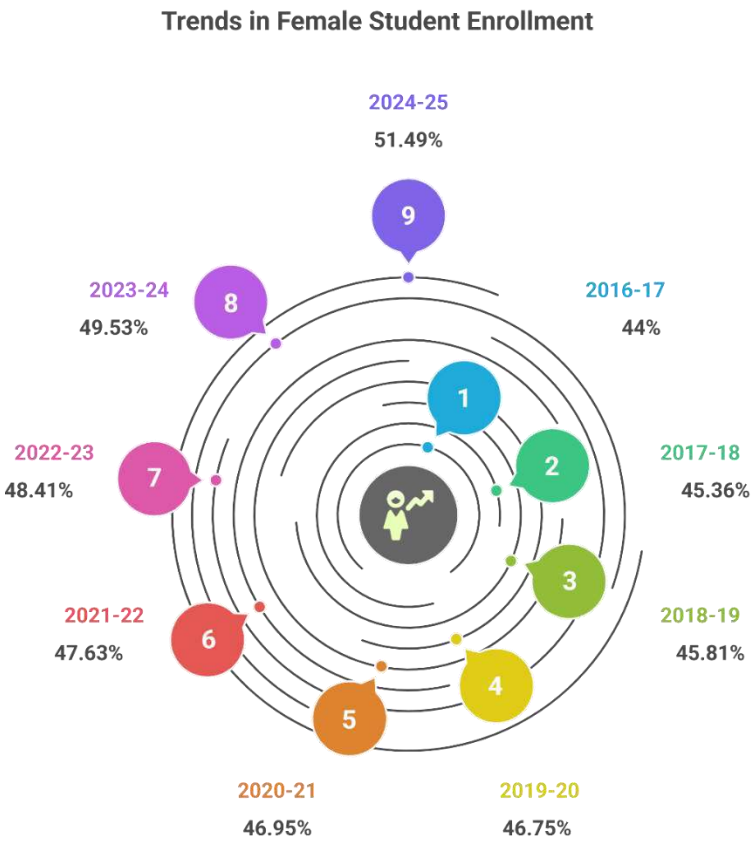
Through these comprehensive strategies and sustained initiatives, Parul University demonstrates a profound commitment to gender inclusivity and equal opportunity. By empowering women through access, participation, and leadership development, the University not only enriches the educational experience but also cultivates future leaders who champion equality, compassion, and social responsibility in every sphere of life.

PUMIS: Automated Monitoring and Tracking System for Students and Staff

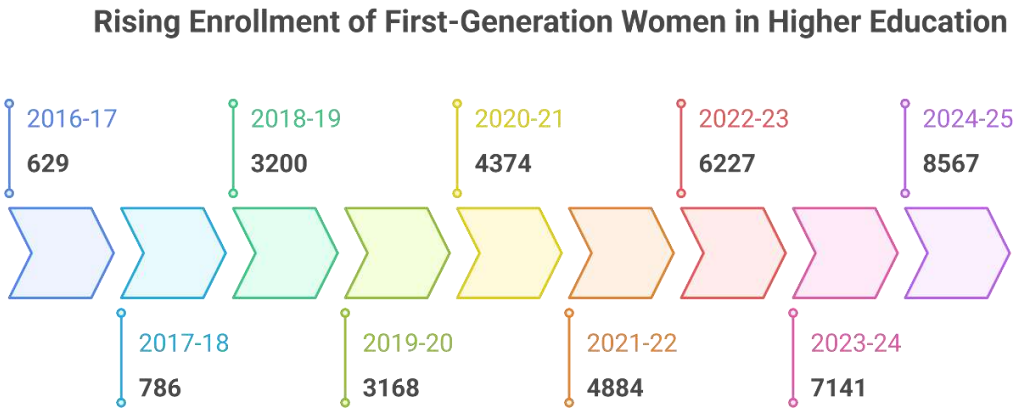




The outcomes of the initiatives implemented by Parul University to increase the percentage of women applicants and enrollments are detailed below:



Trend Analysis of the Number of First-Generation Women Starting a Degree:



Women's access schemes, including mentoring, scholarships, or other provision

Parul University is dedicated to fostering an inclusive and empowering environment for women by providing a wide range of access schemes, scholarships, and mentoring programs. These initiatives are aimed at increasing women's participation in higher education, ensuring financial support, and providing mentorship to help them excel in their academic and professional journeys.

1. **Mentoring and Support Programs for Women**

Parul University offers a variety of mentoring and support programs to enhance the academic and personal development of women students:

- **Academic Mentoring**: Female students are paired with faculty mentors who provide guidance on academic goals, career planning, and skill development.
- **Leadership and Career Development Workshops**: Special workshops are conducted for women students to develop leadership skills, professional etiquette, and career-readiness.
- **Women's Leadership Initiative**: This program encourages women to take on leadership roles in student organizations, clubs, and community service projects.

2. Women's Scholarships and Financial Aid Programs

Recognizing the financial barriers that many women face in pursuing higher education, Parul University offers a range of scholarships to support deserving female students across different backgrounds and disciplines.

A. UNIVERSITY SCHOLARSHIP (OUTSTATE)

This scholarship is designed to provide financial assistance to female students from outside the state who wish to pursue their education at Parul University. It covers a portion of tuition fees and helps reduce the burden of relocating and living expenses for out-of-state female students.

B. UNIVERSITY SCHOLARSHIP (MERIT / ACADEMIC PERFORMANCE / CGPA)

This merit-based scholarship is awarded to women students who have demonstrated outstanding academic performance. It encourages academic excellence by providing scholarships based on high CGPA scores or top ranks in entrance exams. This helps recognize and support female students who excel academically.

C. UNIVERSITY SCHOLARSHIP (ALUMNI)

The Alumni Scholarship is aimed at female students who are children or relatives of Parul University alumni. It strengthens the connection between alumni and the university, while also providing financial support for women to pursue their studies. This scholarship honors the legacy of alumni by facilitating educational opportunities for the next generation of women students.

D. UNIVERSITY SCHOLARSHIP (GENERAL)

This general scholarship is available to women students based on a combination of factors, such as financial need and academic potential. It is open to a wide range of female applicants and serves as a foundational support mechanism to encourage women from all walks of life to access higher education.

E. UNIVERSITY SCHOLARSHIP (CULTURAL)

Parul University recognizes the importance of cultural diversity and artistic talent among its students. The Cultural Scholarship is awarded to female students who demonstrate exceptional

talent in the arts, music, dance, or other cultural activities. This scholarship supports women who contribute to the university's cultural life while pursuing their academic goals.

F. UNIVERSITY SCHOLARSHIP (DEFENCE)

This scholarship is designed for the daughters of defence personnel. It provides financial aid to women from families serving in the armed forces, recognizing their unique sacrifices and ensuring that they have access to quality education without financial constraints.

G. UNIVERSITY SCHOLARSHIP (HOSTEL)

The Hostel Scholarship supports women who require on-campus accommodation, particularly those from distant locations or underprivileged backgrounds. It provides a waiver on hostel fees, making it easier for women students to live and study at Parul University without worrying about housing costs.

H. UNIVERSITY SCHOLARSHIP (SPORTS)

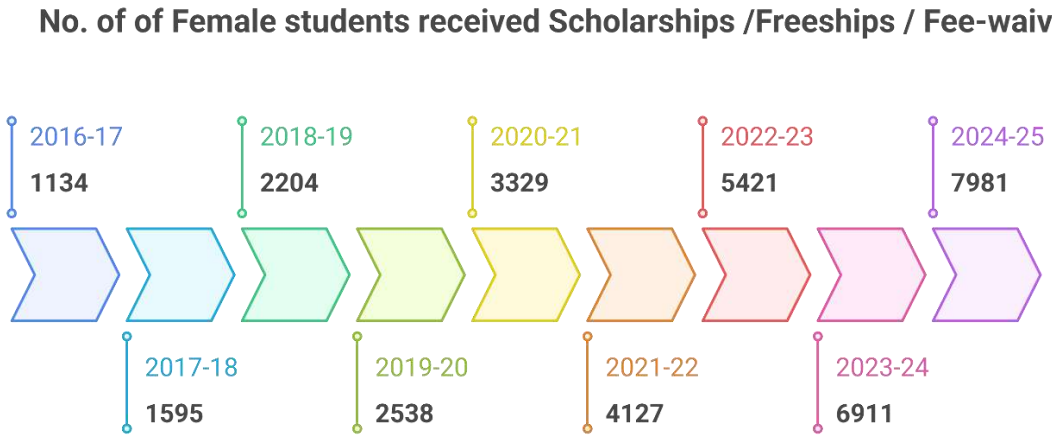
For women excelling in sports, the Sports Scholarship provides financial support to those who have demonstrated outstanding achievements in athletics, whether at the national, state, or university level. This scholarship is designed to encourage women athletes to continue their education while pursuing their passion for sports.

I. UNIVERSITY SCHOLARSHIP (Ph.D.)

Parul University is committed to advancing research and knowledge, especially among women scholars. The Ph.D. Scholarship is awarded to women pursuing doctoral studies across various disciplines. This scholarship helps support female researchers, providing them with the financial means to conduct high-quality research and contribute to their field of expertise.

Link: https://paruluniversity.ac.in/scholarship

The outcomes of the initiatives undertaken by PU to increase the number of female students receiving scholarships, free-ships, fee-waivers, and other support schemes are outlined below:



Various Women's Access Schemes Implemented by Parul University to Support Female Faculty in Advancing Higher Education and Professional Growth:

1. **Higher Education Sponsorship Program**
    - This program offers financial assistance to female faculty members pursuing advanced degrees, including PhDs, postgraduate diplomas, and specialized certifications.
    - Sponsorship includes tuition support, book allowances, and partial salary coverage for faculty members studying part-time while working at the university.
2. **Educational Leave and Sabbatical Support**
    - Parul University has introduced a structured educational leave policy that allows female faculty members to take time off for academic pursuits.
    - Sabbaticals are provided for degree or certification completion, with options for partially or fully paid leave to support faculty members' uninterrupted focus on their studies.
3. **Faculty Research and Development Grants**
    - Parul University provides targeted grants for female faculty to initiate research, collaborate on interdisciplinary projects, or pursue specialized training programs.
    - These research grants cover costs related to data collection, travel, publishing fees, and necessary resources to facilitate impactful academic contributions.
4. **Global Exchange and Fellowship Opportunities**
    - Female faculty members have access to international fellowship programs through partnerships with global institutions.
    - These fellowships cover travel and living expenses, providing a unique opportunity for female faculty to engage with leading scholars, participate in research, and gain global perspectives in their fields.
5. **Conference and Seminar Funding**
    - The university offers grants specifically for attending national and international conferences and seminars, enabling female faculty members to present their research, build networks, and stay updated on recent academic trends.
    - Funding for travel, accommodation, and registration is included, making these opportunities accessible for faculty members at all levels.
6. **Mentorship and Networking Initiatives**
    - Parul University has developed a mentorship program connecting female faculty with senior scholars or industry experts who can offer guidance on research, teaching methodologies, and career progression.

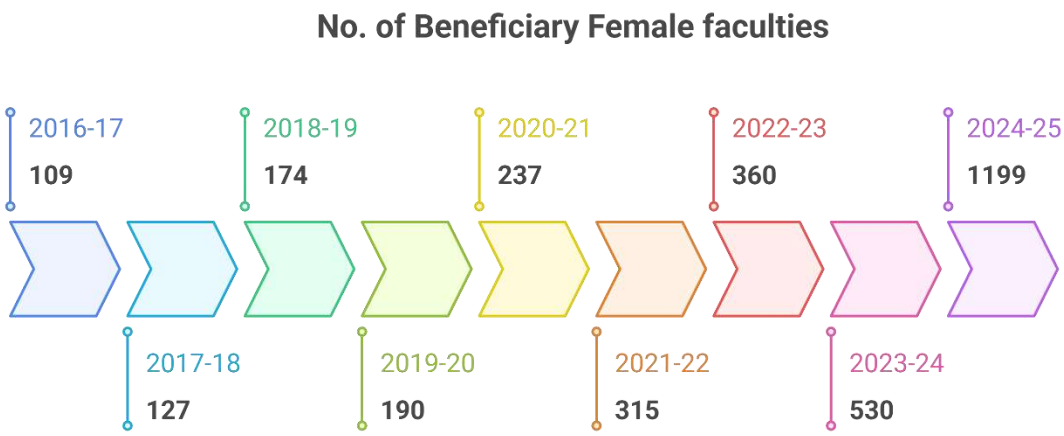
- Periodic networking events and workshops foster a collaborative academic environment, supporting female faculty in accessing valuable connections and opportunities.

7. **Professional Development Workshops**
    - Regular workshops on leadership, pedagogy, and research methodologies are conducted to prepare female faculty for administrative roles, academic publications, and effective teaching.
    - Certificates earned from these workshops are recognized for career advancement, making them an integral part of professional growth at Parul University.
8. **Childcare Support and Work-Life Balance Initiatives**
    - To support female faculty in balancing professional growth and family commitments, Parul University offers on-campus childcare facilities.
    - Additional support, such as flexible hours, remote work options, and wellness programs, ensures that female faculty can pursue higher education without compromising their well-being.
9. **Special Awards and Recognition for Academic Excellence**
    - The university provides awards to honor female faculty for their achievements in research, teaching excellence, and contributions to the academic community.
    - Recipients receive financial incentives or additional research funding, celebrating and motivating female faculty in their efforts toward higher education and professional development.
10. **Professional Networking and Alumni Association**
    - Parul University has established a professional network and alumni association specifically for female faculty to connect with past scholars, industry experts, and alumni who have successfully advanced in academia.
    - This network serves as a resource for mentorship, industry connections, and collaborative research projects, empowering faculty members with expanded career possibilities.

These initiatives position Parul University as a leader in advancing gender equity and academic excellence for female faculty members, contributing to a more inclusive and progressive academic community.

Link: https://paruluniversity.ac.in/women-development-cell

The number of female faculty members who received benefits from the various women's access schemes is shown below:



Women's application in underrepresented subjects

Parul University offers various initiatives to encourage applications from women in underrepresented subjects:

1. Targeted Outreach Programs in Schools and Colleges

- Conduct information sessions and workshops in schools and colleges, focusing on underrepresented fields such as engineering, computer science, and physics.
- Female alumni and faculty in these fields can lead sessions to inspire young women and share insights about career prospects, mentorship, and university support.

2. Scholarship Programs for Underrepresented Fields

- Establish scholarships specifically for women enrolling in underrepresented subjects to reduce financial barriers.
- These scholarships can be widely promoted through digital platforms, school partnerships, and career fairs, ensuring increased awareness among young women considering these fields.

3. Collaborations with NGOs and Government Programs

- Partner with NGOs and government initiatives that advocate for women's education to create programs promoting careers in underrepresented fields.
- Joint initiatives could include mentoring programs, preparatory courses, or counseling services tailored to female students interested in STEM or similar areas.

4. Female Faculty and Student Ambassadors Program

- Create an ambassador program with female faculty and senior students in underrepresented subjects to provide mentorship, answer questions, and offer support to incoming female students.
- Ambassadors can also represent the university in school visits, career fairs, and community events to raise awareness and encourage applications.

5. Community-Based Awareness Campaigns

- Conduct campaigns within the local community, using social media, posters, and community events to highlight successful women in underrepresented fields at Parul University.
- The campaign could include stories of female faculty and students who have excelled in these fields, showcasing the impact and importance of pursuing such careers.

6. Skill-Building Workshops and Summer Camps

- Offer free or subsidized workshops and summer camps for high school girls interested in fields like engineering, technology, and other underrepresented subjects.
- These programs can introduce foundational skills, hands-on projects, and interactions with female role models, sparking interest and building confidence.

7. Partnerships with Industry for Internships and Career Pathways

- Collaborate with companies that prioritize diversity to create internships and career development programs for women in underrepresented fields.
- Such partnerships can provide female students with access to practical experience, mentorship, and career opportunities, encouraging more applications.

8. National and Regional Campaigns in Collaboration with Other Universities

- Partner with other universities in national or regional campaigns promoting women's participation in underrepresented subjects, pooling resources and expanding reach.
- Campaigns could include virtual events, panel discussions with successful women in STEM, and regional scholarships.

9. Parental Engagement and Awareness Initiatives

- Organize events and informational materials aimed at parents, highlighting the benefits and career prospects in underrepresented subjects for their daughters.
- These initiatives could help address cultural barriers and build family support for young women pursuing unconventional academic paths.

10. Women in Underrepresented Fields Scholarship Fundraising Campaign

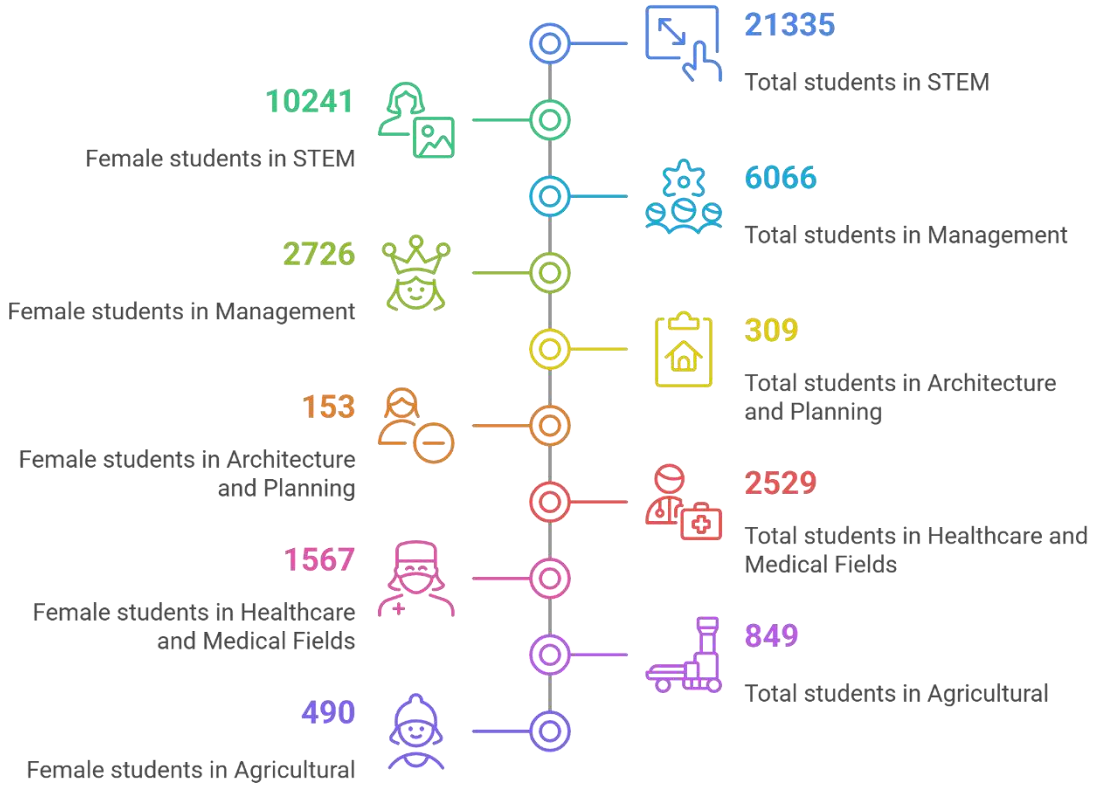
- Launch a scholarship fundraising campaign to provide ongoing financial support to female students in underrepresented fields.
- Through collaboration with alumni and corporate sponsors, Parul University could ensure sustainable funding for these scholarships, supporting long-term outreach and recruitment efforts.

These initiatives would not only encourage women to apply in underrepresented fields but also build a supportive environment to help them thrive academically and professionally.

OUTCOMES:

Female students' enrolled details in underrepresented subjects for the Academic Year 2024-25:

Female students' enrolled details in underrepresented subjects for the Academic Year 2024-25:



Details of Various Initiatives:

1) https://paruluniversity.ac.in/women-development-cell
2) https://paruluniversity.ac.in/global-partnerships
3) https://paruluniversity.ac.in/inbound-exchange
4) https://paruluniversity.ac.in/outbound-exchange
5) https://paruluniversity.ac.in/erasmus-mobility
6) https://paruluniversity.ac.in/outreach-activities-events
7) https://paruluniversity.ac.in/collaborative-research
8) https://paruluniversity.ac.in/virtual-programs#
9) https://www.paruluniversity.ac.in/study-abroad
10) https://www.paruluniversity.ac.in/visiting-professors
11) https://paruluniversity.ac.in/placement-cell

Policy of Non-Discrimination Against Women

Preamble

Parul University reaffirms its unwavering commitment to promoting gender equality and creating an inclusive academic environment where women enjoy equal rights, opportunities, and respect in all aspects of university life. The University recognizes that the empowerment of women is a cornerstone of social progress, institutional excellence, and sustainable development. This Policy of Non-Discrimination Against Women seeks to eliminate all forms of direct and indirect discrimination and ensure full participation, representation, and advancement of women across teaching, research, employment, governance, and community engagement.

Objectives

Ensure Equal Opportunities: Guarantee equal access for women to all academic, administrative, and professional opportunities, including admission, employment, promotion, research, and leadership.

Eliminate Discrimination and Harassment: Prevent, address, and eliminate all forms of gender-based discrimination, bias, harassment, or victimization within the university.

Promote Women's Participation and Leadership: Encourage the active participation of women in governance, decision-making, academic research, and institutional leadership roles.

Ensure Safety, Dignity, and Respect: Foster a safe, respectful, and supportive campus environment free from gender-based violence, exploitation, or intimidation.

Support Women's Advancement: Provide mentoring, counselling, and professional development opportunities to support women's academic and career growth.

Uphold Fair Employment and Work-Life Balance: Ensure equitable recruitment, pay, maternity benefits, parental leave, and flexible working arrangements consistent with global and national standards.

Scope

This policy applies to all members of the Parul University community, including students (diploma, undergraduate, postgraduate, and doctoral), faculty members, administrative and support staff, contractual and visiting professionals, and external stakeholders participating in university activities.

Policy Provisions

1. Non-Discrimination Commitment

No woman shall be discriminated against on the basis of gender in any academic, employment, or administrative process.

All policies and procedures shall ensure gender-neutral language and equitable practices.

Admission, recruitment, and promotion decisions shall be merit-based and free from conscious or unconscious bias.

2. Recruitment, Employment, and Career Progression

Equal opportunity in hiring, compensation, and advancement shall be maintained for all women employees.

Representation of women shall be encouraged on recruitment panels and decision-making committees.

The University shall promote fair and transparent mechanisms for performance evaluation and promotion.

3. Learning, Teaching, and Research Environment

Academic and research opportunities shall be open equally to all genders.

Curriculum and pedagogy shall promote gender sensitivity and awareness.

Special research grants and mentorship programs shall be encouraged for women in underrepresented disciplines, especially STEM fields.

4. Safety, Security, and Well-being

The University shall ensure a zero-tolerance policy toward sexual harassment and gender-based violence.

The Internal Complaints Committee (ICC) shall operate as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

Regular gender-sensitization workshops, self-defence programs, and safety audits shall be conducted.

5. Maternity, Parental, and Childcare Support

Women employees shall be entitled to maternity leave and related benefits as per legal provisions.

Parental leave and flexible working arrangements shall be made available to balance professional and family responsibilities.

The University shall provide access to on-campus childcare facilities or associated support systems where possible.

6. Mentorship and Professional Development

Dedicated Women's Mentoring and Leadership Schemes shall be established to support women's academic and professional advancement.

Periodic training and workshops shall focus on leadership skills, research capacity-building, and networking opportunities for women.

7. Grievance Redressal and Reporting Mechanism

Women shall have access to safe, confidential, and impartial grievance mechanisms.

Retaliation against any woman reporting discrimination or harassment is strictly prohibited.

The University shall ensure timely investigation and resolution of all complaints.

8. Monitoring, Evaluation, and Accountability

A Gender Equality and Non-Discrimination Committee (GENC) shall oversee the implementation of this policy.

Periodic audits and gender-disaggregated data analysis shall be conducted to evaluate progress.

Annual reports shall be published detailing initiatives, progress, and outcomes related to gender equality.

Monitoring and Review

The policy shall be reviewed every three years or earlier as needed to align with new legislation, UGC guidelines, or international best practices. Recommendations for revisions shall be made by the Gender Equality and Non-Discrimination Committee and approved by the University Administration.

Policy Implementation Details:

- **Policy Created:** July 15, 2020
- **Policy Reviewed:** April 18, 2024
- **Policy Revised:** May 31, 2024

Policy for Non-Discrimination Against Transgender Individuals

Purpose

Parul University is proud to affirm its commitment to an inclusive environment that honors the dignity and rights of all individuals, regardless of their gender identity or expression. This policy effectively prevents discrimination against transgender individuals and promotes equal opportunities throughout the university community.

Scope

This policy applies universally to all members of the Parul University community, including students, faculty, staff, and visitors, encompassing all university activities, programs, and services.

Definition of Terms

- **Transgender:** Individuals whose gender identity differs from the sex they were assigned at birth.
- **Gender Identity:** A person's intrinsic sense of their gender, which may be male, female, a combination of both, neither, or another identity altogether.
- **Gender Expression:** The outward presentation of gender, including behavior, clothing, hairstyles, and voice.

- **Discrimination:** Any unjust or prejudicial treatment based on an individual's gender identity or expression.

Policy Statement

Parul University prohibits any discrimination, harassment, or retaliation against individuals based on gender identity or expression. This prohibition extends to:

- Admission and enrollment practices
- Academic and professional evaluations
- Employment practices
- Access to university facilities and services

Rights and Responsibilities

- **Rights of Transgender Individuals:**
    - The right to self-identify their gender and have that identity respected.
    - The right to access facilities that correspond with their gender identity.
    - The right to participate in university programs and activities without fear of discrimination or harassment.
- **Responsibilities of the University Community:**
    - All university members are expected to treat transgender individuals with respect and dignity.
    - Faculty and staff are responsible for fostering an inclusive environment and addressing discriminatory behavior.

Access to Facilities

Parul University has successfully implemented accessible facilities for transgender individuals, including:

- Gender-neutral restrooms in all campus buildings.
- Policies enabling individuals to use restrooms corresponding to their gender identity.

Name and Gender Marker Changes

Transgender individuals can request changes to their name and/or gender marker in university records through a clear and accessible process. Parul University respects and uses the chosen names and pronouns of transgender individuals in all communications and official documents.

Training and Education

Mandatory training programs have been successfully implemented for faculty, staff, and students, focusing on issues related to gender identity, inclusion, and non-discrimination. Educational resources promoting awareness and understanding of transgender issues are available to the entire university community.

Reporting and Grievance Procedures

Parul University has established clear procedures for reporting incidents of discrimination or harassment against transgender individuals. Individuals who feel they have been subjected to discrimination are encouraged to report their concerns to designated university officials, assured of protection against retaliation. All reports are taken seriously, investigated promptly, and treated with confidentiality.

Support Services

Parul University provides accessible support services for transgender individuals, including counselling, mental health resources, and advocacy. Collaborations with local LGBTQ+ organizations enhance the support and resources available.

Policy Review and Accountability

The policy undergoes annual reviews to assess its effectiveness and make necessary updates. The university maintains transparency regarding its efforts and outcomes in promoting the rights of transgender individuals.

Communication of the Policy

The policy is widely disseminated across the university community through orientations, handbooks, and the university website. Clear information on accessing resources, reporting discrimination, and seeking support is provided.

Maternity & Paternity Leave Policy

Objective

Parul University is committed to creating a supportive work environment that values and respects the responsibilities of parenthood. This policy aims to provide equitable leave provisions for new mothers and fathers, supporting their health and well-being while ensuring a smooth transition back to work. The policy promotes gender equality and parental engagement, encouraging both parents to take active roles in early child care.

Scope

This policy applies to all full-time, part-time, and contractual employees, including teaching and non-teaching staff, at Parul University.

Maternity Leave Provisions

- **Eligibility**: Female employees who have completed at least six months of continuous service are eligible for maternity leave.
- **Duration**:
    - Female employees are entitled to 26 weeks of paid maternity leave, as per the Maternity Benefit Act of India. This includes leave taken before and after childbirth, with a maximum of 8 weeks prior to the expected date of delivery.
    - In the case of a miscarriage or medical termination of pregnancy, up to 6 weeks of paid leave will be granted.

- **Additional Benefits**:
    - Female employees returning from maternity leave have the option for a flexible work arrangement for an additional six months to support the transition back to work.
    - On-campus child care services are available for staff members, along with lactation rooms and nursing facilities.
- **Job Protection**: Job security is assured for employees during their maternity leave, and employees will be reinstated to their former positions or equivalent roles upon returning to work.

Paternity Leave Provisions

- **Eligibility**: Male employees who have completed at least six months of continuous service are eligible for paternity leave.
- **Duration**: Male employees are entitled to 15 days of paid paternity leave, which can be taken within six months following the birth or adoption of a child.
- **Additional Support**:
    - Male employees have the option for flexible working hours within the first three months after their return to work to support family and parental responsibilities.
- **Job Security**: The same job protection applies to paternity leave as for maternity leave, ensuring the employee's role is secure during and after the leave period.

Adoption and Surrogacy Leave

- **For Female Employees**: Employees adopting a child below the age of 12 months or welcoming a child through surrogacy are eligible for 12 weeks of maternity leave.
- **For Male Employees**: Paternity leave provisions apply equally in cases of adoption or surrogacy.

Flexible Work Arrangements

- Upon returning from maternity or paternity leave, employees may request flexible work options, including part-time work, work-from-home arrangements, or modified work hours, subject to department approval.
- Flexibility requests are encouraged to support the transition back to work, improve employee well-being, and help balance family and professional responsibilities.

Parental Leave in Cases of Special Needs

- Additional leave or flexible working arrangements may be granted to parents of children with special needs, including medical conditions or disabilities, to enable parents to provide necessary care.

Application Process

- Employees are required to submit a written application to Human Resources at least eight weeks before the expected leave date for maternity leave and four weeks for paternity leave.
- Documentation, including a doctor's certificate or proof of expected delivery date, may be requested for approval of maternity leave.

Return-to-Work Support

- Parul University provides return-to-work guidance and reintegration support for employees after maternity or paternity leave. This includes one-on-one meetings, reorientation sessions, and regular check-ins to ensure a smooth transition back to work.
- Employees may request additional training or skill development if they feel they require support in readjusting to their roles.

Non-Discrimination and Equal Opportunity

- All employees, regardless of gender, are encouraged to use the leave entitlements without fear of discrimination, bias, or negative impact on their career progression.
- Supervisors and team members are expected to respect the privacy and needs of new parents, fostering a positive work environment free of discrimination.

Review and Update of Policy

- This policy will be reviewed annually and may be updated based on changes in labor laws, institutional goals, and employee needs.
- Suggestions and feedback from employees on how to improve parental support will be actively encouraged to create an optimal work-life balance for all staff.

This policy demonstrates Parul University's dedication to supporting its employees in achieving a fulfilling work-life balance, recognizing the importance of both parents' roles in early child-rearing, and fostering an inclusive, family-friendly workplace.

Policy for Free-of-Cost Daycare Facilities

Purpose

This policy reaffirms Parul University's commitment to supporting the holistic well-being of its community members by providing accessible, safe, and nurturing daycare facilities—completely free of cost. The daycare aims to empower students, faculty, and staff to balance their professional, academic, and personal responsibilities without financial or caregiving barriers.

Scope

This policy applies to all students, faculty, and staff of Parul University who are primary caregivers of children requiring daycare services.

Policy Statement

Parul University proudly offers free daycare facilities on campus to:
• Ensure children receive quality care, safety, and early childhood development opportunities.

• Enable parents to pursue academic and professional goals without compromising caregiving responsibilities.
• Promote gender equality and inclusivity by addressing childcare barriers—particularly for women and single parents.
• Foster a family-friendly campus environment that supports work–life and study–life balance.

Objectives

The daycare facility aims to:
• Provide a safe, inclusive, and nurturing environment for children.
• Maintain qualified caregivers and uphold high standards in early childhood education and care.
• Offer flexible and cost-free childcare aligned with academic and work schedules.

Eligibility and Enrollment

• **Eligible Members:** All full-time students, faculty, and staff of Parul University with children aged six months to five years are eligible for free daycare services.
• **Enrollment Process:** Interested members must complete a simple application process with relevant documentation proving eligibility.
• **Cost:** The daycare services are completely free of charge for all eligible members.

Facilities and Safety Standards

The daycare facility will:
• Offer a child-friendly, secure, and stimulating environment with age-appropriate learning and play materials.
• Follow stringent safety and hygiene protocols, including secure entry systems, child-proofed spaces, and fire safety measures.
• Undergo regular inspections to ensure compliance with all health and safety standards.

Operational Guidelines

• **Hours of Operation:** Monday to Saturday, from 8:00 AM to 8:00 PM, accommodating the diverse schedules of students, faculty, and staff.
• **Capacity and Ratio:** Maintain optimal caregiver-to-child ratios to ensure personalized attention.
• **Supervision and Staffing:** All staff will be qualified in early childhood education or care and trained in first aid, child safety, and developmental practices.

Health and Wellness Standards

The daycare will ensure:
• Daily health checks for children and caregivers.
• Compliance with immunization and health record requirements.
• A well-defined emergency response plan and parental consent for urgent medical care.

Curriculum and Activities

The daycare will provide a developmentally appropriate curriculum that encourages holistic growth through:
• Storytelling, creative arts, and early learning programs.
• Outdoor play, music, and interactive activities.

• Social, cultural, and emotional development through inclusive group engagements.

Confidentiality and Data Protection

• All child and family data will be handled with strict confidentiality.
• Records on health, emergency contacts, and development will be accessible only to authorized personnel and parents.

Parental Engagement and Feedback

• Regular updates will be provided to parents about their child's activities and progress.
• Bi-annual meetings will allow parents to discuss programs, share feedback, and suggest improvements.
• A feedback and suggestion mechanism will be in place for continuous enhancement.

Accessibility and Inclusivity

• The daycare will ensure inclusive access for children with diverse developmental or physical needs.
• Provide reasonable adjustments and special resources as required.
• Maintain a culturally sensitive and welcoming environment for children from all backgrounds.

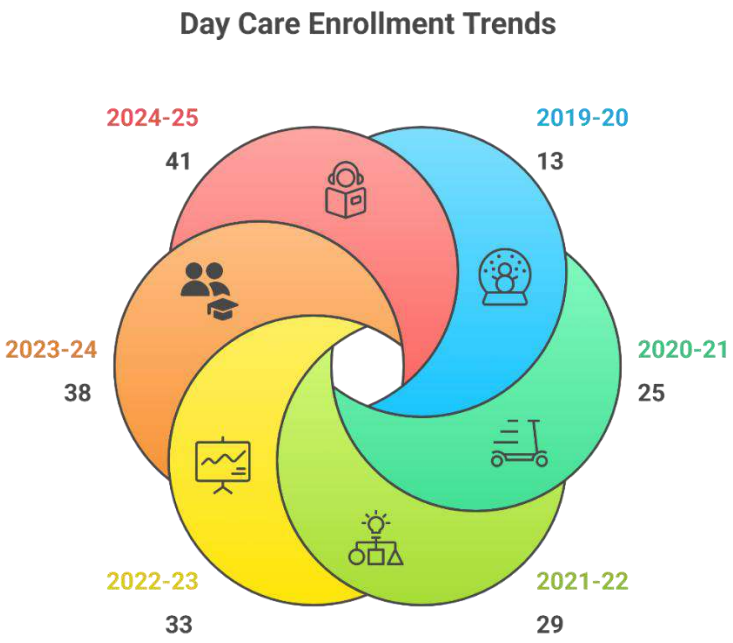
Communication of the Policy

• The policy will be available on the university's website and published in student, faculty, and staff handbooks.
• Orientation sessions will include information about the daycare facility and its free services.

Policy Implementation Details

• Policy Created: July 15, 2020
• Policy Reviewed: April 18, 2024
• Policy Revised: May 31, 2024

Details of student's enrollment in Daycare Facilities:



Glimpses:


GOOD NEWS
GPS Map Camera
Vadodara, Gujarat, India
Limda Lake Rd, Gujarat 391760, India
Lat 22.288044°
Long 73.365798°
11/12/23 10:49 AM GMT +05:30
Google


GPS Map Camera
GIDC, Gujarat, India
79V9+24, GIDC, Gujarat 391760, India
Lat 22.293219°
Long 73.367172°
11/12/23 01:37 PM GMT +05:30
Google




MNCU
KMC ROOM
GPS Map Camera
Vadodara, Gujarat, India
Limda Lake Rd, Gujarat 391760, India
Lat 22.288044°
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11/12/23 10:49 AM GMT +05:30
Google





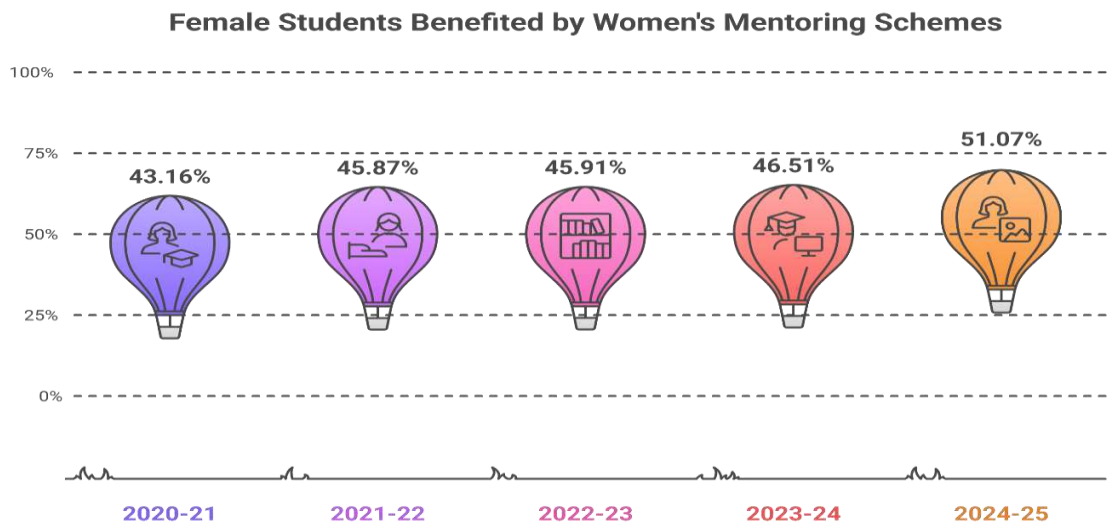
Key Initiatives Implemented by Parul University to Foster Women's Mentoring Schemes, Enhancing Professional and Academic Development for Women Students, Faculty, and Staff:

1. **Peer Mentorship Program**
    - Overview: Matches female students or early-career professionals with peers who share similar interests or career goals.
    - Benefits: Encourages mutual support, shared experiences, and guidance through similar academic or career stages, fostering confidence and resilience.
2. **Faculty-to-Student Mentorship**
    - Overview: Senior female faculty members mentor female students interested in specific academic fields or research.
    - Structure: One-on-one or small group mentorship sessions that focus on academic guidance, research methodologies, and overcoming academic challenges.
    - Benefits: Increases student interest in advanced studies and helps build lasting mentor relationships, offering career-long support.
3. **Alumni Mentorship Network**
    - Overview: Connects women students and early-career faculty with successful female alumni in various industries.
    - Structure: Virtual and in-person sessions where alumni share insights on career paths, industry trends, and work-life balance.
    - Benefits: Provides role models, industry insights, and broader perspectives on career options for students and faculty.
4. **Professional Development Circles**
    - Overview: Small mentoring groups led by senior female leaders or industry experts, focused on skill development, leadership, and career growth.
    - Topics: Leadership, negotiation, presentation skills, and personal branding.
    - Benefits: Equips women with essential career-advancement skills and promotes networking with peers sharing similar professional goals.
5. **Research Mentorship Initiative**
    - Overview: Senior researchers mentor female students and early-career faculty on conducting research, publishing, and grant writing.
    - Structure: Long-term mentorship on research projects with opportunities for collaboration and co-authorship.

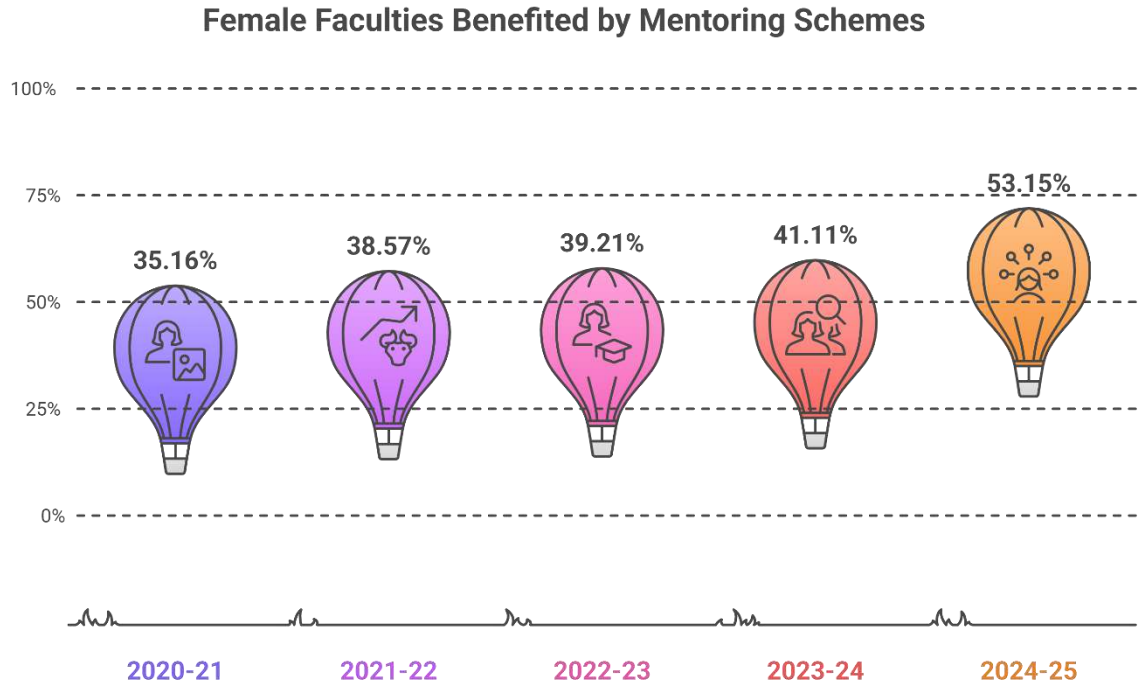
- Benefits: Encourages women to pursue research careers and provides support in overcoming challenges in research fields.

6. **Leadership Shadowing Program**
    - Overview: Allows women students, faculty, and staff to "shadow" senior leaders at the university, gaining firsthand experience of leadership roles.
    - Structure: Short-term shadowing where participants observe meetings, planning sessions, and decision-making.
    - Benefits: Provides insight into leadership pathways, increasing confidence and readiness to pursue leadership roles.
7. **Cross-Discipline Mentoring**
    - Overview: Mentorship partnerships across different academic departments or fields, encouraging interdisciplinary learning.
    - Benefits: Enables mentees to explore diverse perspectives, expand professional networks, and gain insights from various fields.
8. **Networking Events and Mentorship Forums**
    - Overview: Hosts regular networking events for women to connect with mentors, share ideas, and participate in panel discussions.
    - Structure: Quarterly or bi-annual events featuring guest speakers and mentorship “matchmaking” for attendees.
    - Benefits: Provides structured opportunities to meet mentors and fosters an inclusive support community within the university.
9. **Digital Mentorship Platform**
    - Overview: A digital portal for mentees to connect with mentors, participate in webinars, and access growth resources.
    - Structure: Online platform where participants can schedule mentorship sessions, attend virtual workshops, and access guides.
    - Benefits: Ensures consistent engagement, especially for remote students and faculty, and provides flexible access to mentorship resources.
10. **Monthly Mentor-Mentee Check-ins**
    - Overview: Encourages mentors and mentees to have monthly check-in meetings to discuss progress, challenges, and goals.
    - Benefits: Offers regular support, accountability, and personalized guidance for individual growth.

Trend analysis of the impact of women's mentoring schemes on female students



Trend analysis of the impact of women's mentoring schemes on female faculty members



OUTCOME: https://paruluniversity.ac.in/women-development-cell

Policy on Tracking and Enhancing Women's Graduation Rate

1. Purpose and Objectives

Parul University is dedicated to promoting gender equity and ensuring that all students particularly women are fully supported in achieving their academic goals. The **Policy on Tracking and Enhancing Women's Graduation Rate** establishes a structured, data-driven mechanism for monitoring women's progression, retention, and graduation rates in comparison to their male counterparts.

The policy aims to:

- Identify and address barriers affecting women's academic completion, particularly in underrepresented fields such as STEM.

- Promote equality in academic outcomes through consistent monitoring and intervention.
- Foster an inclusive environment that enables every woman to complete her academic journey successfully.

This initiative aligns with the goal of Gender Equality and builds on Parul University's institutional mechanisms under PUMIS (Parul University Management Information System), which tracks every stage of the student lifecycle, from application and enrollment generation to degree award.

Regularized Data Collection and Analysis

1. **PUMIS-Based Tracking Mechanism**

- PUMIS serves as the **centralized digital platform** for monitoring gender-disaggregated data on student progression, academic performance, and graduation.
- The system captures and analyses graduation data at the **faculty, institute, and department levels**, ensuring full transparency and accountability in women's academic outcomes.
- Data points include **dropout rates, academic performance trends, course completion, and time-to-graduation** for both female and male students.

2. **Gender-Specific Academic Performance Metrics**

- PUMIS generates program-wise academic performance dashboards showing GPA, semester progression rates, and course completion statistics disaggregated by gender.
- Trends identified through PUMIS help the University design corrective measures and interventions for improving women's academic progression and graduation rates.

3. **Targeted Data Reports**

- The **IQAC** produces an annual **Gender Graduation Report**, integrating data from PUMIS to identify gaps, disparities, and success trends.
- These reports are shared with the **University Academic Council** and **Women Development Cell (WDC)** to guide evidence-based policy decisions and resource allocations.

Gap Analysis and Early Intervention Programs

1. **Gap Analysis**

- Each year, PUMIS-generated reports are reviewed to identify gender disparities in graduation rates across programs and faculties.
- The analysis focuses on potential causes—such as financial constraints, workload imbalances, socio-cultural challenges, or limited academic support—and prioritizes corrective action.

2. **Early Intervention Mechanisms**

- Departments implement **Early Academic Support Programs** targeting students—especially women—identified through PUMIS as "at risk of non-completion."
- These include periodic **academic counselling**, **peer tutoring**, and **faculty mentorship** to ensure continuous engagement and academic progress.
- The **Women Development Cell** collaborates with academic advisors to track interventions and outcomes biannually.

Mentoring and Support Schemes for Female Students

1. **Women's Mentorship Program**

- Parul University maintains a **Women's Mentorship Program** pairing female students with faculty members, alumni, or senior peers for academic and personal guidance.
- Mentorship focuses on confidence building, resilience, and strategies for academic success—particularly for women in male-dominated disciplines.

2. **Dedicated Academic Advising**

- Trained academic advisors provide **gender-sensitive counselling** to help female students manage workload, set academic goals, and balance personal responsibilities.
- Advisors track progress through PUMIS dashboards, allowing proactive interventions in cases of declining performance or attendance.

Financial Support and Scholarship Programs

1. **Scholarships and Financial Aid**

- The University offers **Women in STEM Scholarships** and other **merit- and need-based financial aid programs** for academically deserving women.
- PUMIS-integrated scholarship tracking ensures transparency and targeted allocation to support women's retention and completion.

2. **Childcare Support**

- A **Childcare Subsidy Program** assists female students with young children by subsidizing daycare services provided through the University's **Free-of-Cost Daycare Facilities**.
- This initiative reduces dropout risk among student-mothers and promotes academic continuity.

Initiatives for Gender Equity in Education and Career Development

1. **Support for Women in Underrepresented Fields**

- Parul University implements **STEM outreach and retention programs**, including peer learning circles, women-led research clusters, and skills-based workshops.
- These initiatives aim to enhance women's academic confidence and reduce dropout rates in technical disciplines.

2. **Career Development and Industry Linkages**

- The University organizes **career fairs, women-led networking events, and internship programs** that connect female students to professional opportunities.
- Tailored sessions on career planning, leadership development, and overcoming workplace gender barriers are conducted through the **Placement and Training Cell**.

Monitoring, Evaluation, and Reporting

1. **Biannual Progress Reviews**

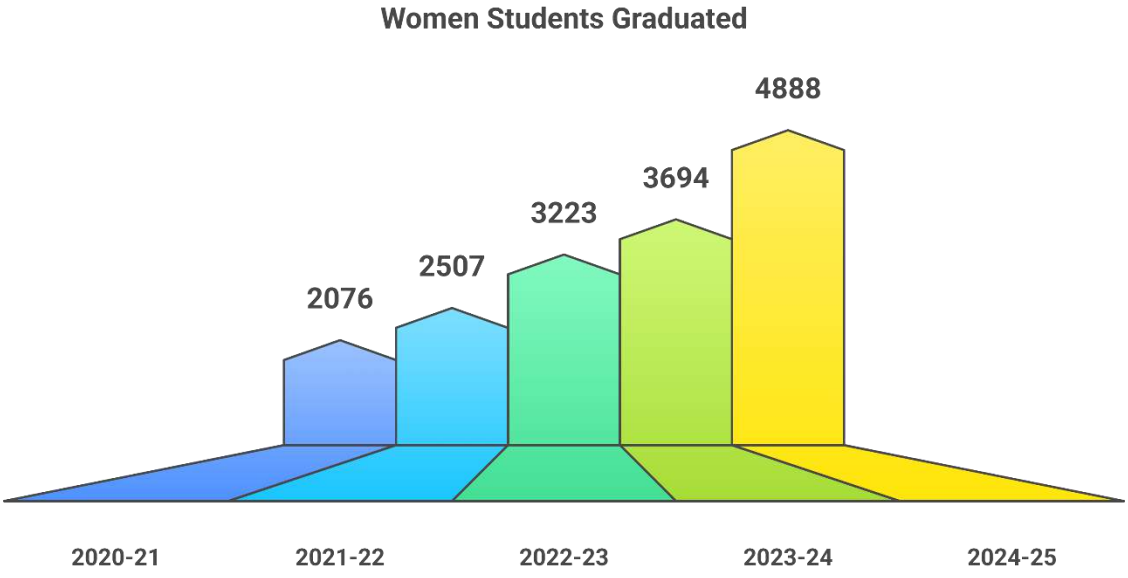
- The **Women Development Cell**, in collaboration with the **Institutional Research Department**, conducts **biannual performance reviews** of women's graduation data using PUMIS analytics.
- Student and faculty feedback inform program adjustments and the development of new support initiatives.

2. **Annual Report on Gender Equity in Graduation Rates**

- The University publishes an **Annual Gender Equity in Graduation Report** summarizing graduation rate comparisons between women and men, with recommendations for targeted interventions.
- This report includes:
    - Program-specific graduation and dropout trends
    - Evaluation of financial and mentoring support outcomes
    - Year-over-year trend analysis of women's academic completion

Trend Analysis of Women's Graduation Rate

Using **PUMIS-generated longitudinal data**, the University conducts **trend analysis** of women's graduation rates across all programs.



Key indicators analyzed include:

- **Five-year comparative graduation trends**
- **Program-specific retention and completion rates**
- **Impact of scholarships and mentorship interventions** on women's graduation outcomes

The insights from this analysis directly inform institutional planning, ensuring that Parul University continues to uphold its commitment to **gender equity, inclusive excellence, and student success** at all levels.

Policy on Protection Against Discrimination-Related Retaliation and Educational/Employment Disadvantage

Preamble: Parul University is committed to maintaining an environment where students, faculty, and staff feel safe and empowered to report instances of discrimination without fear of retaliation or educational or employment disadvantage. Recognizing that a diverse, inclusive environment enhances innovation, learning, and well-being, the university affirms its stance against all forms of discrimination and is dedicated to protecting the rights of those who report incidents or discrimination concerns. This policy forms part of Parul University's overarching commitment to equality, diversity, and inclusion, ensuring every member can pursue their education or career without compromise.

Objective: To safeguard individuals reporting discrimination from any adverse impact on their educational or employment status at Parul University and to promote an inclusive, respectful environment where discrimination complaints are addressed in a fair, timely, and effective manner.

Purpose and Vision

This policy aims to foster an environment of trust and security where every individual feels confident in reporting discrimination without fear of reprisal. By implementing protective measures for those who raise concerns or complaints related to discrimination, the university reinforces its commitment to promoting equality, diversity, and inclusion across all academic and administrative levels.

Scope

This policy applies to all students, faculty, and staff at Parul University. It covers both internal reporting of discrimination within the university as well as external reporting to relevant authorities.

Key Principles

- Non-Retaliation: Parul University strictly prohibits any form of retaliation against individuals who report incidents of discrimination, participate in an investigation, or seek support in cases of discrimination.
- Confidentiality and Sensitivity: All reports will be treated with strict confidentiality, ensuring the privacy and dignity of those involved, and will be managed with sensitivity.

- Fairness and Impartiality: Parul University commits to conducting thorough, unbiased investigations, ensuring that no individual faces unfair disadvantage due to their role in reporting discrimination.

Policy Actions

1. Reporting Mechanisms

- Accessible Channels: Parul University will provide multiple accessible channels for reporting discrimination concerns, including online portals, anonymous reporting forms, and designated EDI officers.
- Awareness Campaigns: Regular awareness campaigns will inform the university community of these reporting mechanisms and the protections in place for reporters.

2. Protection Measures

- No Adverse Consequences: Individuals reporting discrimination will not face adverse educational or employment consequences. The university will actively monitor for signs of disadvantage or retaliation in academic evaluations, job assignments, and opportunities for advancement.
- Support Systems: Reporters will have access to counselling and advisory services to support their well-being throughout the reporting process.

3. Investigation and Resolution Process

- Timely and Fair Investigations: Discrimination complaints will be handled promptly, with a clear timeline and steps for resolution. Trained EDI officers will oversee investigations to maintain objectivity and ensure justice.
- Resolution and Remedial Action: If discrimination is confirmed, appropriate corrective measures will be taken, including but not limited to disciplinary actions, policy amendments, or support for those affected.

4. Monitoring and Accountability

- Regular Assessments: Parul University's EDI Committee will review the implementation of this policy annually, collecting data on reported cases, outcomes, and user satisfaction.
- Feedback Mechanisms: Feedback from the university community will be regularly solicited to ensure the policy remains relevant, responsive, and effective.

Accountability

This policy will undergo review every three years by the EDI Committee, with amendments made as necessary to enhance protections and ensure alignment with best practices and legal standards. The university leadership will oversee and support all efforts to protect those who report discrimination and to sustain a fair and inclusive academic and employment environment.

Policy for Paternity Leave Supporting Women's Participation and Shared Childcare Responsibilities

Purpose

Parul University is committed to promoting gender equality and shared parenting through a supportive Paternity Leave Policy. The policy ensures that non-gestational parents can actively participate in childcare, thereby reducing the caregiving burden on women and supporting their continued participation in academic and professional roles.

Scope

This policy applies to all full-time, part-time, and contractual male employees, as well as non-gestational parents, including adoptive and surrogate parents, across all departments of Parul University.

Paternity Leave Entitlement

- Eligible employees are entitled to 15 days of paid paternity leave, which may be availed within six months of the birth or adoption of a child.
- The policy applies equally in cases of adoption or surrogacy, ensuring inclusivity for all family structures.

Flexible Work Arrangements

- Non-gestational parents may request flexible working hours during the first three months after returning to work to actively share childcare responsibilities.
- Options such as remote work, part-time schedules, or modified working hours may be approved to facilitate family care without career disruption.

Job Protection and Non-Discrimination

- Employees availing paternity leave are assured full job security and equal opportunities for advancement.
- Any form of retaliation, discrimination, or bias against employees utilizing paternity or parental leave is strictly prohibited.

Support for Family Well-being

- Parul University provides access to on-campus childcare facilities, counselling services, and parental reintegration support to help families transition smoothly post-leave.
- Supervisors are encouraged to foster a family-friendly and inclusive workplace that values both parents' roles in early child development.

Review and Continuous Improvement

The policy is reviewed annually to align with evolving employee needs, legal requirements, and best practices in family-friendly workplace standards.

SDG 5 - GENDER EQUALITY

THELI - WOMEN LIVELIHOOD PROJECT

Empowering women is a remarkable endeavor, and the Women Livelihood Project achieves this by teaching essential bag-making skills. This initiative not only equips women with valuable abilities but also promotes a plastic-free environment. Under THELI - Women Livelihood Project, bags were stitched by rural women, alongside the production of masks during the second wave of COVID-19. As a result, these women have begun earning a livelihood, demonstrating the project's impactful contribution to their empowerment and the community's well-being.

FACTS & FIGURES

No. of Women Beneficiaries:	No of Theli Stitched :	No of Masks Stitched :
42	39036	1,80,000



GARIMA - WOMEN LIVELIHOOD CENTRE

GARIMA - Women's Livelihood Centre embodies a transformative and purpose-driven initiative, dedicated to the empowerment and advancement of women artisans specializing in the craft of bag-making and other household products. At the heart of our mission lies the ambition to establish a vibrant and inclusive platform that not only celebrates the exceptional skillsets of these talented artisans but also serves as a catalyst for their socio-economic growth and empowerment.

FACTS & FIGURES

No. of Women Beneficiaries:	Total Theli (Bags) Stitched :	Total Honorarium paid to Women:
54	59030	97151



SAHIYAR GRAM HATT

Sakshamthad Foundation conducted an exhibition-cum-sale event known as "Sahiyar Gram Hatt," with the primary objective of supporting and empowering women artisans, women groups, and women-led organizations. Sahiyar Gram Hatt stands as an exceptional platform for women to come together, celebrate their art, culture, and traditions, and showcase their talents to a wider audience. Whether it's handmade clothing and jewelry or delectable food and beverages, these fair offers something for everyone.

FACTS & FIGURES

Total No of Stalls:	Total Women Participated:	Total Revenue Generated by Women:
21	210	Rs. 3,06,695











SANJEEVANI – CREDIT COOPERATIVE SOCIETY

SANJEEVANI – Credit Cooperative Society program, undertaken by the Sakshamthad Foundation, is geared towards empowering female health and sanitation professionals associated with our institution. It has a dual focus: generating economic opportunities and fostering self-reliance And autonomy among these women. Since its inception, we have observed a notable increase in awareness among women regarding the program, along with a growing enrollment rate. This positive response demonstrates the effectiveness and relevance of our efforts in this regard.

FACTS & FIGURES

No. of Women Registered:

680

Total Collection Received:

Rs. 3,63,975





CELEBRATION OF INTERNATIONAL WOMEN'S DAY AT MADHELI VILLAGE

Sakshamthad Foundation celebrated International Women's Day on 8th March 2024 with a vibrant gathering of around 500 women in Madheli Village, embracing the theme “Invest in Women: Accelerate Progress.” The event was organized with the objective of recognizing and empowering rural women, honoring their resilience and dedication in advancing financial independence and social progress. Dr. Geetika Patel graced the occasion, with the Sarpanch of Madheli, Mr. Prakash Vasava, as the guest of honor, both offering inspiring words of encouragement. In recognition of the women's hard work, the foundation awarded honorariums and conducted an HPV vaccination awareness camp. The celebration also included recreational activities such as musical chairs and balloon-popping, with prizes given to winners. Concluding at 2 p.m. with tea and snacks, the event fostered a sense of community and a shared commitment to accelerating women's empowerment and progress.





WOMEN’S DAY CELEBRATION BY PIDILITE INDUSTRIES CSR ATTENDED BY DR. PARUL PATEL, VICE PRESIDENT, PARUL UNIVERSITY

After witnessing the incredible success of the CSR Convention and Best Practices in CSR Awards orchestrated by Sakshamthad Foundation, the Pidilite Industries CSR team extended a warm invitation to Dr. Parul Patel, Vice President (Student Affairs & General Administration), Parul University, at Mahua, Bhavnagar, Gujarat.

Dr. Parul Patel graced the event with her inspiring presence, sharing wisdom and empowering the rural women attendees. Her words resonated deeply, igniting passion and determination in every heart present.




Parul University – Faculty of Pharmacy

School of Pharmacy

- School of Pharmacy, Parul University
- "INSPIRE INCLUSION TRANING CUM WORKSHOP" At Sayaji Girls High School Vadodara
- **Date:** 07th March, 2024
- **Venue:** Sayaji Girls Highschool
- **Co-Ordinator:** – Ms. Pallavi B. Badhan, Dr. Kajalben Patel, Mrs Zalak Shah, Miss.Nimisha Vasava, Miss. Vishwa Patel
- **Organized By:** - Faculty of Pharmacy
- **Total Participants: -** 30
- **Objective :-** The objective of the **"Inspire Inclusion"** theme on International Women's Day is to **promote and celebrate** the inclusion of women in all aspects of life. It encourages recognizing and appreciating the diverse contributions of women across various fields, cultures, and communities. By inspiring inclusion, we aim to break down barriers, challenge stereotypes, and create a more equitable and supportive environment for women.

About Event: -

This Event was carried in Sayaji girls high School Vadodara. This event was divided in to

Awareness and Workshop activities.

- Awareness includes
    1. Breast cancer and Cervical cancer awareness: In this awareness program we had given the details about breast cancer identification, symptoms and causes of it. Identification tests for breast cancer like Mammography, Pap smear test etc. What is treatment to overcome breast cancer. This has been presented by our students by poster presentation and orally.
    2. PCOS Problems and Menstrual Hygiene: In this awareness program we had given the details about PCOS. It is major problem occurring in this generation. Also, we had shared the information about how to maintain menstrual hygiene.
- Workshop Includes:
    1. Handcraft, Painting, Resin Art, Breaselet Making, Panting decoration, nail Art, Fruit dish decoration etc.
    2. By doing these activities students were happy and also, they got the sources from they can generate revenue for their family. They understood the importance of self-dependency.
- Education awareness: We had given them the importance of education through power point presentation. What are the different opportunities are available in

field of Pharmacy after completion of graduation ,postgraduation and doctorate in field of pharmacy.

Outcomes of the Awareness and workshop program:

- By conducting this awareness programs students gain Knowledge about cervical and breast cancer. Awareness plays a crucial role in educating women about early detection and prevention.
- By Sensitizing students through information about breast and cervical cancer can lead to increased knowledge and empowerment.
- By doing workshop activities students were happy and also, they got the sources from they can generate revenue for their family. They understood the importance of self-dependency.

Image: "INSPIRE INCLUSION TRANING CUM WORKSHOP" At Sayaji Girls High School Vadodara



Parul® University NAAC A++ ACCREDITED UNIVERSITY

Parul University – Faculty of Pharmacy

School of Pharmacy













Parul University – Faculty of Pharmacy

School of Pharmacy





REPORT ON

"WOMEN'S SELF-DEFENSE POWER HOUR"

UNDER WOMEN DEVELOPMENT CELL

ON 05th August, 2024

ORGANIZED BY

PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY-DIPLOMA STUDIES

UNDER

WOMEN DEVELOPMENT CELL

PARUL UNIVERSITY

P.O. LIMDA, TAL: WAGHODIA, DIST: VADODARA.

Parul institute of engineering and technology – diploma studies civil engineering department has organized "women's self-defense power hour" under women development cell. Event: Women's Self-Defense Power Hour

Organized by: Civil Engineering Department, PIET-DS

Coordinators: WDC Coordinator Asst. Professor Namira Saiyed

Convenor: HOD Vandana Pandya, WDC President Dr. Ruhi Shrivastava

Expert Chief Instructor: Mohammed Abbas Saiyed, Chief Instructor and President, Global Wado Ryu Karate Association India

Date: [05/08/2024]

Introduction

The Civil Engineering Department of PIET-DS organized an empowering event titled "Women's Self-Defense Power Hour," aimed at equipping female students and staff with essential self-defense skills. The session was held under the guidance of the Women Development Cell (WDC) of the institution, with Asst. Professor Namira Saiyed coordinating the event.

Objectives

The primary objective of the event was to promote self-reliance and confidence among women by teaching them effective self-defense techniques. The event sought to address the importance of self-defense in everyday situations, fostering a sense of safety and empowerment among participants.

Highlights of the Event

Opening Remarks: The event began with an introduction by WDC Coordinator Asst. Professor Namira Saiyed, who emphasized the importance of self-defense education in today's society. She highlighted the role of such skills in empowering women to protect themselves in potentially dangerous situations.

Expert Training: The session featured a hands-on training led by Mohammed Abbas Saiyed, the Chief Instructor and President of the Global Wado Ryu Karate Association India. Based in Vadodara, India, Mr. Saiyed is a highly respected expert in martial arts, particularly Wado Ryu Karate. His extensive experience in self-defense made the training session both informative and practical. Participants were taught various techniques that were designed to be easily learned and effectively applied in real-world situations.

Key Addresses:

HOD Vandana Pandya addressed the participants, encouraging them to take full advantage of the training and stressing the need for continuous learning in self-defense to stay prepared for any unforeseen situations.

WDC President Dr. Ruhi Shrivastava praised the initiative and stressed the importance of such events in fostering a culture of safety and empowerment on campus. She also spoke about the broader goals of the WDC in supporting women's development within the institution.

Participant Feedback

The participants expressed their appreciation for the initiative, noting that the skills they learned during the session were not only practical but also boosted their confidence. Many participants suggested that such training sessions should be held regularly to keep the skills fresh and to continue building a strong community of empowered women.

Conclusion

The "Women's Self-Defense Power Hour" was a resounding success, with enthusiastic participation and positive feedback from all involved. The event underscored the commitment of the Civil Engineering Department and the Women Development Cell to the safety and empowerment of women within the institution. The department looks forward to organizing similar events in the future to continue supporting the holistic development of its students and staff.



Glimpse of the event:





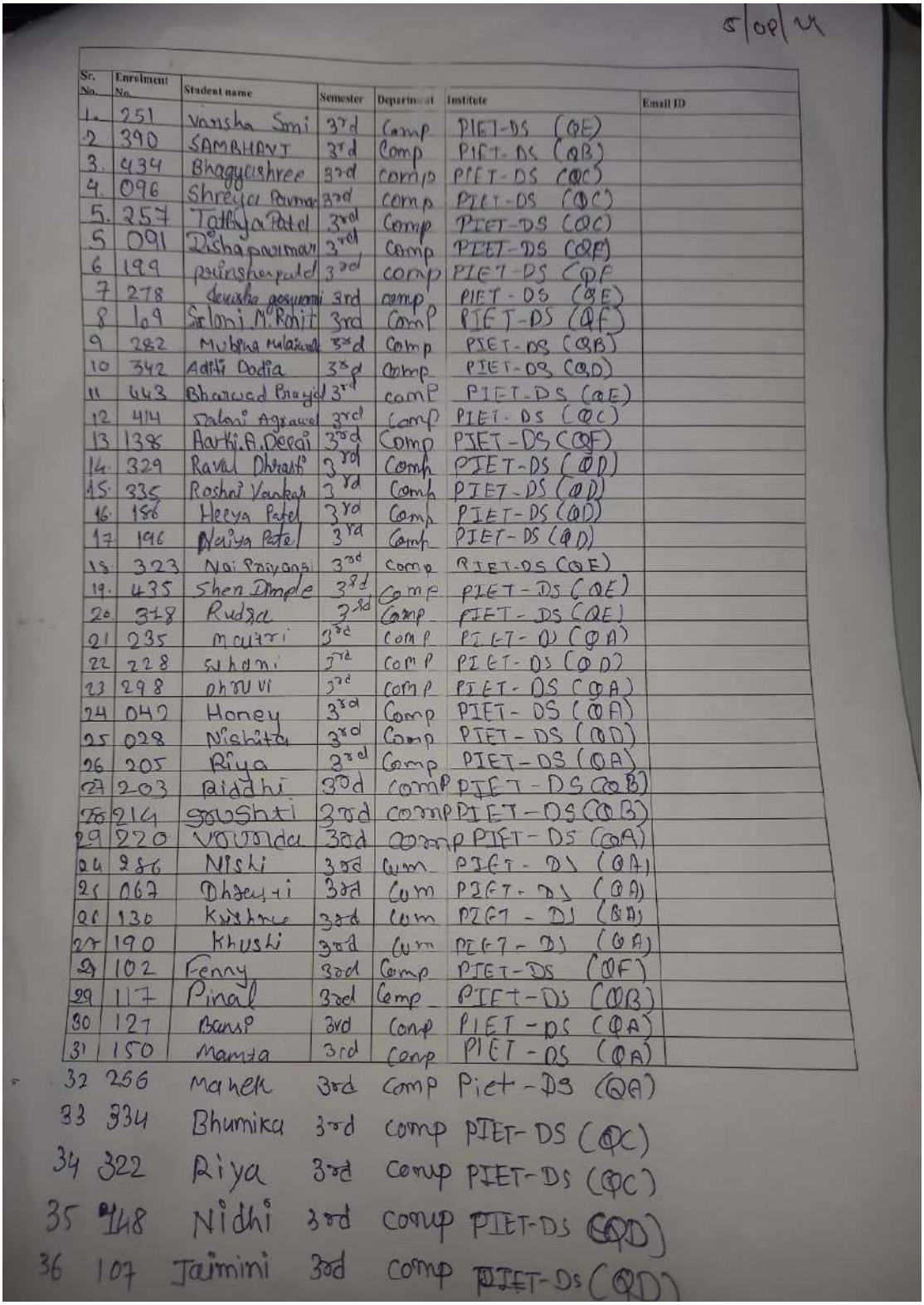





COACH

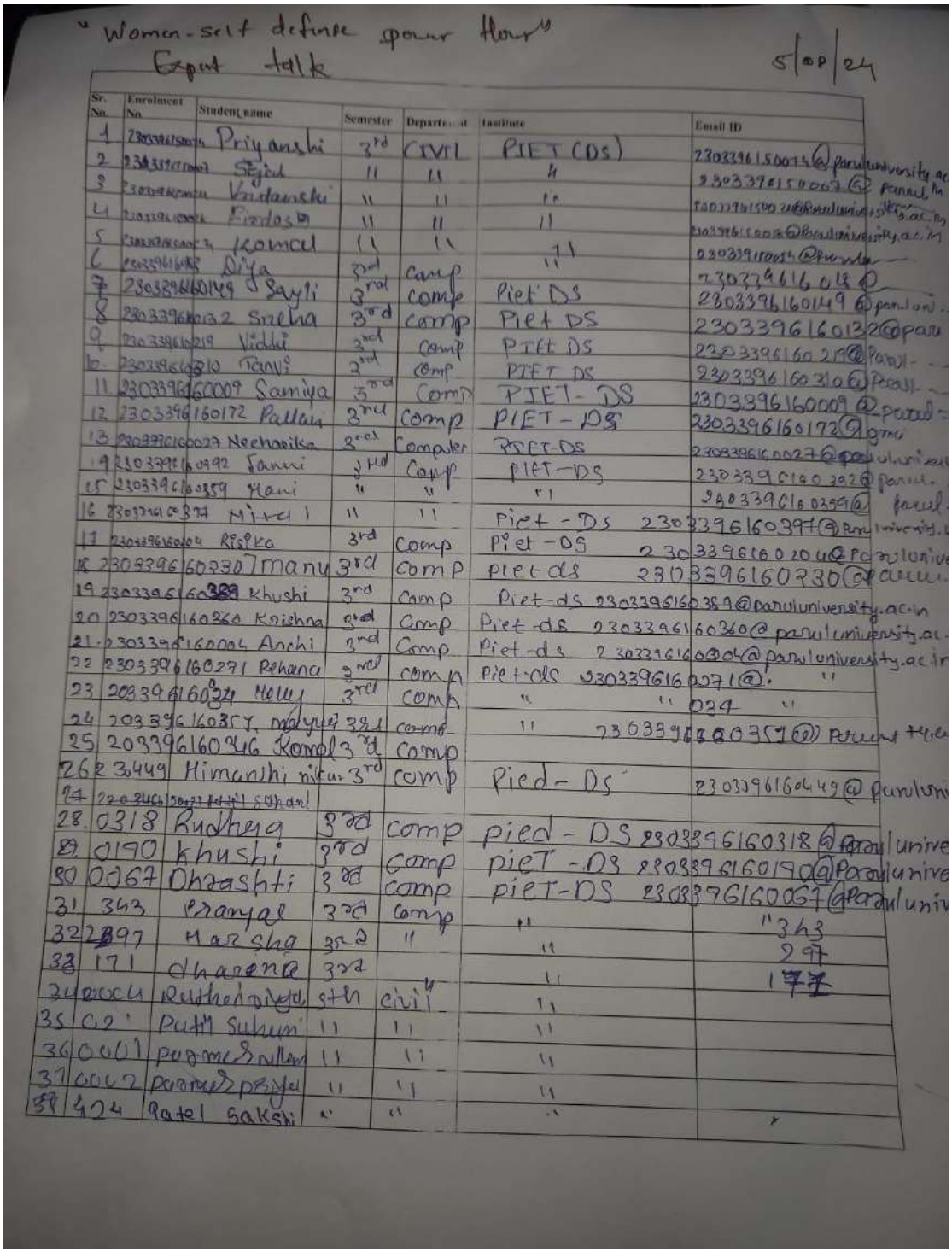

Parul
University

Attendance sheet:



5/08/24

Sr. No.	Enrolment No.	Student name	Semester	Department	Institute	Email ID
1.	251	Varsha Soni	3rd	Comp	PIET-DS (QE)	
2	390	SAMBHAVI	3rd	Comp	PIET-DS (QB)	
3.	434	Bhaguishree	3rd	comp	PIET-DS (QC)	
4.	096	Shreya Parmar	3rd	comp	PIET-DS (QC)	
5.	257	Tathya Patel	3rd	Comp	PIET-DS (QC)	
5	091	Disha parmar	3rd	Comp	PIET-DS (QB)	
6	199	prinsha patel	3rd	comp	PIET-DS (QF	
7	278	devsha gosvami	3rd	comp	PIET-DS (QE)	
8	169	Sloni M. Rohit	3rd	Comp	PIET-DS (QF)	
9	282	Mubina Mulaiwala	3rd	Comp	PIET-DS (QB)	
10	342	Aditi Dodia	3rd	Comp	PIET-DS (QD)	
11	443	Bhanwad Prayjal	3rd	comP	PIET-DS (QE)	
12	414	Sakshi Agrawal	3rd	Comp	PIET-DS (QC)	
13	138	Aarti A. Desai	3rd	Comp	PIET-DS (QF)	
14	329	Raval Dhrasti	3rd	Comp	PIET-DS (QD)	
15	335	Roshni Vankar	3rd	Comp	PIET-DS (QD)	
16	186	Heeya Patel	3rd	Comp	PIET-DS (QD)	
17	196	Naiya Patel	3rd	Comp	PIET-DS (QD)	
18	323	Nai Priyanshi	3rd	Comp	PIET-DS (QE)	
19.	435	Shen Dimple	3rd	Comp	PIET-DS (QE)	
20	318	Rudra	3rd	Comp	PIET-DS (QE)	
21	235	Maitri	3rd	Comp	PIET-DS (QA)	
22	228	Sahoni	3rd	Comp	PIET-DS (QD)	
23	298	Dhruvi	3rd	Comp	PIET-DS (QA)	
24	042	Honey	3rd	Comp	PIET-DS (QA)	
25	028	Nishita	3rd	Comp	PIET-DS (QD)	
26	205	Riya	3rd	Comp	PIET-DS (QA)	
27	203	Riddhi	3rd	comp	PIET-DS (QB)	
28	214	Sushti	3rd	comp	PIET-DS (QB)	
29	220	Vrunda	3rd	Comp	PIET-DS (QA)	
24	286	Nishi	3rd	Com	PIET-DS (QA)	
25	067	Dhayati	3rd	Com	PIET-DS (QA)	
26	130	Krishna	3rd	Com	PIET-DS (QA)	
27	190	Khushi	3rd	Com	PIET-DS (QA)	
28	102	Fenny	3rd	Comp	PIET-DS (QF)	
29	117	Pinal	3rd	Comp	PIET-DS (QB)	
30	127	Bansi	3rd	Comp	PIET-DS (QA)	
31	150	Mamta	3rd	Comp	PIET-DS (QA)	
32	256	Mahek	3rd	Comp	Piet-DS (QA)	
33	334	Bhumika	3rd	comp	PIET-DS (QC)	
34	322	Riya	3rd	Comp	PIET-DS (QC)	
35	148	Nidhi	3rd	Comp	PIET-DS (QD)	
36	107	Jaimini	3rd	comp	PIET-DS (QD)	



"Women - self defense four Hour"
Expert talk
5/09/24

Sr. No.	Enrolment No	Student name	Semester	Department	Institute	Email ID
1	[illegible]	Priyanshi	3rd	CIVIL	PIET (DS)	2303396150075@paruluniversity.ac
2	[illegible]	Sejal	"	"	"	2303396150067@paruul.in
3	[illegible]	Vedanshi	"	"	"	[illegible]
4	[illegible]	Firdos	"	"	"	[illegible]
5	[illegible]	Komal	"	"	"	[illegible]
6	[illegible]	Diya	3rd	Comp	"	230339[illegible]
7	2303396160149	Sayli	3rd	comp	Piet DS	2303396160149@paruluni
8	2303396160132	Sneha	3rd	comp	Piet DS	2303396160132@paru
9	2303396160219	Vidhi	3rd	Comp	PIET DS	2303396160219@Parul-
10	2303396160310	Tanvi	3rd	Comp	PIET DS	2303396160310@Parul-
11	2303396160009	Samiya	3rd	Comp	PIET-DS	2303396160009@parul-
12	2303396160172	Pallavi	3rd	comp	PIET-DS	2303396160172@gmail
13	[illegible]	Neeharika	3rd	Computer	PIET-DS	[illegible]
14	[illegible]	Jannu	3rd	Comp	PIET-DS	2303396160276@paruluniversity
15	2303396160359	Mani	"	"	"	2303396160359@parul.
16	[illegible]	Mitali	"	"	"	2303396160359@parul.
17	[illegible]	Rishka	3rd	Comp	Piet-DS	2303396160397@paruluniversity.
18	2303396160230	Manu	3rd	Comp	Piet-DS	2303396160230@paruluniv
19	2303396160389	Khushi	3rd	Comp	Piet-DS	2303396160389@paruluniversity.ac.in
20	2303396160360	Krishna	3rd	Comp	Piet-DS	2303396160360@paruluniversity.ac.
21	2303396160004	Anchi	3rd	Comp	Piet-DS	2303396160004@paruluniversity.ac.in
22	2303396160271	Rehana	3rd	comp	Piet-DS	2303396160271@. "
23	2039616024	Hetvi	3rd	comp	"	" 024 "
24	203396160357	[illegible]	3rd	comp	"	2303396160357@Parul [illegible]
25	203996160346	Komal	3rd	Comp		
26	3449	Himanshi nita	3rd	comp	Pied-DS	2303396160449@paruluni
27	[illegible]	[illegible]				
28	0318	Rudhraj	3rd	comp	pied-DS	2303396160318@Parul univ
29	0190	khushi	3rd	Comp	piET-DS	2303396160190@Parul univ
30	0067	Dhrashti	3rd	comp	piet-DS	2303396160067@Parul univ
31	343	Pranjal	3rd	Comp	"	"343
32	297	Harsha	3rd	"	"	297
33	171	Dharena	3rd		"	171
34	[illegible]	Ruthvi	5th	civil	"	
35	02	Patil Suhani	"	"	"	
36	0001	Pragna Nilam	"	"	"	
37	0062	Parmar Priya	"	"	"	
38	424	Patel Sakshi	"	"	"	

Asst.Prof Namira Saiyed
WDC COORDINATOR
CIVIL ENGINEERING DEPARTMENT
PIET-DS

Prof.Vandana Pandya
HEAD OF CIVIL DEPT.
CIVIL ENGINEERING DEPARTMENT
PIET-DS

A Report on
Art of Freedom: independence Day Poster Showcase

ACTIVITY TYPE	**Art of Freedom : Independence day Poster Showcase**		
DATE& TIME	**07/08/2024** **10:00 AM onwards**	**Duration**	**1 Hours**
SEMESTER	**1st,3rd & 5th**	**No. of participants**	**65**
EXPERT NAME WITH DESIGNATION	**-**		
NAME OF EXPERT'S ORGANIZATION	**-**		
EXPERT CONTACT DETAILS	**-**		
FACULTY COORDINATOR	**Prof. Mansi Vegad** **Prof. Kinnari Mishra** **Prof. Vedanti Patel**		
FACULTY CONTACT DETAILS	**9586794434**		
SPONSORING AUTHORITY	**-NA-**	**SPONSORING AMOUNT**	**-NA-**

Introduction

In celebration of India's 78th Independence Day, the Computer Engineering Department of Parul Institute of Engineering and Technology - Diploma Studies (PIET-DS), in collaboration with the Rotary Club, organized the "Art of Freedom: Independence Day Poster Showcase" on August 7, 2024. The event aimed to provide students with an opportunity to express their patriotism and creativity through art, highlighting the theme of freedom.

Objectives

The primary objective of the event was to foster a sense of national pride among students by encouraging them to create posters that symbolize the spirit of freedom. The activity also aimed to develop students' artistic skills and provide a platform for them to share their perspectives on India's journey to independence.

Event Overview
Participation:

The event was open to all semester students of the Computer Engineering Department. Participation was encouraged through a registration process, which was facilitated via an online form. The event saw an enthusiastic response, with a significant number of students registering and participating.
Artistic Showcase:

The Central Seminar Hall of PIET-DS was transformed into a vibrant gallery, where students displayed their posters. The artworks were diverse, reflecting various interpretations of freedom, patriotism, and the struggles of India’s freedom fighters. The creativity and thoughtfulness behind each poster were truly commendable.
Judging and Feedback:

A panel of judges, comprising faculty members and representatives from the Rotary Club, evaluated the posters based on creativity, relevance to the theme, and artistic presentation. The judges provided valuable feedback to the participants, encouraging them to continue developing their artistic talents.

Key Personnel:
The event was supported by the leadership of PIET-DS, including:
Principal: Dr. Ruchi Shrivastava
Head of Department: Prof. Hetal Bhaidasna
Faculty Coordinators:
Prof. Mansi Vegad
Prof. Kinnari Mishra
Prof. Vedanti Patel

Outcome

The "Art of Freedom: Independence Day Poster Showcase" was a resounding success. It not only allowed students to showcase their artistic abilities but also deepened their understanding of the significance of Independence Day. The event fostered a strong sense of community and patriotism among the students, making it a memorable and impactful celebration of freedom.

Acknowledgments

We extend our heartfelt thanks to all the participants for their enthusiasm and creativity. Special thanks to the Rotary Club for their collaboration and to the faculty coordinators for their efforts in organizing the event. We also thank the Principal, Dr. Ruchi Shrivastava, and the Head of Department, Prof. Hetal Bhaidasna, for their support and guidance.

Conclusion

The "Art of Freedom: Independence Day Poster Showcase" successfully achieved its goals of promoting creativity and patriotism among students. The event was a fitting tribute to India's freedom fighters, and it highlighted the importance of artistic expression in celebrating national pride.



Figure 1Flyer of the event

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Glimpses of Event:













THANK YOU

A Report on
One Tree In The Name Of Mother"

ACTIVITY TYPE	**One Tree In The Name Of Mother"**		
DATE& TIME	**09/08/2024** **10:00 AM onwards**	**Duration**	**1 Hours**
SEMESTER	**1st,3rd & 5th**	**No. of participants**	**45**
EXPERT NAME WITH DESIGNATION	**-**		
NAME OF EXPERT'S ORGANIZATION	**-**		
EXPERT CONTACT DETAILS	**-**		
FACULTY COORDINATOR	**Assi. Prof. Kinnari Mishra** **Assi. Prof. Hetal Prajapati** **Assi. Prof. Namira Saiyed**		
FACULTY CONTACT DETAILS	**9586794434**		
SPONSORING AUTHORITY	**-NA-**	**SPONSORING AMOUNT**	**-NA-**

Introduction

On August 9, 2024, the Electrical Engineering Department and Civil Engineering Department of Parul Institute of Engineering & Technology - Diploma Studies (PIET-DS) came together to organize the "Project ONE TREE - 'One Tree In The Name Of Mother'" initiative. This event, held at the Parul University Vadodara Campus, was part of an ongoing effort to promote environmental awareness and sustainability among students and faculty members.

Objective

The primary objective of the event was to encourage the planting of trees in honor of mothers, symbolizing the nurturing and life-giving roles they play in society. The project aimed to instill a sense of responsibility toward environmental

conservation in participants while celebrating the selfless love and care that mothers provide.

Event Overview

Participation:

The event saw active participation from students and faculty members of both the Electrical Engineering and Civil Engineering Departments. The initiative attracted a large number of participants who were eager to contribute to the environmental cause by planting trees on campus.

Tree Planting Activity:

The event began with an introduction to the significance of tree planting and its impact on the environment. Participants were then provided with saplings, which they planted across various locations within the Parul University Vadodara Campus. Each tree was planted in the name of the participant's mother, creating a meaningful and personal connection to the initiative.

Environmental Awareness:

Throughout the event, the importance of trees in maintaining ecological balance and combating climate change was emphasized. Participants were educated on how trees contribute to cleaner air, reduced carbon footprints, and the overall health of the planet. The event served as a powerful reminder of the role each individual can play in preserving the environment for future generations.

Outcome

"Project ONE TREE - 'One Tree In The Name Of Mother'" was a resounding success, achieving its dual objectives of environmental conservation and honoring the role of mothers. The event not only resulted in the planting of numerous trees on campus but also raised awareness among participants about the importance of sustainable practices. The symbolic act of planting trees in the name of mothers added an emotional and cultural dimension to the initiative, making it a memorable experience for all involved.

Acknowledgments

We extend our sincere thanks to all the participants for their enthusiastic involvement in this noble cause. Special thanks to the coordinators, Prof. Hetal

Prajapati and Prof. Namira Saiyed, for their meticulous planning and execution of the event. We also express our gratitude to Dr. Ruchi Shrivastava for her unwavering support and leadership, which were instrumental in the success of the initiative.

Conclusion

"Project ONE TREE - 'One Tree In The Name Of Mother'" was a meaningful and impactful event that brought together the PIET-DS community in a shared commitment to environmental stewardship. The initiative successfully promoted the values of sustainability, responsibility, and respect for nature, leaving a lasting impression on all participants.

Glimpses of Event:






ENGINEERING & TECHNOLOGY
Social Responsive Cell
PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY (DIPLOMA STUDIES)
GPS Map Camera
Vadodara, Gujarat, India
79Q7+HFV, Waghodia, Vadodara, Gujarat 391760, India
Lat 22.288927°
Long 73.364058°
02/08/24 12:41 PM GMT +05:30
Google


GPS Map Camera
Dabhoi, Gujarat, India
4CQ7+HWJ, Railway Colony Road, Dabhoi, Gujarat 391110, India
Lat 22.1397°
Long 73.41495°
08/08/24 04:27 PM GMT +05:30
Google




GPS Map Camera
Dabhoi, Gujarat, India
4CQ8+J52, Dabhoi, Gujarat 391110, India
Lat 22.139583°
Long 73.415218°
08/08/24 04:44 PM GMT +05:30
Google

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A Report on Gender Sensitization

ACTIVITY TYPE	**Gender Sensitization**		
DATE& TIME	**12/08/2024** **10:00 AM onwards**	**Duration**	**1 Hour**
SEMESTER	**1st Sem students**	**No. of participants**	**85**
EXPERT NAME WITH DESIGNATION	**-**		
NAME OF EXPERT'S ORGANIZATION	**-**		
EXPERT CONTACT DETAILS	**-**		
FACULTY COORDINATOR	**Asst. Prof. Kinnari Mishra**		
FACULTY CONTACT DETAILS	**9586794434**		
SPONSORING AUTHORITY	**-NA-**	**SPONSORING AMOUNT**	**-NA-**

Introduction

A gender sensitization program was conducted for the female students of PIET-DS on 12-08-2024. The event aimed to raise awareness about gender issues, promote equality, and empower female students by educating them on their rights, responsibilities, and the importance of gender sensitivity in all aspects of life.

Objective

The primary objective of the program was to foster an understanding of gender issues among female students and to empower them with the knowledge and tools necessary to navigate and challenge gender-based discrimination. The program also sought to create a safe and inclusive environment where students could openly discuss gender-related concerns.

Event Overview

Participation:

The program was attended by female students from various departments of the college. The event saw a positive response, with students actively engaging in discussions and activities aimed at promoting gender sensitivity.
Sessions and Activities:

Introduction to Gender Sensitization: The program began with an introductory session that explained the concept of gender sensitization and its significance in creating a balanced and fair society. The session highlighted the importance of understanding and respecting gender differences, while also addressing common misconceptions and stereotypes.

Legal Rights and Protections: A key segment of the program focused on educating students about their legal rights and protections under the law. The session covered topics such as sexual harassment, workplace equality, and the legal frameworks in place to protect women's rights. Students were encouraged to be aware of their rights and to speak out against any form of discrimination or harassment.

Interactive Workshops: The program included interactive workshops where students participated in role-playing exercises and group discussions. These activities were designed to help students identify and challenge gender biases, both in their personal lives and within the broader community. The workshops provided a platform for students to share their experiences and learn from one another.

Empowerment and Leadership: The final session of the program focused on empowerment and leadership, encouraging female students to take on leadership roles and to advocate for gender equality. Inspirational speakers shared their personal journeys and offered practical advice on how to overcome challenges and succeed in various fields.

Key Takeaways:

The program successfully raised awareness about gender issues and provided students with the tools needed to challenge gender-based discrimination.

Students left the program with a better understanding of gender sensitivity and a renewed commitment to promoting equality in their communities.

Leadership and Coordination:

The event was coordinated by [Insert Coordinator Names], who ensured the smooth execution of all activities. Dr.Ruchi Shrivastava, who served as the convener, provided valuable guidance and support throughout the planning and implementation of the program.

Outcome

The gender sensitization program was a significant step toward creating a more inclusive and equitable environment for female students at PIET-DS. The program empowered students with knowledge and encouraged them to actively participate in the ongoing effort to achieve gender equality. The positive feedback from participants underscored the importance of such initiatives in fostering a supportive and respectful community.

Acknowledgments

We extend our sincere thanks to all participants for their active involvement and to the coordinators for their dedication in organizing this important event. A special thank you to [Insert Convener Name] for their leadership and commitment to promoting gender sensitivity within the institution.

Conclusion

The gender sensitization program for female students was a resounding success, achieving its goals of education, empowerment, and engagement. The program not only enhanced students' understanding of gender issues but also inspired them to take an active role in advocating for gender equality. The event marked a significant milestone in the institution's ongoing efforts to create a safe and inclusive environment for all students.

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Figure 1Flyer of the Event

Glimpses of activity:









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Activity Report

INSTITUTE	Parul Institute of Architecture and Research		
DEPARTMENT	Architecture		
ACTIVITY TYPE	Expert Lecture and Interactive Session		
ACTIVITY TITLE	World Mental Health Day		
DATE AND TIME	10-10-2024 10.00 AM to 11.00AM	**DURATION**	1 hour
SEMESTER	1st Sem	**No of Students**	30
EXPERT NAMES	Prof. Jignesh Vyas, Prof. Preety Shah, Prof. Shashi Kumar, Prof. Khevna Mistry		
FACULTY COORDINATOR	Namrata Singh		

Objectives:

- **Raising Awareness**: Increase awareness about the importance of mental health, including understanding common mental health disorders, signs, symptoms, and available resources both on campus and in the community.
- **Reducing Stigma**: Educate student to reduce stigma surrounding mental illness and promote a more inclusive and supportive environment where individuals feel comfortable seeking help and talking about their mental health.
- **Promoting Well-being**: Provide strategies and tools for enhancing mental well-being, including stress management techniques, mindfulness practices, self-care routines, and healthy coping mechanisms.
- **Building Community Support**: Encourage a sense of community and solidarity among students by encouraging open conversations about mental health, sharing personal experiences, and supporting one another in times of need.

1. **Expert Talk by Prof. Jignesh Vyas:** Professor Jignesh Vyas emphasizes overall well-being by promoting mental resilience, healthy lifestyles, and work-life balance. He advocates mindfulness, stress management, emotional intelligence, and positive psychology. His approach includes balanced nutrition, regular exercise, and gratitude, fostering long-term happiness, reduced burnout, and holistic health for a fulfilling personal and professional life.
2. **Expert Talk by Prof. Shashi Kumar:** Professor Shashi Kumar focuses on reducing mental health stigma by challenging misconceptions, promoting open dialogue, and advocating supportive policies. He emphasizes inclusive education, training educators and professionals to foster empathy and understanding. His work encourages societal acceptance, ensuring individuals with mental health conditions receive fair treatment and community support.
3. **Expert Talk by Prof. Preety Shah:** Professor Preety Shah focuses on raising awareness of social and health issues through educational campaigns, community outreach, and media engagement. She leverages technology, social media, and collaborations with NGOs to spread accurate information. Her efforts ensure inclusive awareness, reaching diverse groups and promoting informed discussions for societal well-being.
4. **Expert Talk by Prof. Khevna Mistry:** Professor Khevna Mistry advocates for community well-being by creating support networks, encouraging volunteerism, and strengthening family and workplace support systems. She promotes inclusive spaces, ensuring accessibility and mental health support. Her efforts foster social responsibility, peer counseling, and stronger community bonds to help individuals facing challenges feel supported.

Interactive Session:

- Following the expert talk, an interactive session was held, during which students could ask questions and engage with All the Professor.
- The session facilitated a lively discussion on different aspects of psychological issues.

Glimpses of the activity:









Learning Outcomes:

- **Understanding Mental Health**: Detail-specific topics covered during the workshops, such as different types of mental health disorders (e.g., anxiety, depression, PTSD), factors influencing mental well-being (e.g., Social Support, lifestyle factors), and strategies for maintaining good mental health.
- **Coping Strategies**: Reflect on practical coping strategies and interventions discussed, including cognitive-behavioral techniques, relaxation exercises, mindfulness practices, and ways to manage stress effectively.
- **Community Support and Resources**: Discuss initiatives or resources introduced during the event to support mental health on campus, such as counselling services, peer support groups, crisis hotlines, or mental health awareness campaigns.
- **Personal Growth and Reflection**: Share personal anecdotes or quotes from participants about their experiences during World Mental Health Day. Highlight moments of insight, personal growth, or

connections made with others that enriched their understanding of mental health issues. Celebrating World Mental Health Day 2024 at the Parul Institute of Architecture and Research was a successful and enriching event. It achieved its objectives of promoting awareness and enhancing knowledge.

Attendance Sheet:

Sr.no	Enrollment No.	Student Name
1.	2201011010002	AMRAT MAHAJAN
2.	2201011010003	ANIMESH JENA
3.	2201011010004	ANSH MAHAJAN
4.	2201011010005	ANUSHKA JOSHI
5.	2201011010006	AREKAR VAISHNAVI RAJESH
6.	2201011010007	BHAT SHRADDHA PRAVIN
7.	2201011010008	BHUMIKA VISHWAKARMA
8.	2201011010010	CHAVALI SAI DILEEP YADAV
9.	2201011010011	CHELIKANI VINAY
10.	2201011010012	DAMMALAPATI SRI VENKATA SAI CHARAN
11.	2201011010013	DIMPY DAS
12.	2201011010014	GAJERA DRASHTI DINESH
13.	2201011010051	HIJAM CHIDANANDA
14.	2201011010016	HIRE VEDANT DATTU
15.	2201011010018	JADAV MANISHABEN GANGARAMBHAI
16.	2201011010020	JYOTI GAYATRI SINGH
17.	2201011010021	KANIK KHATRI
18.	2201011010022	KAPIL PATEL
19.	2201011010023	KRISHNANSU MOHAPATRA
20.	2201011010025	LULANIYA AADIL ANISH
21.	2201011010026	MANSURI AFRINBANU AYUBBHAI
22.	2201011010031	MUM DARANG
23.	2201011010032	PARAPATI THARUN REDDY
24.	2201011010036	PRAJWAL PRASHANT LAD
25.	2201011010038	RAVADA SAI KIRAN
26.	2201011010040	SAMARTH A MUNDADA
27.	2201011010041	SAMRATA NANDAKISHOR NAIK
28.	2201011010043	SHIVAM MOGRA
29.	2201011010046	VRITIKA BANSAL
30.	2201011010047	YOGESH KUMAWAT

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A Report on
Know Your Rights: Empowering Women for a Better Future

ACTIVITY TYPE	**Know Your Rights: Empowering Women for a Better Future**		
DATE& TIME	**27/09/2024** **08:00 AM onwards**	**Duration**	**2 Hours**
SEMESTER	**3rd & 5th**	**No. of participants**	
EXPERT NAME WITH DESIGNATION	**- MR. Ritesh Thakkar**		
NAME OF EXPERT'S ORGANIZATION	**Secretary of Baroda Bar Association**		
EXPERT CONTACT DETAILS	**98256 65291**		
FACULTY COORDINATOR	**Prof. Chandani Thakkar** **Prof. Kinnari Mishra**		
FACULTY CONTACT DETAILS	**9512502590**		
SPONSORING AUTHORITY	**-NA-**	**SPONSORING AMOUNT**	**-NA-**

Introduction

The Computer Engineering Department of Parul Institute of Engineering and Technology - Diploma Studies (PIET-DS), in collaboration with the Rotary Club, organized the " Know Your Rights: Empowering Women for a Better Future " on September 27, 2024. The event aimed to provide students should learn, grow, and inspire each other towards a future where every woman is empowered with the knowledge of her rights!

Objectives

The primary objective of the event was to the initiative seeks to educate women about their legal rights, including protections against discrimination, harassment, and violence, thereby fostering informed self-advocacy. Secondly, it aims to build confidence and assertiveness among participants, encouraging them to engage actively in their communities and pursue leadership roles. Ultimately, by enhancing awareness and fostering empowerment, the initiative strives to contribute to a more equitable society where women can thrive and effect positive change.

Event Overview

Participation:

The event was open to 3rd and 5th semester students of the Computer Engineering Department. Participation was Open for Girls and Boys both because not only girls should know the rights boys also should know the rights. The participant's response was Good.

From the topic "**Know Your Rights: Empowering Women for a Better Future**," both boys and girls can learned several key lessons.

Students gained awareness of issues like discrimination, harassment, and violence, fostering empathy and understanding of women's challenges. The program highlighted the importance of respectful relationships and encouraged boys to be allies in advocating for equality. It also helped students develop critical thinking and communication skills, empowering them to stand up for themselves and others. Overall, it promoted a culture of respect, collaboration, and empowerment for a more equitable future.

Key Personnel:

The event was supported by the leadership of PIET-DS, including:

Principal: Dr. Ruchi Shrivastava Head of
Department: Prof. Hetal Bhaidasna
Faculty Coordinators:
Prof. Chandani thakkar
Prof. Kinnari Mishra

Outcome

The "Know Your Rights: Empowering Women for a Better Future" initiative resulted in transformative outcomes for students. They gained awareness of legal rights and gender equality, enhancing their understanding of social justice. Participants reported increased confidence in self-advocacy and communication skills, while collaboration between boys and girls fostered respectful relationships. Overall, the program empowered students, equipping them to advocate for positive change in their communities.

Acknowledgments

We extend our heartfelt thanks to all the participants Discipline. Special thanks to the Rotary Club for their collaboration and to the faculty coordinators for their efforts in organizing the event. We also thank the Principal, Dr. Ruchi Shrivastava, and the Head of Department, Prof. Hetal Bhaidasna, for their support and guidance.

Conclusion

As we conclude the "Know Your Rights: Empowering Women for a Better Future" seminar, we are reminded of the power that comes from knowledge and collective action. The insights shared today have inspired us to continue advocating for women’s rights and equality. Let this be the beginning of further empowering discussions and meaningful change. Thank you all for your participation and commitment to a better future.



Figure 1Flyer of the event

Glimpses of Event:





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THANK YOU

PARUL INSTITUTE OF PHYSIOTHERAPY
FACULTY OF PHYSIOTHERAPY
PARUL UNIVERSITY

HEALTHY MIND HEALTHY FUTURE

DEPARTMENT/College	**PARUL INSTITUTE OF PHYSIOTHERAPY**		
ACTIVITY TYPE	**Interactive Session**		
ACTIVITY TITLE	**Healthy Mind Healthy Future**		
DATE & TIME	**18/11/2024 10:00 AM TO 11:00AM**	**Duration**	**1hrs**
SEMESTER	**Final year**	**No. of Students**	**54**
NAME OF ORGANIZATION	**PIPT, Parul University**		
FACULTY COORDINATOR	**Dr . Hitiksha Bhalodia**		
FACULTY CONTACT DETAILS	**6351047107**		

Objective:

Activity Details:

The Women Development Cell at PARUL INSTITUTE OF PHYSIOTHERAPY, successfully organized an interactive session with final year students of PIPT. Session was held by student coordinators of WDC & the faculty coordinators of PIPT, under the guidance of Dr. Hitiksha Bhalodia, the faculty coordinator WDC, PIPT.

The audience, consisting of final year PIPT students, what are the beneficiary of futuristic point of view in the respective field , what kind of help and support will be provided to students, this interactive session was impactful and empowered the attendees with the knowledge and sources to enhance their idea on healthy life style.

Brochure detail:



Glimpses of activity:

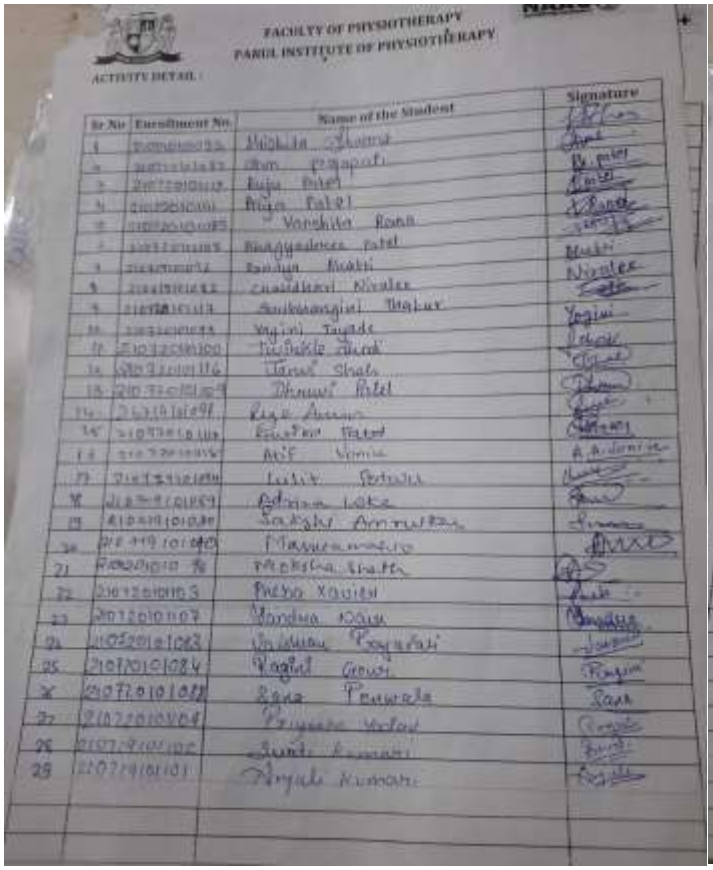



GPS Map Camera
Vadodara,Gujarat,India
Vaghodia, Vadodara, 391760, Gujarat, India
Lat 22.290614, Long 73.365580
11/18/2024 10:39 AM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Vadodara,Gujarat,India
Vaghodia, Vadodara, 391760, Gujarat, India
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11/18/2024 10:39 AM GMT+05:30
Note : Captured by GPS Map Camera

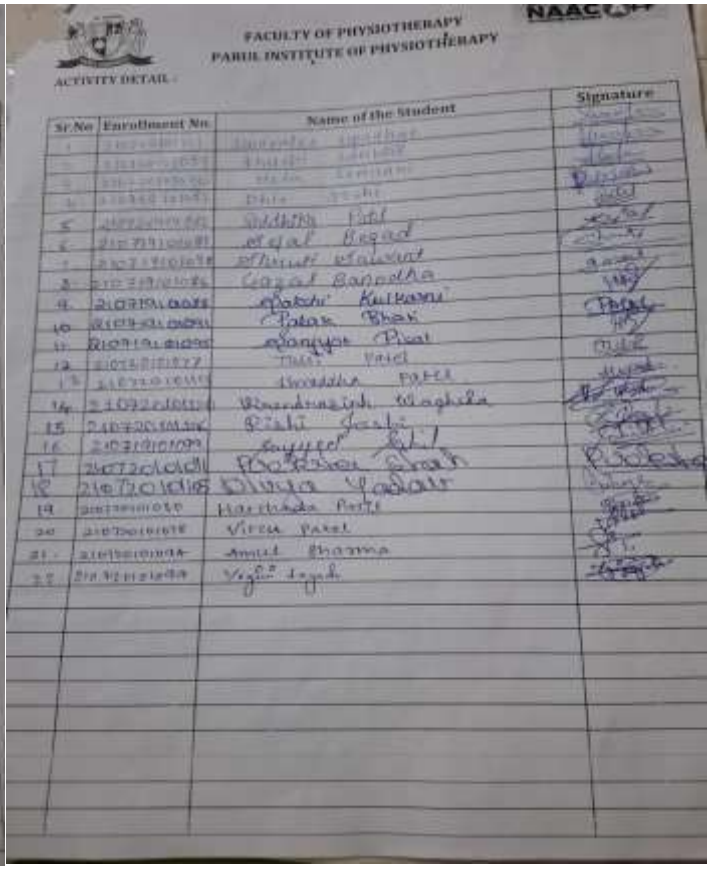


Outcome:


FACULTY OF PHYSIOTHERAPY
PARUL INSTITUTE OF PHYSIOTHERAPY

ACTIVITY DETAIL :

Sr.No	Enrollment No.	Name of the Student	Signature
1		Nishita Thoma	
2		Arun Prajapati	
3		Raja Patel	
4		Priya Patel	
5		Vanshita Rana	
6		Bhaggyashree Patel	
7		Ranjan Bhatt	
8		Chaitanya Nimbre	
9		Sankhyangini Thakur	
10		Yogini Tayade	
11		Nishikant Bhoir	
12		Tanvi Shah	
13		Dhruvi Patel	
14		Riya Arora	
15		Krutarth Patel	
16		Arif Vohra	
17		Lucky Patanvadiya	
18		Rahima Lokhandwala	
19		Sakshi Amrutkar	
20		Manavendra	
21		Prakshita Shukla	
22		Preya Xavier	
23		Nandana Vora	
24		Vaishnavi Pagarani	
25		Nagpal Gaurav	
26		Rana Panwala	
27		Priyanka Vachani	
28		Sunil Kumar	
29		Anjali Kumari	


FACULTY OF PHYSIOTHERAPY
PARUL INSTITUTE OF PHYSIOTHERAPY

ACTIVITY DETAIL :

Sr.No	Enrollment No.	Name of the Student	Signature
1		Jayantilal Jagadhar	
2		Khushi Jaiswal	
3		Mehul Kanjiani	
4		Palak Joshi	
5		Siddhi Patel	
6		Gopal Nagar	
7		Dhruvi Makwana	
8		Gazal Bangadka	
9		Aakshi Kulkarni	
10		Palak Bhoir	
11		Sanjna Phor	
12		Tanvi Patel	
13		Shraddha Patel	
14		Bhandirajsinh Waghela	
15		Rishi Joshi	
16		Sayyed Ali	
17		Prakhar Shah	
18		Divya Vadgama	
19		Harshada Patil	
20		Vipul Patel	
21		Amul Sharma	
22		Yogi Tayde	

Outcome:

This event exemplified the commitment of the Women Development Cell for the session on healthy mind & healthy future for students of PIPT Final year . It was and outstanding initiative taken by PIPT WDC team which helped students understand about the healthy life commitments and made them aware on how they can be the part of it and lead to better success in future.

Name & Signature of coordinator	Name, Signature & stamp of Dean
HRdedania	DIRECTOR / DEAN / PRINCIPAL / HOD / PROFESSOR PIPT, PARUL UNIVERSITY AT & PO. Limda, Tal. Waghodia., Vadodara - 391760

A Report on
Fit & Fabulous Female

ACTIVITY TYPE	**Fit & Fabulous Female**		
DATE& TIME	**25/01/2025 10:00 AM onwards**	**Duration**	**3 Hours**
SEMESTER	**-**	**No. of participants**	**30**
EXPERT NAME WITH DESIGNATION	**-**		
NAME OF EXPERT'S ORGANIZATION	**-**		
EXPERT CONTACT DETAILS	**-**		
FACULTY COORDINATOR	**Prof. Chandani Thakkar Prof. Kinnari Mishra**		
FACULTY CONTACT DETAILS	**9512502590, 9586794434**		
SPONSORING AUTHORITY	**-NA-**	**SPONSORING AMOUNT**	**-NA-**

Introduction

The Computer Engineering Department of Parul Institute of Engineering and Technology - Diploma Studies (PIET-DS), under the Women Development Cell, organized a lively and spirited event, **"Fit and Fabulous Female,"** to promote health, wellness, and empowerment among women. The event, aimed at fostering unity and encouraging physical fitness, witnessed enthusiastic participation from faculty members and non-teaching staff on 25 jan 2025.

A series of exciting games, including the Running Race, Lemon and Spoon Race, Pinch the Balloon and Win, and Tug of War, were organized to create an atmosphere of fun and friendly competition. The event celebrated the energy and resilience of women, reinforcing the importance of physical and mental well-being in an engaging and supportive environment.

Objectives

The event "Fit and Fabulous Female" was arranged to Promote,

Promote Physical Fitness:
Encourage active participation in fun-filled physical activities to highlight the importance of maintaining a healthy lifestyle.

Foster Team Spirit:
Strengthen bonds among faculty and non-teaching staff through engaging group games and activities.

Celebrate Empowerment:
Provide a platform to recognize and celebrate the strength, resilience, and unity of women in the institution.

Encourage Participation:
Motivate everyone to step out of their routine and engage in activities that promote mental and physical well-being.

Build Camaraderie:
Enhance collaboration and mutual respect among faculty and non-teaching staff in a friendly and supportive atmosphere.

Event Overview

Participation

The event "Fit and Fabulous Female" was open to all faculty members and non-teaching staff of PIET-DS. To ensure maximum involvement, verbal announcements and social media promotions were used to encourage participation. The event witnessed enthusiastic responses, with a total of **30 participants** actively engaging in various games and activities. Additionally, the event was cheered on by an enthusiastic and supportive audience, creating a vibrant and energetic atmosphere.

Event Engagement:

The KHO-KHO Ground at Parul University served as the perfect venue for the "Fit and Fabulous Female" event, offering a vibrant and energetic setting for the activities. The event featured a variety of fun and interactive games,

1. Running Race
2. Lemon and Spoon Race
3. Pinch the Balloon and Win
4. Tug of War

Each activity was thoughtfully designed to inspire teamwork, encourage physical activity, and create a sense of healthy competition.

Judging and Feedback:

The judgment and feedback for the "Fit and Fabulous Female" event were meticulously managed by the **Sports Coordinators Team** led by **Dr. Mahesh M. Mahida, Deputy Director, Physical Education & Sports, Parul University.** Their excellent coordination ensured fair and transparent judgment for all the games. The coordinators evaluated the performance of the participants in each activity and announced the results, declaring the winners for every game. Each game had **three winners,** recognizing the participants' enthusiasm, effort, and competitive spirit.

Winners of the Games: -

- Running Race: - 1. Bipasha Mandal Mam
  2. Chandani Thakkar Mam
  3. Jagruti Vaja
- Lemon and Spoon Race: - 1. Kiran Mam
  2. Mansi Rana Mam
  3. Jagruti Vaja
- Pinch the Balloon and Win: - 1. Chandani Thakkar Mam
  2. Bhumi Bhoi Mam
  3. Bipasha Mandal Mam
- Tug of War:- 1. Chandani Thakkar Mam & Team

The smooth and efficient management of the judgment process added to the success of the event.

Key Personnel:

The event was supported by the leadership of PIET-DS, including:
Principal: D. Ruchi Shrivastava
Head of Department: DR. Hetal Bhaidasna

Faculty Coordinators:
Prof. Chandani Thakkar
Prof. Kinnari Mishra

Sports Coordinators:
Dr. Mahesh M. Mahida, Deputy Director, Physical Education & Sports ,Parul University

Outcome
The event proved to be an outstanding success, fulfilling its objective of promoting health, wellness, and camaraderie among the faculty and non-teaching staff of PIET-DS. By engaging participants in exciting games like Running Race, Lemon and Spoon Race, Pinch the Balloon and Win, and Tug of War, the event provided a lively platform for teamwork, fun, and healthy competition.
The excellent coordination by the Sports Coordinators Team, led by Dr. Mahesh M. Mahida, ensured smooth management and fair evaluation, further enhancing the experience. Participants not only celebrated fitness but also embraced the spirit of unity and empowerment. The event left a lasting impression, inspiring everyone to prioritize well-being and fostering a sense of togetherness within the PIET-DS community.

Acknowledgments

We sincerely thank all the participants for their enthusiastic involvement to the event.

Also Our heartfelt gratitude goes to Dr. Ruchi Shrivastava, Principal, and Dr. Hetal Bhaidasna, Head of Department, for their steadfast guidance and encouragement, which helps in the success of "Fit and Fabulous Female". Event. We also extend our special thanks to the Sports Coordinators Team, led by Dr. Mahesh M. Mahida, Deputy Director, Physical Education & Sports, Parul University, for their invaluable contribution and flawless management of the event.

A special note of appreciation is extended to the Rotary Club of Baroda Greens for their valuable collaboration, which added significance and depth to the event.

Additionally, we are grateful to the faculty coordinators for their dedication and efforts in organizing and ensuring the smooth execution of the event. Their collective commitment made this event a truly memorable and impactful experience.

Conclusion

The "Fit and Fabulous Female" event successfully celebrated health, teamwork, and empowerment among PIET-DS faculty and non-teaching staff. With enthusiastic participation and seamless coordination by the Sports Coordinators Team, faculty coordinators, and support from the Rotary Club of Baroda Greens, the event promoted fitness and unity in a lively atmosphere. It left a lasting impact, inspiring participants to embrace wellness and strengthen bonds within the community.

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Flyer



Figure 1.Flyer of the event

Glimpses of Event:



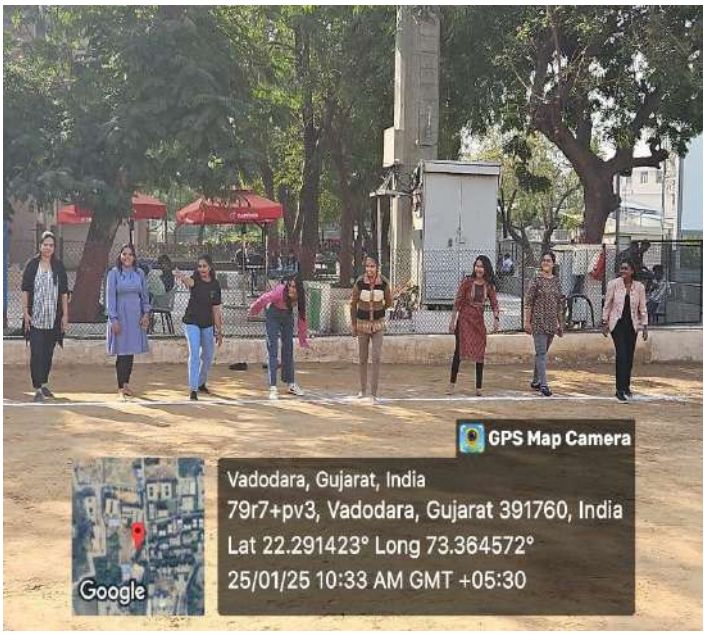
Warmup before 1st game



Group Photo



Running Race



Running Race



Lemon Spoon



Lemon Spoon



Pinch the Ballon and Win



Pinch the Ballon and Win



Team Selection for Tug of War



Tug of War

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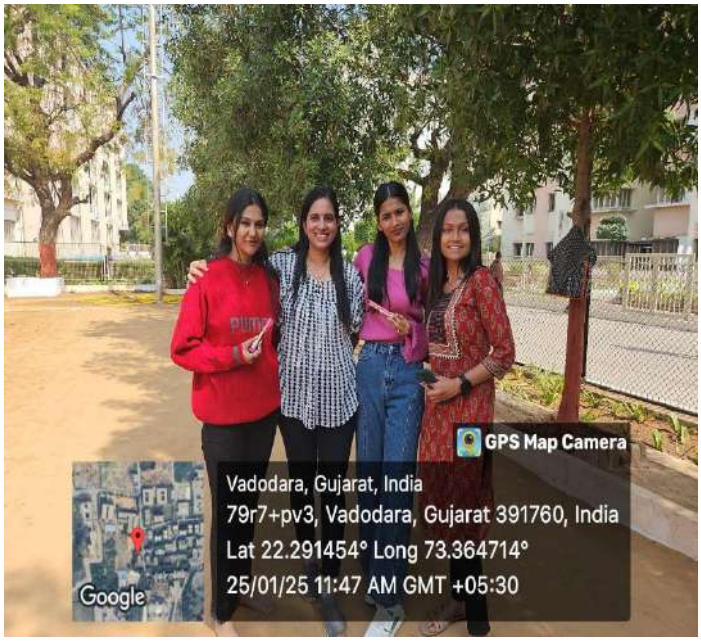
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Tug of War



Tug of War Winner Team



Majorly Winners



All Participents of PIET-DS

THANK YOU

Activity Report

DEPARTMENT		**ELECTRICAL ENGINEERING DEPARTMENT**		
ACTIVITY TYPE		**Seminar (WDC)**		
ACTIVITY TITLE		**Social Media & Mental Health**		
DATE & TIME		**20/02/2025** **10.00 AM to 12: 00 AM**	**Duration**	**1 Day**
SEMESTER		**2,4,6,8**	**No. of Students**	**98**
EXPERT NAME WITH DESIGNATION		**Dr. Priyanka Ghosh**		
NAME OF EXPERT'S ORGANIZATION		**Dr. Priyanka Clinic, Vadodara**		
EXPERT CONTACT DETAILS		**88664 55269**		
FACULTY COORDINATOR		**Mrs. Binal Modi, Prof. Swati Prajapati**		
FACULTY CONTACT DETAILS		**9714900744**		
SPONSORING AUTHORITY	**-NA-**	**Sponsorship amount:**		**-NA-**

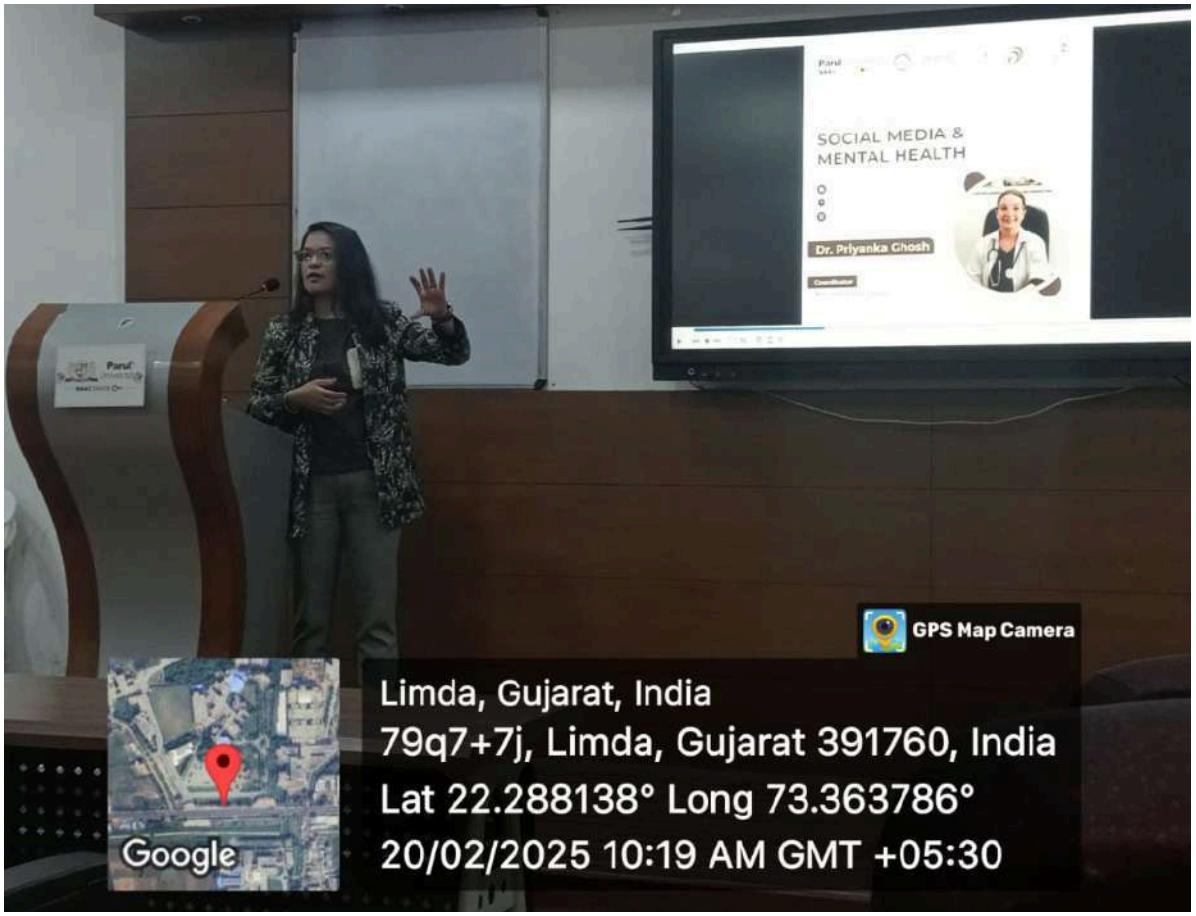
Objective:

- Creating awareness campaigns about responsible social media use.
- To explore the impact of social media on mental health.
- Psychological interventions to counteract negative effects.

Activity Details:

There was a Seminar on "**Social Media & Mental Health"** by Dr. Priyanka Ghosh on 20th Feb, 2025 at Seminar Hall, Parul Institute of Engineering & Technology. 98 students of Faculty of engineering had attended the Seminar. She had also given an introductory knowledge on Social media has become an integral part of modern life, influencing how people communicate, share information, and perceive the world. While it provides many benefits, its effects on mental health have become a topic of growing concern. This document explores the impact of social media on mental health, highlighting both its positive and negative aspects and offering strategies for healthier digital consumption. Social media is a powerful tool that can positively impact mental health when used mindfully. However, its negative effects can be significant if not managed properly. By setting boundaries, curating content, and prioritizing real-life interactions, individuals can create a healthier relationship with social media. Awareness and responsible usage are key to ensuring that social media remains a source of connection and support rather than stress and anxiety.

Glimpses of activity:



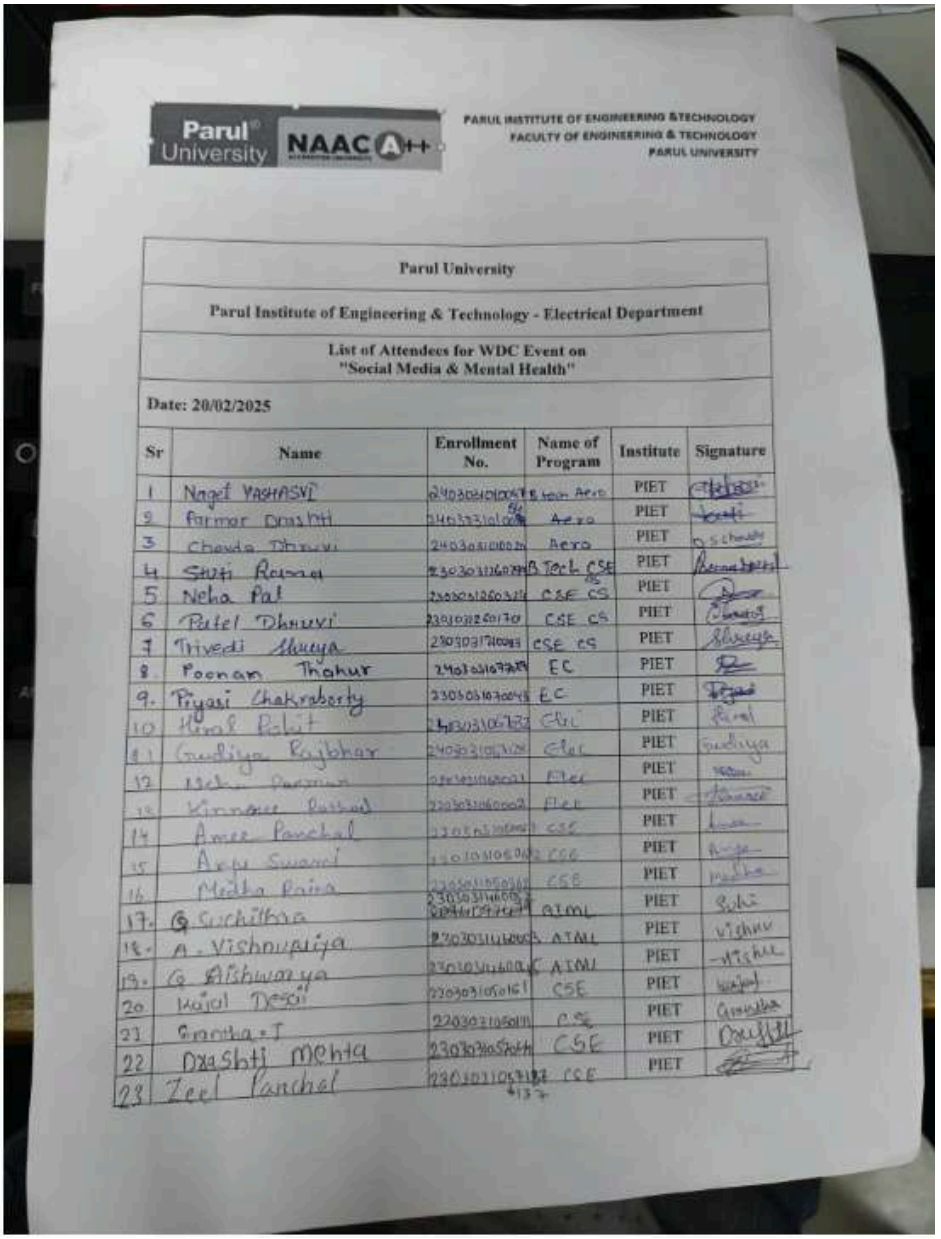
Expert Dr,Priyanka was explaining the importance of Social Media & Mental Health



Expert Dr,Priyanka was Interacting with Student on the importance of Social Media & Mental Health

Outcome: There was a very positive response from students as well as faculties who participated enthusiastically in the on **Seminar on Social Media & Mental Health**. More interesting activities in future have been planned.

Attendance



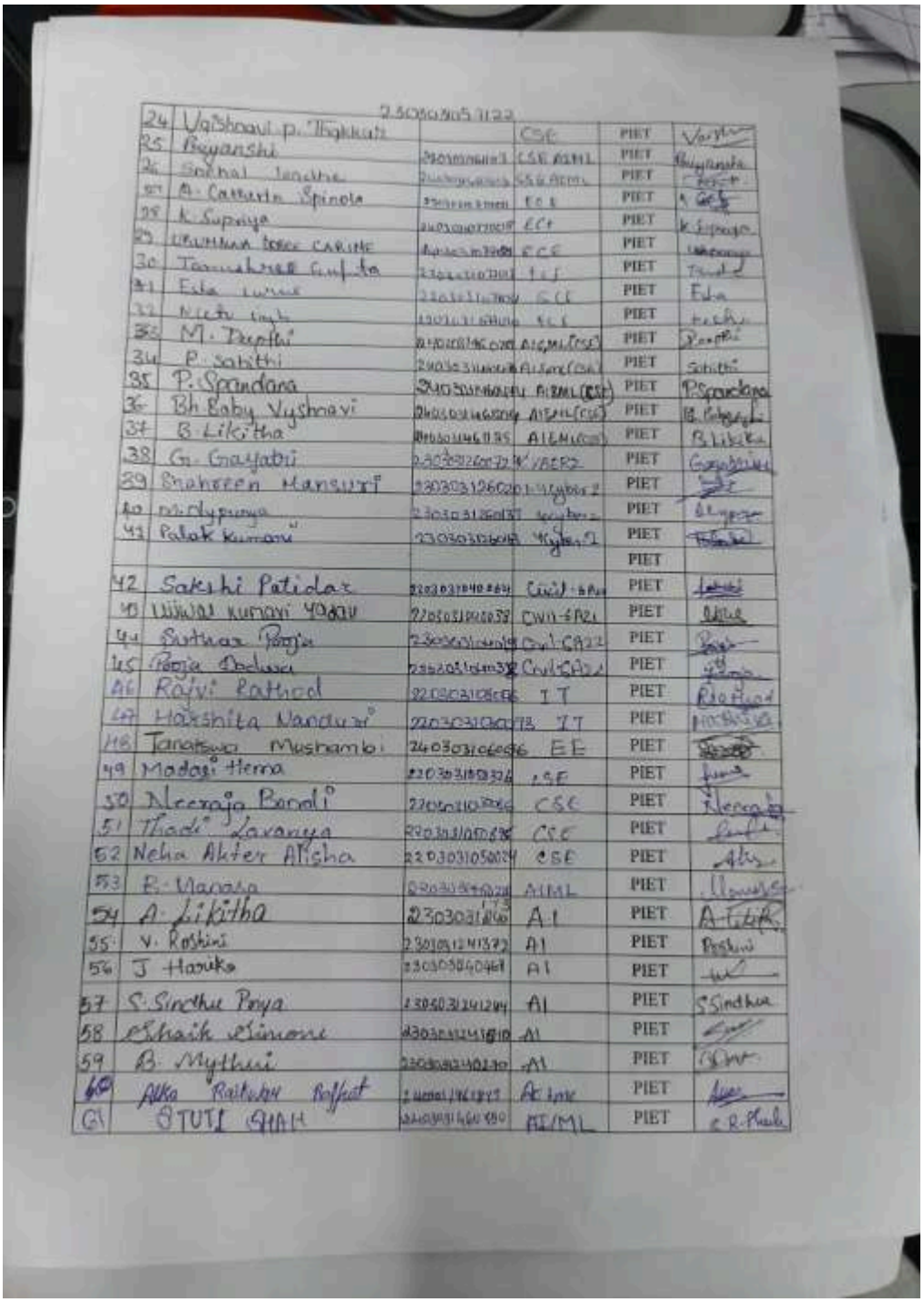
Parul University

Parul Institute of Engineering & Technology - Electrical Department

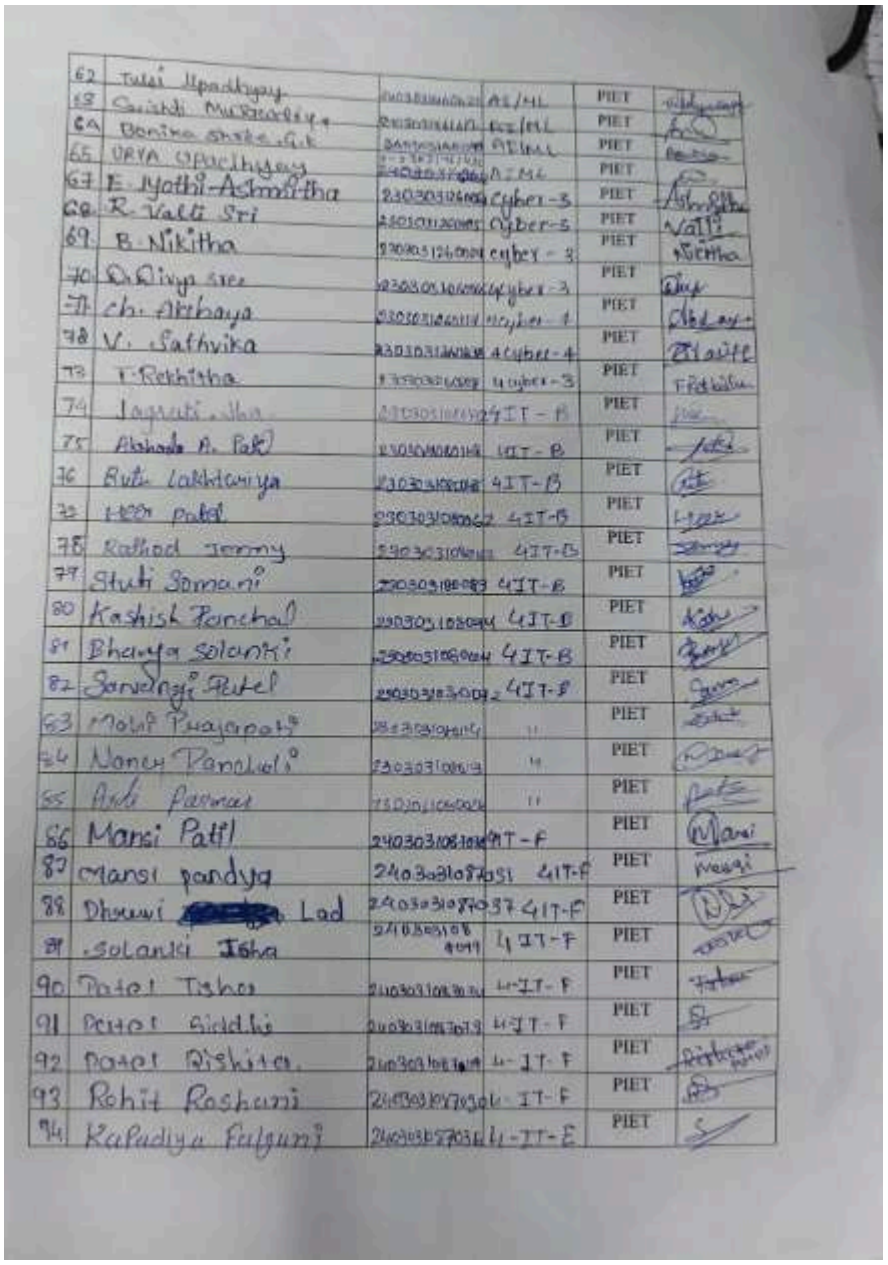
List of Attendees for WDC Event on "Social Media & Mental Health"

Date: 20/02/2025

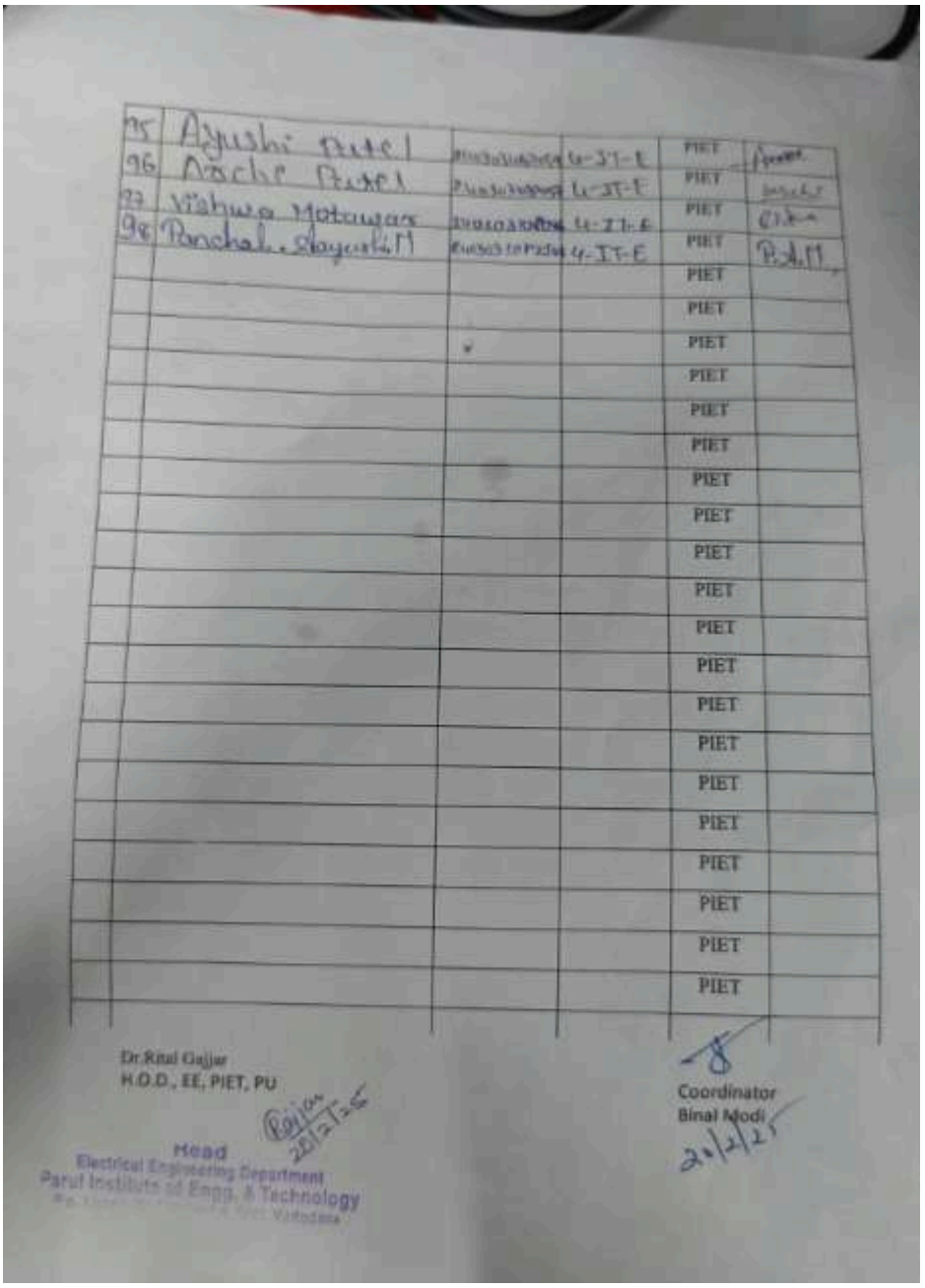
Sr	Name	Enrollment No.	Name of Program	Institute	Signature
1	Nagel YASHASVI	[illegible]	Aero	PIET	
2	Parmar Drashti	[illegible]	Aero	PIET	
3	Chavda Dhruvi	[illegible]	Aero	PIET	
4	Shah Rewa	[illegible]	B Tech CSE	PIET	
5	Neha Pal	[illegible]	CSE CS	PIET	
6	Patel Dhruvi	[illegible]	CSE CS	PIET	
7	Trivedi Shreya	[illegible]	CSE CS	PIET	
8	Poonam Thakur	[illegible]	EC	PIET	
9.	Priyasi Chakraborty	[illegible]	EC	PIET	
10	Hiral Patil	[illegible]	Elec	PIET	
11	Gudiya Rajbhar	[illegible]	Elec	PIET	
12	[illegible]	[illegible]	Elec	PIET	
13	Kinnari Rathod	[illegible]	Elec	PIET	
14	Amee Panchal	[illegible]	CSE	PIET	
15	Arpi Swami	[illegible]	CSE	PIET	
16	Medha Rana	[illegible]	CSE	PIET	
17.	G Suchithra	[illegible]	AIML	PIET	
18.	A. Vishnupriya	[illegible]	AIML	PIET	
19.	G Aishwarya	[illegible]	AIML	PIET	
20	Kajal Desai	[illegible]	CSE	PIET	
21	Gantha. T	[illegible]	CSE	PIET	
22	Drashti Mehta	[illegible]	CSE	PIET	
23	Zeel Panchal	[illegible]	CSE	PIET	



24	Vaishnavi p. Thakkar		CSE	PIET	
25	Priyanshi		CSE AIML	PIET	
26	Snehal Tandhe		CSE AIML	PIET	
27	A. Carlotta Spinola		ECE	PIET	
28	K. Supraja		ECE	PIET	
29	[illegible] CARINE		ECE	PIET	
30	Tanishaa Gupta		ECE	PIET	
31	Esha [illegible]		CSE	PIET	
32	Nidhi [illegible]		ECE	PIET	
33	M. Deepthi		AIML(CSE)	PIET	
34	P. Sahithi		AI&ML(CSE)	PIET	
35	P. Spandana		AIML(CSE)	PIET	
36	Bh Baby Vyshnavi		AIML(CSE)	PIET	
37	B. Likitha		AIML(CSE)	PIET	
38	G. Gayatri		AIML	PIET	
39	Shaheen Mansuri			PIET	
40	M. Priyanka			PIET	
41	Palak Kumari			PIET	
				PIET	
42	Sakshi Patidar		Civil	PIET	
43	Vaishali Kumari Yadav		CIVIL	PIET	
44	Suthar Pooja		Civil	PIET	
45	Pooja Dodiya		Civil	PIET	
46	Rajvi Rathod		IT	PIET	
47	Harshita Nanduri		IT	PIET	
48	Janaksinh Mushambi		EE	PIET	
49	Madagi Hema		CSE	PIET	
50	Neeraja Bandi		CSE	PIET	
51	Thadi Lavanya		CSE	PIET	
52	Neha Akter Atisha		CSE	PIET	
53	B. Manasa		AIML	PIET	
54	A. Likitha		AI	PIET	
55	V. Roshini		AI	PIET	
56	J Harika		AI	PIET	
57	S. Sindhu Priya		AI	PIET	
58	Shaik Simone		AI	PIET	
59	B. Mythri		AI	PIET	
60	Alka Rathore Rajput		AI ML	PIET	
61	STUTI SHAH		AI/ML	PIET	



62	Tulsi Upadhyay		AE/ML	PIET	
63	Siddhi Mukherjee		AE/ML	PIET	
64	Benina Shaikh		AE/ML	PIET	
65	URVA UPADHYAY		AE/ML	PIET	
67	E. Jyothi-Ashmitha	230303124	Cyber-3	PIET	
68	R. Valli Sri	230303120	Cyber-3	PIET	
69	B. Nikitha	230305124	cyber - 3	PIET	
70	D. Divya sree	230305120	Cyber-3	PIET	
71	ch. Abhaya	230305120	Cyber-3	PIET	
72	V. Sathvika	230303120	Cyber-3	PIET	
73	T. Rekhitha	230305120	Cyber-3	PIET	
74	Jagruti Jha	230303107	4IT-B	PIET	
75	Akshada A. Patil	230304080	4IT-B	PIET	
76	Ruti Lakhtariya	230304080	4IT-B	PIET	
77	Heer patel	230303080	4IT-B	PIET	
78	Rathod Jenny	230303080	4IT-B	PIET	
79	Stuti Samani	230303080	4IT-B	PIET	
80	Kashish Panchal	230303080	4IT-B	PIET	
81	Bhavya Solanki	230303080	4IT-B	PIET	
82	Janvangi Patel	230303080	4IT-B	PIET	
83	Mohit Prajapati		"	PIET	
84	Nancy Panchali	230303080	"	PIET	
85	Aditi Parmar	230303080	"	PIET	
86	Mansi Patil	240303080	4IT-F	PIET	
87	mansi pandya	240303080	4IT-F	PIET	
88	Dhruvi [redacted] Lad	240303080	4IT-F	PIET	
89	Solanki Isha	240303080	4IT-F	PIET	
90	Patel Tisha	240303080	4-IT-F	PIET	
91	Patel Siddhi	240303080	4IT-F	PIET	
92	Patel Rishita	240303080	4-IT-F	PIET	
93	Rohit Rashmi	240303080	4-IT-F	PIET	
94	Kapadiya Rutvi	240303080	4-IT-E	PIET	



95	Ayushi Patel	[illegible]	4-IT-E	PIET	[illegible]
96	Nachi Patel	[illegible]	4-IT-E	PIET	[illegible]
97	Vishwa Motawar	[illegible]	4-IT-E	PIET	[illegible]
98	Panchal Jayesh	[illegible]	4-IT-E	PIET	[illegible]
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Dr.Kirit Gajjar
H.O.D., EE, PIET, PU

Head
Electrical Engineering Department
Parul Institute of Engg. & Technology

Coordinator
Binal Modi

REPORT ON

"INTERNATIONAL WOMEN'S DAY CELEBRATION 2025"

UNDER WOMEN DEVELOPMENT CELL

1ST TO 8TH MARCH 2025

ORGANIZED BY

WOMEN DEVELOPMENT CELL

PARUL UNIVERSITY

P.O. LIMDA, TAL: WAGHODIA, DIST: VADODARA.

Detailed Report on the Celebration of the 50th International Women's Day – 1st to 8th March 2025

Theme: Empower and Accelerate

Organized by: Women Development Cell, Parul University

Duration: 1st March – 8th March 2025

Objective: To commemorate International Women's Day (IWD) by promoting women's empowerment, gender equality, and fostering their growth as agents of social and economic change through a series of impactful events.

Report Overview

The celebration featured diverse activities categorized into the following themes:

1. **Empowerment and Skill Development:** Workshops, panel discussions, and self-defense training.
2. **Education and Awareness:** Seminars on women's health, cyber safety, and financial literacy.
3. **Entrepreneurship and Innovation:** Startup stories, idea pitching, and business skills challenges.
4. **Cultural, Creative Expressions & Fun Games:** Talent shows, exhibitions, and fun activities celebrating women's spirit.

Detailed Event-wise Report

A. Empowerment and Skill Development

1. Empower & Defend: Self-Defense Training Workshop

Date: 6th March 2025

Coordinator: Dr. Hiral Dave (96192 57905)

Description:

The workshop equipped women with practical self-defense techniques, enhancing their safety and confidence. Participants gained hands-on experience in defending against physical threats and learned tips on situational awareness.

Impact:

Empowered women with personal safety skills, boosting their confidence to handle risky situations.

2. Panel Discussion: EmpowerHER – Catalyzing Change and Innovation in Women-Led Startups

Date: 6th March 2025

Organized by: Entrepreneur Development Cell & Women Development Cell

Coordinator: Hutesh Bhaviskar (7405149221)

Description:

A powerful panel featuring women entrepreneurs and industry leaders shared insights on startup innovation, challenges, and growth strategies.

Impact:

Encouraged aspiring women entrepreneurs by providing valuable guidance and motivation.

3. SHEHACKS 2.0 – Women-Led Hackathon

Date: 6th – 7th March 2025

Organized by: Parul Institute of Engineering and Technology (Diploma Studies) & Entrepreneur Development Cell

Coordinators:
Parth Sharma (9898816412)
Chandani Thakkar (9512502590)
Anup Chaudhari (971488439)

Description:
A hackathon event promoting women's participation in technology and innovation, with participants developing creative solutions to real-world problems.

Impact:
Showcased women's technological skills and fostered innovation.

4. Show Your Entrepreneurial Skills

Date: 7th March 2025

Organized by: Parul Institute of Technology & Parul Institute of Business Administration

Coordinators:
Dr. Nityangini Jhala (9974407307)
Dr. Charu Goyal (9428626779)

Description:
An event encouraging women to demonstrate their business acumen by presenting innovative business models, marketing strategies, and entrepreneurial ideas.

Impact:
Enhanced entrepreneurial thinking and inspired participants to explore startup ventures and business opportunities.

5. Powerplay: Women's Fun Fest

Date: 1st March 2025

Organized by: Parul Institute of Engineering & Technology

Coordinator: Swati Prajapati (9909012774)

Description:
A fun-filled event exclusively for female participants, featuring interactive games and activities, promoting relaxation, enjoyment, and bonding.

Impact:
Fostered a sense of community, joy, and camaraderie, boosting morale and engagement among female students and staff.

B. Education and Awareness

6. Gender Sensitization for Inclusive Development

Date: 3rd March 2025

Organized by: Parul Institute of Social Work & Parul Institute of Design

Coordinator: Meghavi Garud (6355916394)

Description:
An awareness session promoting gender equality through interactive discussions, highlighting the importance of inclusivity.

Impact:
Promoted gender-sensitive practices among students and staff.

7. Seminar on PCOD & Its Multidimensional Impact on Mental Health

Date: 4th March 2025

Organized by: Parul Institute of Homeopathy & Research

Coordinator: Dr. Kosmika Makwana (9904204848)
Description:
The seminar addressed the physical and mental health impacts of PCOD, raising awareness about women's reproductive health issues.

Impact:
Increased awareness on women's health and mental well-being.

8. Seminar on Cyber Safety and Digital Awareness: Online Security Tips

Date: 7th March 2025

Organized by: Parul Institute of Computer Application

Coordinator: Ms. Saswati Chatterjee (9874410748)

Description:
The session offered cybersecurity tips, covering digital privacy, online scams, and safety measures for women.

Impact:
Empowered women with digital safety practices, enhancing their online security awareness.

9. Money Matters: Smart Financial Planning Seminar

Date: 6th March 2025

Organized by: Jawaharlal Nehru Homoeopathic Medical College

Coordinator: Dr. Zankhana Desai (9825098025)

Description:
An educational seminar promoting financial literacy, covering topics like budgeting, saving, and investment strategies for women.

Impact:
Empowered women with financial planning knowledge, promoting economic independence.

C. Entrepreneurship and Innovation

10. SHE TALES: Startup Stories of Women Leaders

Date: 5th March 2025

Organized by: Entrepreneur Development Cell & Women Development Cell

Coordinator: Dr. Hetal Bhaidasna (90338 22802)

Description:
Inspiring talks by women entrepreneurs, sharing their journeys, challenges, and success stories.

Impact:
Motivated aspiring women leaders to pursue entrepreneurship.

11. Idea Pitching: Women Entrepreneurs' Idea Challenge

Date: 7th March 2025

Organized by: Entrepreneur Development Cell & Women Development Cell

Coordinator: Dr. Hetal Bhaidasna (90338 22802)

Description:
A platform for women entrepreneurs to pitch their innovative business ideas.

Impact:
Promoted innovation and creativity among women participants

D. Cultural, Creative Expressions & Fun Games

12. Women's Star Power Talent Show

Date: 4th March 2025

Organized by: Parul Institute of Engineering & Technology (Diploma Studies) & Parul Polytechnic Institute

Coordinators:
Kinnari Mishra (9586794434)
Komal Panchal (9925285264)

Description:
A talent show highlighting women's skills in music, dance, and art.
Impact:
Encouraged women's creative expression and boosted confidence.

13. Exhibition – Heritage by HER: State-Wise Women's Exhibition

Date: 6th March 2025

Organized by: Parul Institute of Ayurved & Parul Institute of Management & Research

Coordinators:
Dr. Vaidehi Raole (9824284371)
Dr. Bijal Shah (8733936179)

Description:
A cultural exhibition showcasing women's contributions to heritage, art, and culture.
Impact:
Promoted cultural heritage and creativity.

Women's Day Celebration

Date: 8th March 2025

Organized by: Women Development Cell

Coordinators:
Dr. Ruchi Shrivastava (WDC President)

Description:
The grand celebration included the launch of Women Startup 5.0, symbolizing entrepreneurial growth**.**

Impact:
Highlighted women's achievements and future potential.

Glimpse of celebration






Parul University
INTERNATIONAL
WOMEN'S DAY CELEBR


ACCELERATE
WOMEN'S WEEK
2025


INTERNATIONAL
WOMEN'S DAY CELEBRATION
Parul University


ACCELERATE
WOMEN'S WEEK
2025




Parul University
INTERNATIONAL
WOMEN'S DAY CELEBRATION











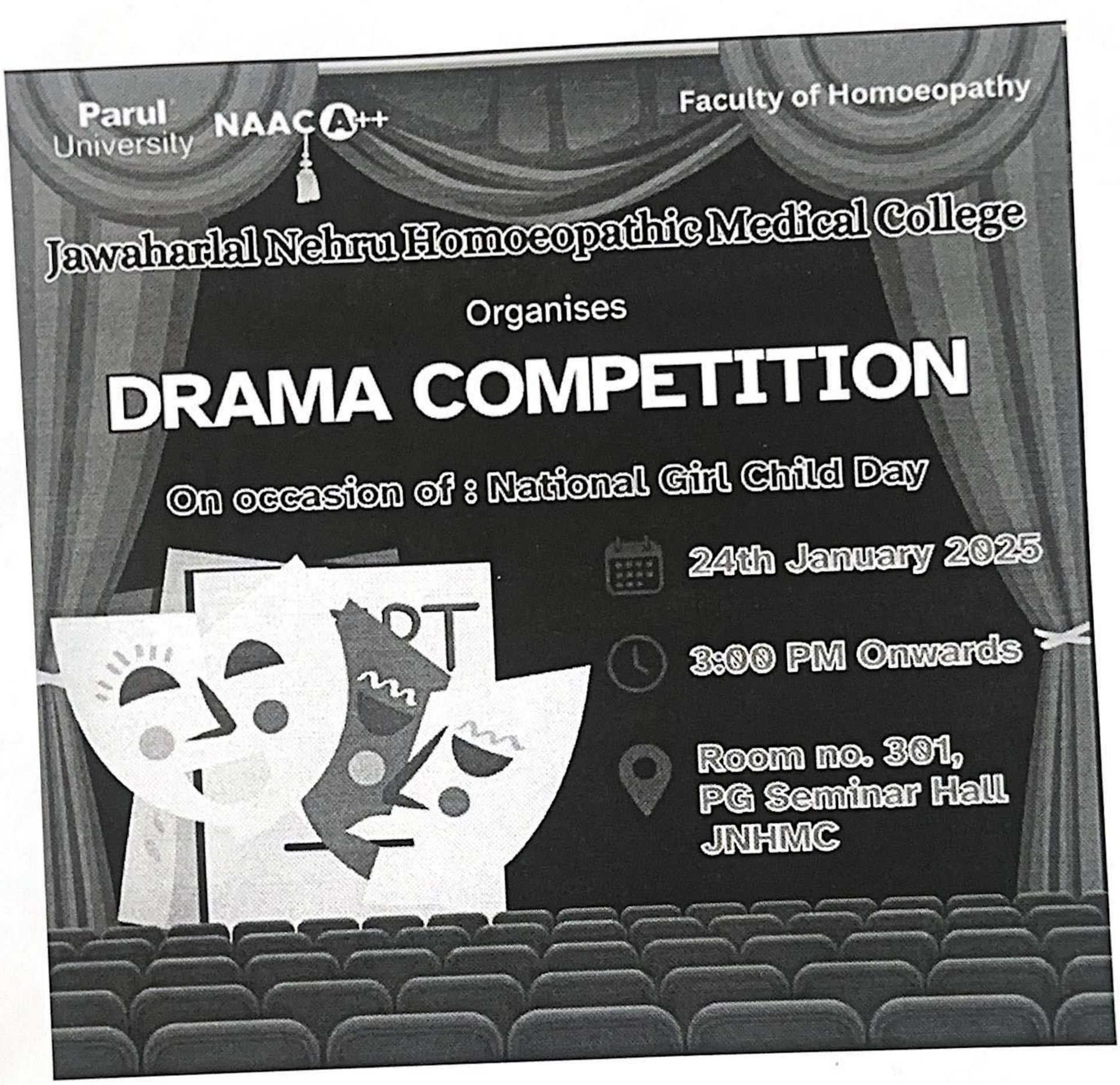


Dr. Ruchi Shrivastava
President, WDC, Parul University &
Principal
Parul Institute of Engineering & Technology- Diploma Studies

Faculty of Homoeopathy
JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE
WOMEN DEVELOPMENT CELL

Report of Drama Competition on Occasion of National Girl Child

Flyer



Faculty of Homoeopathy

JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE

WOMEN DEVELOPMENT CELL

ACTIVITY TYPE	Drama Competition on Occasion of National Girl Child Day		
DATE	24th January 2025	Duration	3:00 – 5:00pm
Number of Students participated:	150		
Organising Department:	EVENT cell & WDC cell, JNHMC		
Organising Coordinator:	Dr Priyanka Shah, Dr Zankhana Desai		
Arranged for:	Students of 1st year(Jr) BHMS & 2nd year BHMS		
Number of Faculties attended:	11		
Objective:	It provides a platform to highlight the challenges girls face globally, such as access to education, child marriage, and gender-based violence, while also celebrating their achievements and potential. By fostering a society that values and supports girls, we pave the way for a more equitable future where girls can thrive and contribute meaningfully to the world.		
Outcome:	The day provides an opportunity to raise awareness about the challenges girls' face, from child marriage to lack of access to education, while also celebrating their strengths, potential, and achievements. By fostering a society that values and supports girls, we create a more inclusive and equitable future. Continued advocacy, policy change, and community engagement are essential to ensure that every girl can live a life of opportunity, safety, and empowerment.		

Principal
Jawaharlal Nehru
Homoeopathic Medical College
Limda. Vadodara. Pin-391760.

Faculty of Homoeopathy

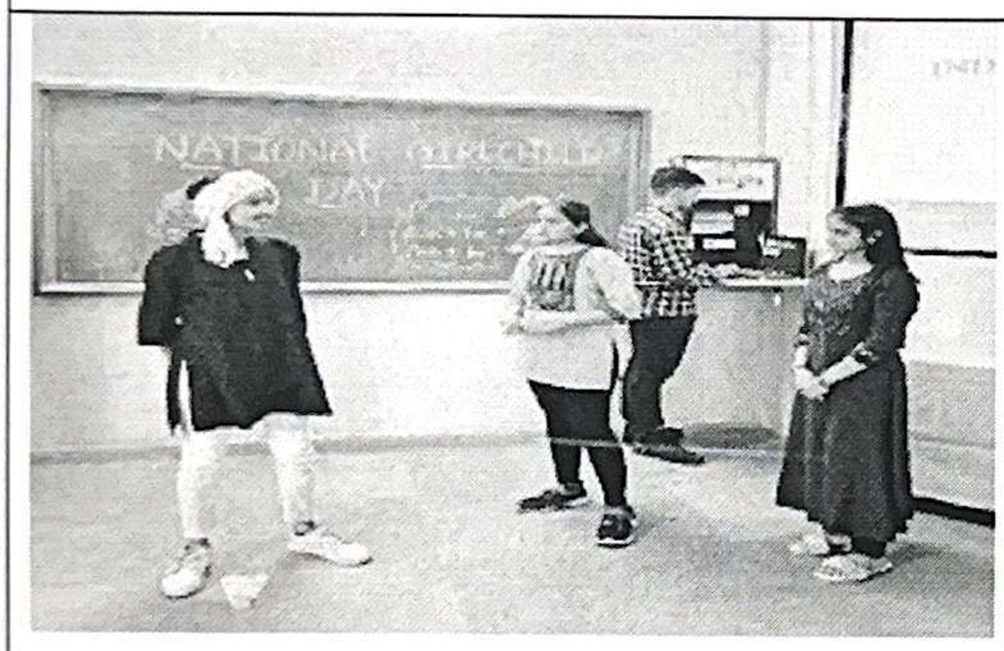
JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE

WOMEN DEVELOPMENT CELL

Glimpses of Event











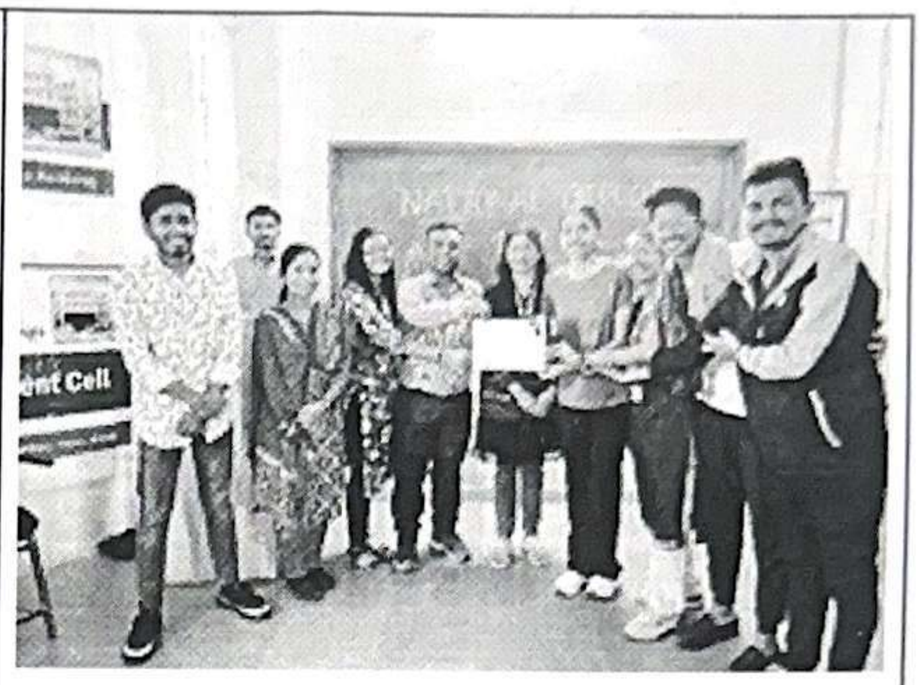


Faculty of Homoeopathy

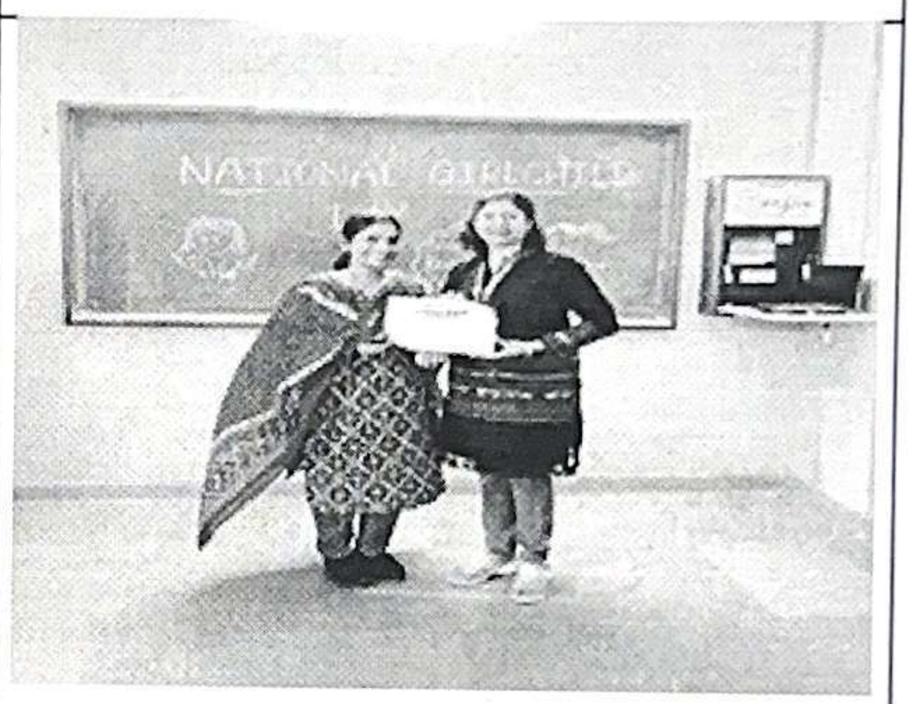
JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE

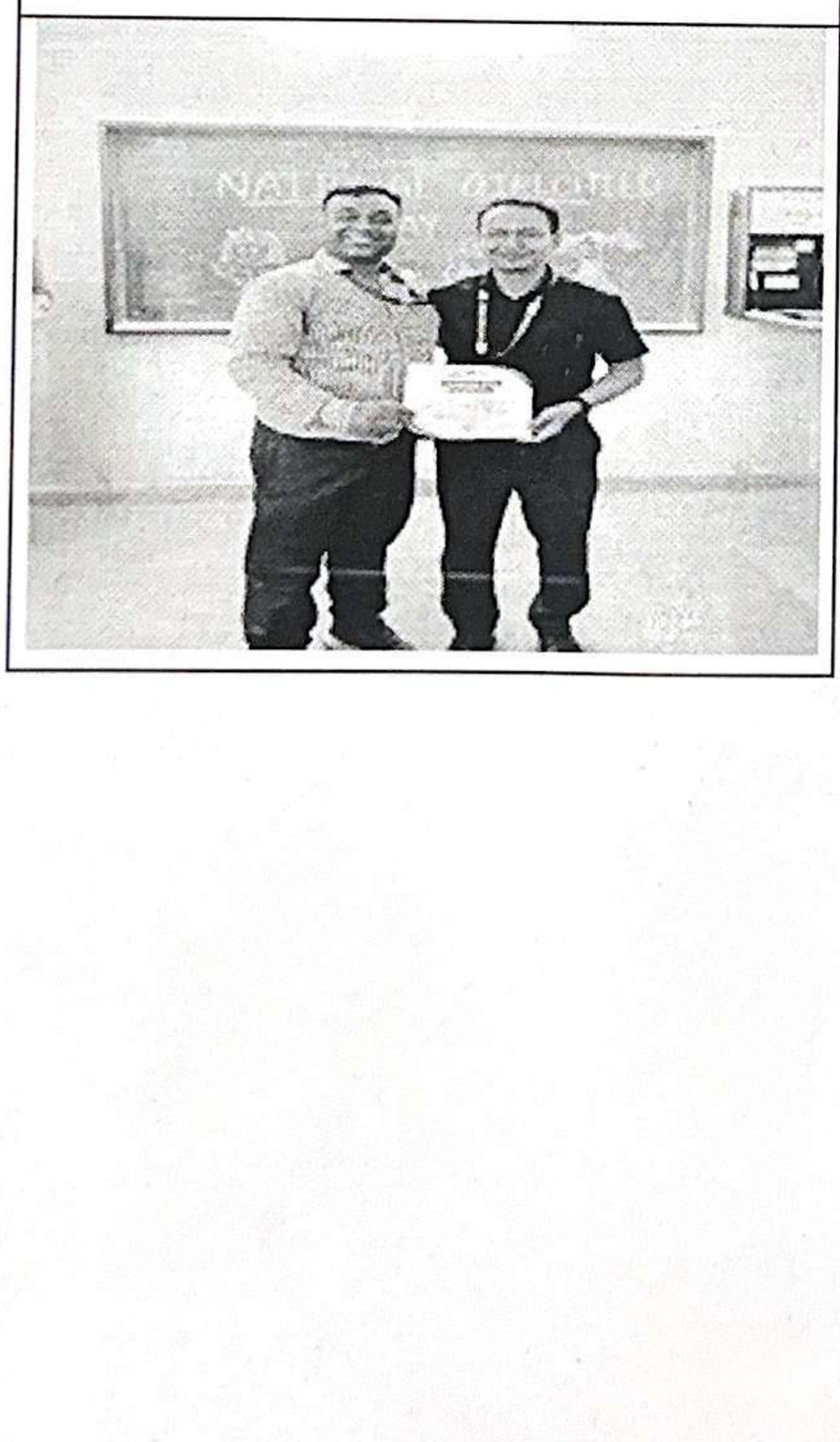
WOMEN DEVELOPMENT CELL











PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY
FACULTY OF ENGINEERING & TECHNOLOGY
PARUL UNIVERSITY

Activity Report

DEPARTMENT	**Women Development Cell- PIET**		
ACTIVITY TYPE	**Workshop**		
ACTIVITY TITLE	**Workshop on Street Fighting and Fear Management**		
DATE & TIME	**15/07/2024 09:45 AM to 11:45 AM**	**Duration**	**2-hour**
SEMESTER	**3rd , 5th and 7th sem Girl Students**	**No. of Students**	**70**
EXPERT NAME WITH DESIGNATION	**Sensei Vishal Nizama**		
NAME OF EXPERT'S ORGANIZATION	**Asst. Prof. Aeronautical Department.**		
EXPERT CONTACT DETAILS	**8073491361**		
FACULTY COORDINATOR	**Prof. Mansha Kumari B. Patel and Prof. Swati Prajapati**		
FACULTY CONTACT DETAILS	**9558712807**		
SPONSORING AUTHORITY	**-NA-**	**Sponsorship amount:**	**-NA-**

Objective:

- Equip students with practical self-defense techniques for real-life scenarios.
- Teach effective methods to manage and control fear during dangerous situations.
- Enhance students' confidence and ability to protect themselves.
- Provide hands-on training to improve reaction times and decision-making under stress.
- Promote awareness of personal safety and situational awareness strategies.

Activity Details:

The Women Development Cell at PIET organized a workshop titled "Street Fighting and Fear Management" on July 15, 2024. The session, held from 9:45 AM to 11:45 AM, was conducted by Sensei Vishal Nizama, an Assistant Professor from the Aeronautical Department. The workshop was designed specifically for 3rd, 5th, and 7th-semester girl students, with a total participation of 60 students.

Sensei Vishal Nizama, an expert in self-defense techniques, provided practical training and insights into street fighting tactics and fear management. The workshop aimed to empower young women with the skills and confidence to protect themselves in potentially dangerous situations. Sensei Nizama covered essential techniques for self-defense, including how to handle sudden attacks, escape from holds, and effectively use one's environment for protection.

Additionally, the workshop addressed psychological aspects of fear management, teaching students how to stay calm and composed during stressful situations. Through interactive demonstrations and hands-on practice, students gained valuable experience in real-life scenarios, enhancing their ability to respond to threats confidently.

The workshop was coordinated by Prof. Mansha Kumari B. Patel and Prof. Swati Prajapati, who ensured the smooth execution of the event. Their contact details are 9558712807. The session was well-received by the students, who expressed increased confidence and a better understanding of self-defense and fear management techniques.

This initiative by the Women Development Cell reflects PIET's commitment to student safety and empowerment, equipping young women with the necessary tools to navigate challenges both within and outside the campus..

Glimpses of activity:



Group photo with sensai Vishal Nizama



Moves of karate and self defence.



Expert with WDC Faculty members and students



Girls Students attending the session.

Outcome:

The workshop on "Street Fighting and Fear Management" empowered 60 girl students with practical self-defense skills and effective fear management techniques. Led by Sensei Vishal Nizama, the session increased students' confidence and preparedness to handle real-life threats, demonstrating PIET's commitment to student safety and empowerment.

Attendance

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SR.NO.	ENROLLMENT NO.	NAME	PROGRAMME	SEM	INSTITUTE	SIGN
1	230303101004S	Avani Mastkar	Aero	3	PIET	Avani
2	230303101006	Jiya Shah	AERO	3	PIET	
3	230303101006S	Trupti Wagh	AERO	3	PIET	
4	230303101002I	Pooja Hindocha	AERO	3	PIET	Pooja
5	230303101005	Aesha Patel	AERO	3	P.I.E.T	
6	210303101126	KENNY SHARMA	AERO	7	PIET	
7	210303101103	Tanika Julsunge	Aero	7	P.I.E.T	
8	210303101060	Ruth Mary Jose	Aero	7	PIET	
9	220303101007I	Sejal Lodhi	Aero	5	PIET	
10	220303101005H	Tulinkil	Aero	5	PIET	
11	210303101081	Spandana	Aero	5	PIET	
12	230303101009Z	Simran Khaire	Aero	3	PIET	
13	230303101002H	SHACHI MISTRY	Aero	3	PIET	
14	230303101001O	Nandini Kirtay	Aero	3	PIET	
15	230303101002H	Sonpar Dayushi	Aero	3	PIET	
16	230303101000H	Preet Marwadi	Aero	3	PIET	
17	230303101003S	M.Kamala	Aero	3	PIET	
18	230303101003I	E.Rama Cithite	Aero	3	PIET	
19	230303104010B3	Ilmee Ricardo	Civil	3	PIET	
20	230303101900I	Disha Karwa	Aero	3	PIET	
21	230303101009H	Rathava Gautami	Aero	3	PIET	
22	230303101000G	Patel Krishna	Aero	3	PIET	
23	230303101010I	Bimali de Silva	Aero	3	PIET	
24	230303101007S	Divyaba Mahida	Aero	3	PIET	
25	230303101006H	Yashika Mahale.	Aero	3	PIET	
26	230303101000I	Drashti Chaudhari	Aero.	3	PIET.	
27	230303101010H	RAKOTONDRABE Tendry	Aero	3	PIET	
28	990303101007I	AMBOARAMPITIAVANA H.L	Aero	3	PIET	
29	230303101000H	MAHEK MAHAMMA	AERO	3	PIET	
30	230303101001I	Sakshi Nayak	AERO	3	PIET	
31	230303101005G	Eureka Nare	Aero	3	PIET	
32	230303104701H	Suthan Pooja	Civil	5	PIET	
33	230303104700Z	Sree Vanshitha	Civil	5	PIET	
34	230303104703S	Pooja Dodwa	civil	5	PIET	
35	230303101006HA	Manisha Devi	AERO	8	PIET	

36	220303104006 4	Sakshi Patidar	Civil 5A2	5th	PIET	
37	230303104702 2	Priyal Patel	Civil 5A22	5th	"	
38	220305115000 2	ALIFYA YUSUF	ENV5A1	5th	"	
39	220303105030 9	Vidhi Kumari	CSE	5th	"	
40	220510113008 2	Preeti	BCA	5th	BCA	
41	220303104 0020	Neetu Singh	EC	5th	PIET	
42	220516120009	Prathibha Agrawal	CSE	5th	BCA	
43	220303107 0021	Lisarani Kisanee	EC	5th	PIET	
44	231127125 0012	Riddhi Vadher	BSC	3rd	BAS	
45	230303101 0001	Ashika Khatoon	Aero	3rd	PIET	
46	230303101 0002	Rashika Khatoon	AERO	3rd	PIET	
47	230613121150 27	Mukesh chaturvedi	EC	3	"	
48	230613120 5214	Kiran Singh	EC	3	PIET	
49	280613101 0011	Elora Das	Aero	5	"	
50	220303105 0816	Kavya Meredabilli	Civil	5	"	
51	220303 0 0023	Sushree Kar	civil	5	"	
52	220303105 0238	Ishruti Silawal	EC	5	"	
53	220371 0 0007	Sakshi Kumar	CSE	5	"	
54	230303101 0013	Jignasha Talsania	AERO	3	"	
55	230613120 0042	Manya Chaturvedi	BBA	3	"	
56	210303108003	Isha Bhanvadia	IT	7	"	
57	210303108005	Kashish Dhabuwala	IT	7	"	
58	210303108007	Dhvi Hadvani	IT	7	"	
59	210303108009	PRACHI JADAV	IT	7	"	
60	210303108014	Pooja Kulkarni	IT	7	"	
61	210303108023	Hetavi Patel	IT	7	"	
62	210303108027	Khanakh Prajapati	"	"	"	
63	210303108032	Kinjal Sodha	IT	"	"	
64	210303108037	MATANI GANDHI	IT	"	"	
65	210303108042	Tisha Patel	IT	"	"	
66	210303108056	BHOMI BAROT	IT	7	PIET	
67	210303108059	Krupa Bhatt	IT	7	PIET	
68	210303108060	Bhavsar Vrustee	IT	7	PIET	
69	210303108075	NEERA BOBARIYA	IT	7	PIET	
70	210303108078	Krushali Makwana	IT	7	PIET	

Name & Signature of WDC Coordinator

Mansha Kumari

Prof. Mansha Kumari B. Patel

Name & Signature of Institute Coordinator

S Prajapati

Prof. Swati Prajapati

Publication Details

1) Article • *Open access*

Usage of contraception among the married women in India, 2019–21: a cross-sectional study; Shekhar, C., Sahoo, H., Das, L.; ***Contraception and Reproductive Medicine,*** 2025

2) Article • *Open access*

Sexual Fantasies and Their Role in Sexual Satisfaction and Quality of Life Among Men with Sexual Dysfunction; Dubey, A., Ohri, N., Rathi, P., Vankar, G.K.; ***Journal of Psychosexual Health,*** 2025

3) Article • *Open access*

In Vitro α-Amylase Inhibitory and Antimicrobial Potential of Rauvolfia media Extracts; Mamy Carlena, R.L., Rami, E., Sailaja, I. ; ***Journal of Natural Remedies,*** 2025

4) Review • *Open access*

Innovative Diagnostic Approaches and Challenges in the Management of HIV: Bridging Basic Science and Clinical Practice; Afzal, M., Agarwal, S., Elshaikh, R.H., ...Shalabi, M.G., Sah, A.K.
Life, 2025;

5) Book Chapter

Gender and intersectionality in a national policy: Document analysis of national health policy (2017), India; Mishra, M.; ***Handbook on Sex Gender and Health Perspectives from South Asia,*** 2025

6) Article • *Open access*

Exploring the Role of Locus of Control in Linking Financial Knowledge and Attitude to Saving Behavior of Working Women in Haryana; Berwal, K., Bhall, R., Dalal, S., Ahmed, H.; ***Investment Management and Financial Innovations,*** 2025

7) Review • *Open access*

A Recent Advance in the Diagnosis, Treatment, and Vaccine Development for Human Schistosomiasis; Chatterji, T., Khanna, N., Alghamdi, S.S., ...Kumar, P., Yadav, V.K.; ***Tropical Medicine and Infectious Disease,*** 2024

8) Review

Development of HIV Therapeutic Approaches based on Nanotechnology; Palash, A., Esha, R., Kiran, P., Javid, S.; ***Research Journal of Biotechnology,*** 2024

9) Conference Paper • *Open access*

Diabetes mellitus patients' mental responses to COVID-19 and its treatment; Desai, K., Ghosal, S., Goyal, B., Pallavi,, Patel, D.J.; ***Multidisciplinary Science Journal,*** 2024

10) Conference Paper

Crime Analysis and Prediction in 7 States of India Using Statistical Software RStudio; Sharma, A., Sharma, C.S., Sharma, R., Panchal, K.D.; ***Lecture Notes in Networks and Systems,*** 2023

11) Article • *Open access*

Perceptions and practices regarding family planning among the married women of rural area of gujarat: A cross-sectional study; Basvecha, J., Parmar, A.S.; ***National Journal of Community Medicine,*** 2021

12) Article • *Open access*

Clinical profile and disease progression of HIV in adolescents and young adults in Vadodara, India; Patel, G.M., Mazumdar, V.S.; ***Indian Journal of Sexually Transmitted Diseases and AIDS,*** 2021

13) Article • *Open access*

A cross-sectional assessment of knowledge, attitude and practice along- with awareness about medico-legal aspects of HIV among medical undergraduate students; Bansal, A.K., Bhagora, R.V., Patel, R.N., ...Barai, P.H., Thomas, E.; ***Journal of Indian Academy of Forensic Medicine,*** 2018

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6

CLEAN WATER AND SANITATION



SDG 6: Clean Water and Sanitation Report

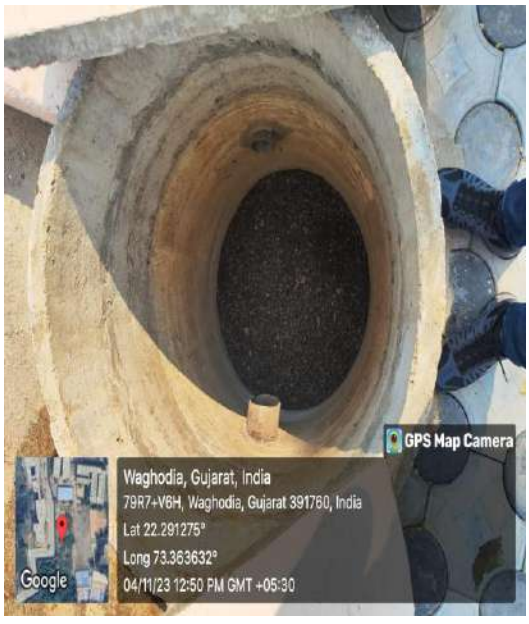
Introduction :

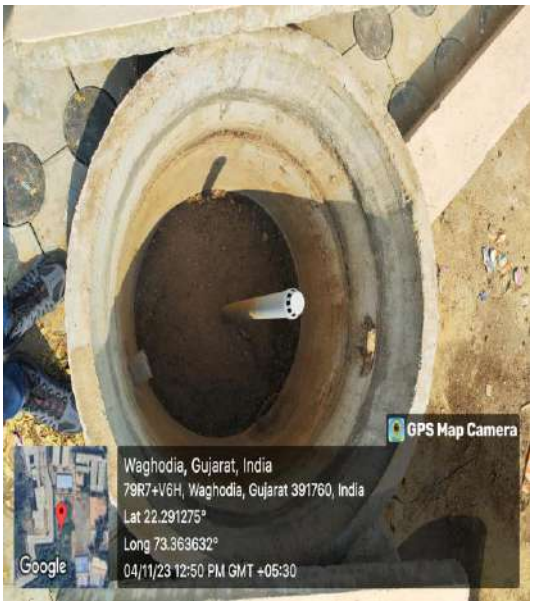
Sustainable Development Goal 6 (SDG 6) focuses on ensuring availability and sustainable management of water and sanitation for all. Parul University actively contributes to this goal through various initiatives aimed at promoting water conservation, sustainable sanitation practices, and awareness programs among students, faculty, and the surrounding communities.

1. Campus Water Management Initiatives

Parul University follows a comprehensive water management strategy that emphasizes responsible use, recycling, and conservation. The campus is equipped with rainwater harvesting systems, water recycling plants, and efficient wastewater treatment units. These systems ensure optimal use of water resources across academic blocks, hostels, and hospitals.

• Installation of rainwater harvesting systems across the 125-acre campus to replenish groundwater levels.





- Operation of a 3.5 MLD Sewage Treatment Plant (STP) that treats wastewater for reuse in gardening and flushing.

• Regular water audits conducted to monitor consumption and promote efficiency.

• Use of drip irrigation and sensor-based systems for water-efficient landscaping.

2. Community Outreach and Awareness Programs

Through its National Service Scheme (NSS) units and student clubs, Parul University organizes outreach programs in nearby villages and communities to spread awareness about water conservation and hygiene. Students actively participate in lake and pond cleanliness drives, awareness rallies, and poster-making competitions on significant occasions like World Water Day and World Environment Day.

• Awareness drives on hygiene, safe drinking water, and waste management.

• Installation of water purification units in adopted villages under Unnat Bharat Abhiyan (UBA).

Event for Tribal people in collaboration with Deputy Conservator Van Dhan Vikas Kendra.





Training and activities conducted in the Van Dhan Vikas Kendras (VDVKs)

Through its Social Responsive Cell, UBA, IIC, and IQAC, Parul University contributes research, data, and technical expertise to national frameworks like NEP-2020, NISP, and Swachh Bharat Mission. Notable engagements include participation in the National Urban Planning Conclave 2023 (MoHUD, Government of India) and collaborations with SOCLEEN on waste management and climate action policies.

Grassroots partnerships under UBA generate policy feedback through village-level development reports, while initiatives such as **Garima – Women Livelihood Program**, **HUNF – Meals on Wheels**, and **environmental awareness drives** provide actionable community models.





GARIMA – Women's Livelihood Centre





HUNF – Meals on Wheels, an Initiative of Parul University in Collaboration with Naira Hospitality





Sahiyar Gram Hatt - Empowering Women Artisans through Livelihood and Enterprise

Through the National Service Scheme (NSS) and various student clubs, Parul University conducts awareness campaigns, seminars, and clean-water drives to promote responsible water usage and protect local aquatic environments. During the academic year 2023–24, students participated in lake and pond cleanliness activities in nearby communities, poster-making competitions, and environmental awareness rallies on World Water Day and World Environment Day.



Clean-water drives of NSS team of Parul University

Glimpses of some events and activities conducted by NCC, NSS, SRC & Unnat Bharat Abhiyan :



3. Research, Innovation, and Capacity Building :

The University encourages faculty and students to engage in research and innovation related to clean water technologies. Projects focus on wastewater treatment, filtration systems, and sustainable sanitation solutions. Collaborations with government bodies and industries support implementation and scaling of these innovations.

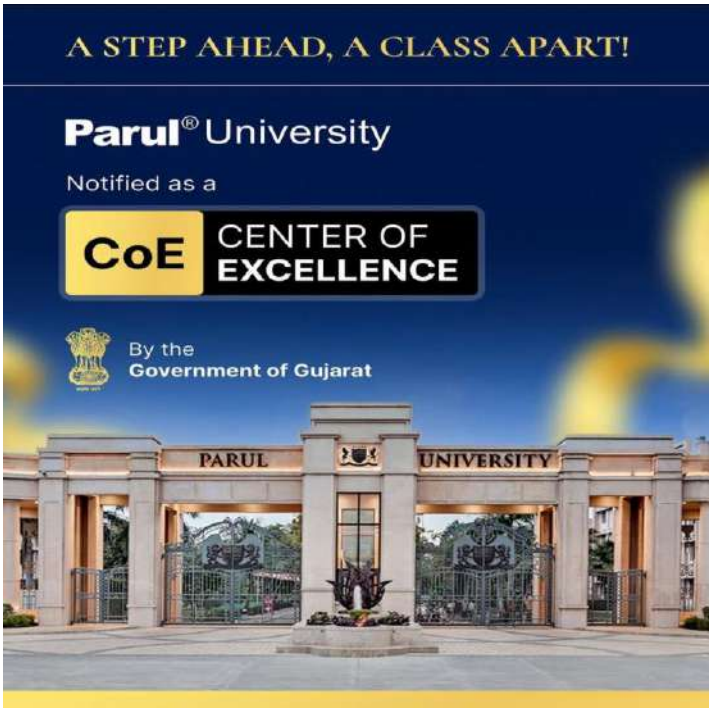
• Research projects on low-cost water filtration systems and wastewater reuse.

• Workshops and training sessions on water quality testing and environmental sustainability.

• Collaborative initiatives with Gujarat Pollution Control Board (GPCB) and other agencies.

4. Achievements and Recognitions:

• Recognized as a Centre of Excellence by the Government of Gujarat for its sustainable campus management.



• Parul University's campus model of water recycling and green infrastructure has been presented at various academic conferences and environmental forums.

• Active contribution to the Times Higher Education (THE) Impact Rankings 2025 under SDG 6 (Clean Water and Sanitation).

In the Times Higher Education (THE) Impact Rankings 2025, Parul University earned recognition under SDG 6 – Clean Water and Sanitation for its strong commitment to sustainable water management and community engagement. The University's initiatives, including rainwater harvesting, wastewater recycling, and awareness programs on water conservation, reflect its dedication to ensuring clean and sustainable water use on campus and in surrounding communities.

SDG 6 - CLEAN WATER AND SANITATION

EXPERT TALK: "BLUE GOLD RUSH - UNLOCKING THE VALUE OF WATER CONSERVATION"

As we approach World Water Day on March 22nd, there is a pressing need to raise awareness about the importance of water conservation and sustainable water management practices. Organizing an expert talk on "Blue Gold Rush - Unlocking the Value of Water Conservation". The expert talk covered a wide range of topics related to water conservation, including The global water crisis and its implications for environmental sustainability and human well-being. Innovative solutions and technologies for water conservation, such as rainwater harvesting, wastewater recycling, and desalination





5. Research Publications:

Article

Thermoeconomic analysis of solar still energy storage using carbonised biomass microparticles

Dantuluri, C.V., Naveen, P.N., Suraparaju, S.K., ...Khushboo, S, S.P.
International Communications in Heat and Mass Transfer, 2025

Review • *Open access*

Advancements in SnO2-based nanomaterials for efficient dye removal from wastewater

Tiwari, A.K., Sandhwar, V.K., Saxena, S., Saxena, D., Damle, G.
Discover Sustainability, 2025

Review • *Open access*

A review on the environmental fate, toxicological risks, and cutting-edge degradation methods of microplastics contamination

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Conclusion :

Through its consistent efforts, Parul University has established itself as a model for sustainable water management and sanitation practices in higher education. The University continues to foster a culture of environmental consciousness, ensuring that future generations contribute effectively toward achieving SDG 6.

Parul® University | NAAC GRADE A++



7 AFFORDABLE AND CLEAN ENERGY

SDG 7 - Affordable and Clean Energy

Executive Summary

Parul University demonstrates a profound commitment to SDG 7 through a multi-faceted strategy focused on the adoption of renewable energy, enhancement of energy efficiency, and the promotion of clean energy research. The University has strategically integrated solar power generation, solar-powered electric mobility, and energy-efficient infrastructure across its campus. These initiatives are not only reducing the institution's carbon footprint and operational costs but are also serving as a living laboratory for students and the wider community. Through dedicated research publications and practical implementations, Parul University is establishing itself as a leader in the transition towards a sustainable and clean energy future.

Key Initiatives and Achievements

1 Solar Energy Generation and Infrastructure

The University has made significant investments in solar energy, positioning it as the cornerstone of its clean energy strategy.

- **Solar Panel Installations:** Widespread installation of solar panels across campus buildings to generate clean electricity for daily operations.
- **Solar Street Lighting:** The campus is equipped with solar-powered streetlights, reducing grid electricity consumption for public lighting and enhancing nighttime sustainability and safety.
- **Commitment to Net-Zero:** These efforts are a core component of the University's strategic planning for a "Net Zero Campus," directly contributing to reduced reliance on fossil fuels.



2 Promotion of Clean Energy Mobility

Parul University is pioneering the shift to sustainable transportation within its campus ecosystem.

- **Electric Vehicles (EVs):** The University operates a fleet of electric vehicles that are charged using solar energy generated on-site. This creates a closed-loop, zero-emission transportation system for on-campus mobility.
- **Supporting Infrastructure:** The development of charging infrastructure supports the adoption of EVs, encouraging a culture of clean transportation.



3 Energy Efficiency and Conservation

Beyond generation, the University prioritizes reducing its overall energy consumption through smart technologies.

- **LED Lighting:** A comprehensive transition to energy-efficient LED lighting across the campus, including academic buildings, hostels, and common areas, significantly lowers energy demand.





- **Green Landscaping:** Strategic green landscaping contributes to natural cooling, reducing the energy required for air conditioning in surrounding buildings.



4 Waste-to-Energy Innovation

The University employs innovative technologies to convert waste into energy, supporting a circular economy model.

- **Biogas Plant:** Operation of a biogas plant with a capacity of 25+85 m^3/day (KVIC floating dome model). The plant processes approximately 1,200 kg/day of food waste from canteens and mess facilities, along with 2,500 kg/day of cattle manure.



- **Output:** This initiative generates up to **110 m^3/day of raw biogas**, which is a renewable source of energy for cooking or other thermal applications, and 5,000 litres/day of nutrient-rich digested slurry for agricultural use.

Research and Innovation in Clean Energy

The academic community at Parul University is actively engaged in cutting-edge research to advance clean energy technologies. The following publications from 2023-2025 highlight the institution's research focus:

- **Waste-to-Hydrogen & Bioenergy:**

- *"Waste-to-hydrogen technologies: Advances in catalytic, thermochemical, and biochemical conversion pathways for a circular hydrogen economy"* (Results in Engineering, 2025)
- *"Continuous pyrolysis of rice husk for sustainable biochar production and carbon sequestration: Recent advances and techno-economic perspectives"* (Results in Engineering, 2025)
- *"Transforming waste to energy: Nanocatalyst innovations driving green hydrogen production"* (Reviews in Inorganic Chemistry, 2025)

- **Solar Energy & Storage:**
  - *"Thermoeconomic analysis of solar still energy storage using carbonised biomass microparticles"* (International Communications in Heat and Mass Transfer, 2025)
  - *"A comprehensive review on hybrid solar–PCM systems for energy-efficient buildings"* (Sustainable Energy Technologies and Assessments, 2025)

- **Alternative Fuels:**
  - *"Optimization of biodiesel production from Sterculia foetida seed oil: Leveraging non-edible crops for sustainable alternative fuel"* (Results in Chemistry, 2025)
  - *"Hydrogen in transport: a review of opportunities, challenges, and sustainability concerns"* (RSC Advances, 2025)
  - *"The role of biodiesel in marine decarbonization: Technological innovations and ocean engineering challenges"* (Results in Engineering, 2025)

Institutional Framework and Future Outlook

The University's sustainability initiatives, including those for clean energy, are overseen by a dedicated **Sustainability Committee**. This team is responsible for monitoring energy consumption, exploring new renewable energy opportunities, and ensuring compliance with environmental regulations.

Future Outlook: Parul University aims to build on its current achievements by:

- Expanding the capacity of its solar energy infrastructure.
- Exploring new waste-to-energy conversion technologies.
- Integrating smart grid and energy management systems for optimized consumption.
- Continuing to foster high-impact research in renewable energy and sustainability.

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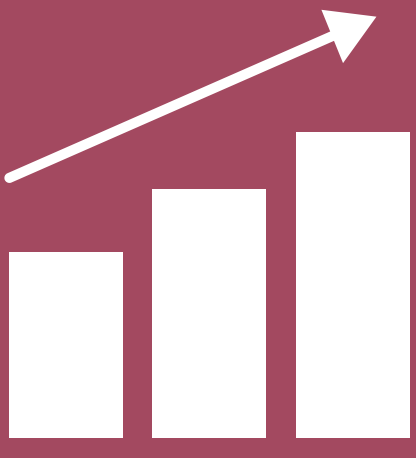
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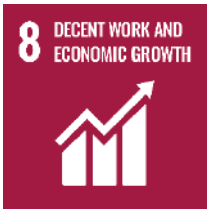
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8

DECENT WORK AND ECONOMIC GROWTH





SDG 8: Decent Work and Economic Growth

1. Executive Summary

Parul University has demonstrated a profound and multi-faceted commitment to SDG 8, positioning itself as a key contributor to sustainable economic development. Through a robust portfolio of research, innovation, and academic inquiry, the university is actively addressing core components of this goal. Key achievements include pioneering research in **sustainable technologies and circular economies**, fostering **entrepreneurship and MSME development**, advancing **sustainable agricultural practices** to enhance economic resilience, and integrating **Industry 4.0 technologies** for future-ready work and industries. This report details these initiatives, showcasing how the university's intellectual capital is driving progress toward decent work and economic growth.

2. Key Initiatives and Research Contributions

The university's contributions can be categorized into four primary strategic pillars:

Pillar 1: Fostering Sustainable Industrialization, Innovation, and Circular Economy

This area represents a significant strength, with extensive research focused on converting waste into valuable resources and developing sustainable materials and energy sources.

- **Waste-to-Value Research:**
    - **Waste-to-Hydrogen:** A seminal review in *Results in Engineering* (2025) explores catalytic and thermochemical pathways, contributing to the vision of a circular hydrogen economy.
    - **Waste-to-Energy:** A conference paper (2025) investigates "Sustainable Energy Generation through Solid Waste-to-Energy Conversion."
    - **Waste-to-Materials:** Research on utilizing waste to produce 0D nanomaterials for environmental catalysis (*Journal of Molecular Structure*, 2025) and producing paper from groundnut shells (Conference Paper, 2025) demonstrates a commitment to innovative resource recovery.
- **Sustainable Materials and Manufacturing:**
    - Development of MgO-filled basalt fiber composites for high-temperature applications (*Results in Engineering*, 2025) and palm fiber-reinforced composites (*Results in Engineering*, 2024) promotes the use of sustainable materials in industry.

    - Research on "Optimization of Concrete Mix Designs Utilizing Recycled Materials" (Conference Paper, 2025) directly supports sustainable infrastructure development.

- **Green and Sustainable Business Models:**
    - A study in *RAIRO Operations Research* (2025) critically examines the integration of social, economic, and environmental sustainability into inventory modeling.
    - A book chapter on "Green Finance Strategies" (2025) explores innovative financing solutions to drive sustainable business models.

Pillar 2: Promoting Entrepreneurship, MSME Development, and Financial Inclusion

The university is actively engaged in understanding and strengthening the backbone of the economy—Small and Medium-sized Enterprises (SMEs) and entrepreneurs.

- **Entrepreneurship and MSME Support:**
    - A significant article analyzes the impact of Indian government schemes like MUDRA, Stand-up India, and Startup India on fostering entrepreneurship and MSME development (*International Journal of Economics and Financial Issues*, 2025).
    - Research identifies the critical success factors and barriers for implementing "Lean 4.0" in SMEs (*Frontiers in Engineering and Built Environment*, 2025), providing a roadmap for enhancing their productivity and global competitiveness.
    - A study on "Revitalizing tribal economic systems through indigenous entrepreneurship" (*African Journal of Science Technology Innovation and Development*, 2025) highlights inclusive economic development.
- **Financial Systems and Inclusion:**
    - Research explores the determinants of intellectual capital on bank profitability (*African Journal of Applied Research*, 2025) and the demand for life insurance in Ethiopia (*Financial and Credit Activity Problems of Theory and Practice*, 2025), contributing to stronger financial institutions.
    - A study on the "Financial Inclusion Index and its Determinants among Asian Countries" (*Indian Journal of Economics and Development*, 2024) demonstrates a regional perspective on economic participation.
    - Book chapters on "Generative AI Enhancing Financial Decision-Making" (2025) and "Advancing financial literacy in the digital age" (2025) prepare students and professionals for the future of finance.

Pillar 3: Advancing Sustainable Agriculture for Economic Resilience

A substantial portion of research is dedicated to making agriculture more productive, sustainable, and resilient, which is fundamental to the economy of India and many other nations.

- **Weed and Pest Management:** Research on herbicide use in hemp (*Journal of Cannabis Research*, 2025), biopesticides (*Advances in Colloid and Interface Science*, 2025), and Actinobacteria-synthesized nanoparticles for weed control (*Scientific Reports*, 2025) offers sustainable alternatives to chemical inputs.
- **Crop Improvement and Stress Tolerance:** Numerous studies and book chapters focus on enhancing crop resilience to salinity, cold, and other abiotic stresses using nanobiotechnology and molecular tools, ensuring stable yields and farmer livelihoods.
- **Precision and Smart Agriculture:** The integration of AI, IoT, and machine learning is a recurring theme. Conference papers on "ENHANCING CROP YIELD AND RESOURCE EFFICIENCY WITH MACHINE LEARNING" (2025) and "Sustainability Through Connectivity: IoT Influence on Agriculture" (*Journal of Computer Science*, 2025) showcase efforts to improve efficiency and productivity.
- **Soil Health and Waste Valorization:** Research on soil organic carbon sequestration (*Salud Ciencia Y Tecnologia*, 2025) and the valorization of food and agricultural waste (*ACS Food Science and Technology*, 2025) promotes long-term agricultural sustainability and new economic opportunities.

Pillar 4: Building Future-Ready Workforces and Industries

The university is preparing students and industries for the evolving world of work through research into new technologies and work environments.

- **Adoption of Industry 4.0:** Studies on "Lean 4.0" and the use of AI and blockchain in finance illustrate a focus on integrating cutting-edge technologies into business and industrial processes.
- **Ergonomics and Work Design:** Research on "Enhancing physiotherapy department design to prevent work-related musculoskeletal disorders" (*Work*, 2025) directly contributes to ensuring decent and safe working conditions.
- **Supply Chain and Logistics:** A systematic literature review on "Identifying trends in trade and logistics performance" (*International Journal of Logistics Systems and Management*, 2025) helps optimize a critical sector for economic growth.

3. Conclusion and Future Outlook

In the reporting period, Parul University has not merely engaged with SDG 8 but has emerged as a dynamic hub for generating the knowledge and innovations required to achieve it. The university's research portfolio is strategically aligned with national and global priorities, from the circular economy and AI in finance to sustainable agriculture and MSME empowerment.

Moving forward, Parul University is well-positioned to:

- **Strengthen cross-disciplinary research** between engineering, management, and agricultural sciences to create holistic solutions.
- **Enhance the impact-to-publication pipeline** by facilitating the real-world application of these research findings through industry partnerships and startup incubation.
- **Continue its focus on future skills and technologies** to ensure its graduates are the primary drivers of sustainable and decent economic growth.

Publication Details

Review • *Open access*

Waste-to-hydrogen technologies: Advances in catalytic, thermochemical, and biochemical conversion pathways for a circular hydrogen economy

Ganesan, S., Pratap Singh, R.P., Sulakshana, C., ...Nath Suman, P.N., K, K.P.
Results in Engineering, 2025

Article • *Open access*

Actinobacteria mediated synthesis of silver nanoparticles and their weedicidal potential against Parthenium hysterophorous Linnaeus

Izhar, S.K., Bano, N., Rizvi, S.F., ...Upadhye, V.J., Afaq, U.
Scientific Reports, 2025

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Forest fire consequences under the influence of changing climate: a systematic review with bibliometric analysis in the context of sustainable development goals

Kumar, R., Pippal, P.S., Kumar, R., ...Kumar, P., Shrestha, S.
Discover Sustainability, 2025

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A critical review on epigenetics and epigenomics in plant development and stress resilience

Ekambaram, G., Viswanathan, D., Prakash, P., ...Govindasamy, R., Muthu, T.
Revista Brasileira De Botanica, 2025

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Herbicide use and weed management strategies in hemp cultivation

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Journal of Cannabis Research, 2025

Article

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Force, L.M., Kocarnik, J.M., May, M.L., ...Alansari, A.N., Al-Ashwal, F.Y.
Lancet, 2025

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Mechanism and Molecular Marker of Sex Identification in Dioecious Crops: Progress and Perspective

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Pristine Biosorbents to Composites: An Overview on Quality Assessment, Limitations, and Advancements Toward Wheat Straw Adsorbents for Wastewater Remediation

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Results in Engineering, 2025

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Next-generation nanotechnology-integrated biosurfactants: Innovations in biopesticide development for sustainable and modern agriculture

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Advances in Colloid and Interface Science, 2025

Article

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ACS Food Science and Technology, 2025

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African Journal of Applied Research, 2025

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Polyhydroxyalkanoates Sustainable Production and Biotechnological Applications I Microbial Biodiversity Biowastes and Bioprocesses, 2025

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Fostering Entrepreneurship and MSME Development through Targeted Interventions: Lessons from India's Experience with MUDRA, Stand-up India, and Startup India

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OPTIMIZATION OF CONCRETE MIX DESIGNS UTILIZING RECYCLED MATERIALS FOR IMPROVED SUSTAINABILITY IN CIVIL ENGINEERING

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Optimized Polyhydroxybutyrate Production by Neobacillus niacini GS1 Utilizing Corn Flour, Wheat Bran, and Peptone: A Sustainable Approach

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Nursing Practice During Covid 19 Preparation Education and Support, 2024

Book Chapter

Drones in Agriculture: Mapping, Monitoring, and Decision-Making

Zalavadiya, U.B.
Smart Agritech Robotics AI and Internet of Things Iot in Agriculture, 2024

Book Chapter

Socio-Economic Factors of Maternal Healthcare in India: 15 Years of National Health Mission

Prakash, B., Yadav, U., Kumar, I., ...Arora, M., Sharma, R.
Intersections of Law and Computational Intelligence in Health Governance, 2024

Conference Paper

Hybrid Fuzzy Decision-Making Model

Kumar, V.S.P., Saini, D., Rastogi, S., ...Verma, A., Ramakrishnan, M.
2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering Icacite 2024, 2024

Conference Paper

Innovative Financial Services Driven by AI and Blockchain Synergy for Decentralized Trust and Personalized Solutions

Agal, S., Raulji, K.M., Farooqui, Y.A., Bhavsar, N., Agrawal, R.
International Conference on Parallel Distributed and Grid Computing Pdgc, 2024

Book Chapter

A Study on Powers of Higher Education Leadership and Solutions for Challenges

Dinesh, A., Shandilya, S., Parmar, D.V., Sundharesalingam, P., Chinnusamy, S.
Navigating Leadership and Policy Management in Education, 2024

Conference Paper

Innovative Financial Services Driven by AI and Blockchain Synergy for Decentralized Trust and Personalized Solutions

Agal, S., Raulji, K.M., Farooqui, Y.A., Bhavsar, N., Agrawal, R.
2nd IEEE International Conference on Innovations in High Speed Communication and Signal Processing Ihcsp 2024, 2024

Conference Paper

Consequence Modeling, Analysis and Emergency Response Planning for Ammonia (Nh3) Releases in Urea Manufacturing Unit Using Aloha

Saxena, P., Patel, R.J., Dohare, S., Saxena, P.
Aip Conference Proceedings, 2023

Article

Microbial approaches for pharmaceutical wastewater recycling and management for sustainable development: A multicomponent approach

Chauhan, B., Dodamani, S.S., Malik, S.M., ...Haque, S., Sayyed, R.Z.
Environmental Research, 2023

Article • *Open access*

Acceleration of histopathological and biochemical defense patterns in mung bean with biopriming of Amycolatopsis sp. SND-1 against Cercospora leaf spot disease

Basavarajappa, D.S., Kumar, R.S., Rudrappa, M., ...Kantli, G.B., Nayaka, S.
Journal of King Saud University Science, 2023

Book

Exploring culture and heritage through experience tourism

Rawal, Y.S., Sinha, R., Mukherjee, S.K., Batabyal, D.
Exploring Culture and Heritage Through Experience Tourism, 2023

Book Chapter

An introduction to nanopriming for sustainable agriculture

Agrawal, S., Das, R., Solanki, S., ...Mishra, S.K., Tiwari, K.N.
Nanopriming Approach to Sustainable Agriculture, 2023

Article • *Open access*

Modelling the Construction Projects Implementation Barriers: A Structure Equation Modelling Approach

Almakayeel, N.M., Buniya, M.K., Abubakar, A.S., ...Qureshi, K.M.R., Qureshi, M.R.N.
Buildings, 2023

Article

A generalized payment policy for deteriorating items when demand depends on price, stock, and advertisement under carbon tax regulations

Chaudhari, U.B., Bhadoriya, A., Jani, M.Y., Sarkar, B.
Mathematics and Computers in Simulation, 2023

Book Chapter

Media and Communication in Disaster Risk Reduction

Ramrakhiyani, J.
International Handbook of Disaster Research, 2023

Article • *Open access*

ARTIFICIAL INTELLIGENCE AND BIG DATA ANALYTICS-BASED OPTIMIZATION OF CROP YIELDS IN SUSTAINABLE AGRICULTURE

Krishna, S.R., Kumar, R.H., Dafni Rose, J., ...Mehta, D., Ranadive, A.
Carpathian Journal of Food Science and Technology, 2023

Conference Paper

Robotic Weed Control and Biodiversity Preservation: IoT Solutions for Sustainable Farming

Ramakrishnan, R., Parvathy, P.R., Sapra, P., Sonule, V.B., Murugan, S.
7th International Conference on Electronics Communication and Aerospace Technology Iceca 2023 Proceedings, 2023

Article

Livestock Healthcare and Farmer Contentment: An Exploration of Economic and Social Determinants

Menaka, C., Kulkarni, B.G., Saraswat, N.
Revista Electronica De Veterinaria, 2023

Conference Paper

Computational Intelligence Router of Machine and Artificial Intelligence Learning for the Expansion of Agriculture's Manufacturing Sector

Ramakrishnan, R., Alanya-Beltran, J., Akram, S.V., ...Sanjay, C.P., Ponnusamy, R.
2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering Icacite 2023, 2023

Conference Paper

Deep Learning Solution to Various Issues of Finance, A Productive Research Approach

Ramakrishnan, R., Buddhi, D., Gor, M., ...Saini, D., Arias-Gonzáles, J.L.
2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering Icacite 2023, 2023

Article

Maize Plant Leaf Disease Classification Using Supervised Machine Learning Algorithms

Patel, A., Mishra, R.K., Sharma, A.
Fusion Practice and Applications, 2023

Review • *Open access*

Dissecting WASH Assessment Tools and Recommending a Comprehensive Tool for Indian Healthcare Facilities

Trivedi, P., Bhavsar, P., Saxena, D.B., ...Das, T., Yasobant, S.
Risk Management and Healthcare Policy, 2023

Article

Global Warming Effects on Water Supplies and Productivity of Crops

Mathur, M., Thaker, T.H., Saxena, S.
International Journal of Chemical and Biochemical Sciences, 2023

Article

Both Inorganic and Organic Manures Impact Maize and its Long-Term Consequences on the Physical and Chemical Qualities of the Soil

Tak, P., Rami, E., Negi, A.
International Journal of Chemical and Biochemical Sciences, 2023

Article

An Intercultural Analysis on Farmers' Opinions and Intentions Regarding Global Warming

Sharma, K., Patel, K.G., Yadav, U.
International Journal of Chemical and Biochemical Sciences, 2023

Article

Impact of advertisements on retailer's inventory for time-varying perishable rate with preservation technology investment under customer return and trade credit policy

Bhadoriya, A., Jani, M.Y., Sharma, S.K., Chaudhari, U.B.
International Journal of Mathematics in Operational Research, 2023

Book Chapter

Cow farm wastes: A bioresource for sustainable development

Saxena, D., Sandhwar, V.K.
Bio Based Materials and Waste for Energy Generation and Resource Management Present and Emerging Waste Management Practices Volume 5 of Advanced Zero Waste Tools, 2023

Conference Paper

Plant-Pathogen Detection Using Different Machine Learning Techniques

Kaka, B., Ganatra, A.P.
Icspc 2023 4th International Conference on Signal Processing and Communication, 2023

Conference Paper

Internet of Things (IoT) Exploratory Analysis in Strategic Management

Ramachandran, K.K., Kumar, M.P., Singh, R., ...Pillai, B.G., Arias-Gonzáles, J.L.
Proceedings of the 17th Indiacom 2023 10th International Conference on Computing for Sustainable Global Development Indiacom 2023, 2023

Book Chapter

Climate Change-National Action Plan

Rai, A., Fulekar, M.H.
Climate Change and Sustainable Development, 2023

Book Chapter

Environment and Sustainable Development

Rai, A., Fulekar, M.H.
Climate Change and Sustainable Development, 2023

Book

Climate Change and Sustainable Development

Fulekar, M.H., Dubey, R.S.
Climate Change and Sustainable Development, 2023

Book Chapter

Climate Change-International Policies

Rai, A., Fulekar, M.H., Dubey, R.S.
Climate Change and Sustainable Development, 2023

Article

Abiotic stresses impact on major cereals and adaptation options - A review

Gaikwad, D.J., Ubale, N.B., Pal, A., ...Ali, M.A., Maitra, S.
Research on Crops, 2022

Article • *Open access*

ACC Deaminase Produced by PGPR Mitigates the Adverse Effect of Osmotic and Salinity Stresses in Pisum sativum through Modulating the Antioxidants Activities

Gupta, A., Rai, S., Bano, A., ...Saeed, M., Pathak, N.
Plants, 2022

Article

Combined Effect of Carbon Emission, Exchange Scheme, Trade Credit, and Advertisement Efforts in a Buyer's Inventory Decision

Bhadoriya, A., Jani, M.Y., Chaudhari, U.B.
Process Integration and Optimization for Sustainability, 2022

Book Chapter

Atmospheric bioaerosol

Shirsat, S.S., Gangavane, S.C., Upadhye, V.J., Surwase, B.S., Kulkarni, G.Y.
Atmospheric Aerosols Properties Sources and Detection, 2022

Review • *Open access*

Applications of Nanotechnology-Based Agrochemicals in Food Security and Sustainable Agriculture: An Overview

Khan, F., Pandey, P., Upadhyay, T.K.
Agriculture Switzerland, 2022

Article • *Open access*

Did Covid-19 lockdown positively affect the urban environment and UN- Sustainable Development Goals?

Nigam, R., Tripathi, G., Priya, T., ...Damásio, B., Kotha, M.
Plos One, 2022

Article • *Open access*

Accomplishing Sustainability in Manufacturing System for Small and Medium-Sized Enterprises (SMEs) through Lean Implementation

Qureshi, K.M.R., Mewada, B.G., Alghamdi, S.Y., ...Qureshi, M.R.N., Mansour, M.A.
Sustainability Switzerland, 2022

Article

Effect of bioremediation technique on engineering properties of crude oil-contaminated soil

Rathod, V.P., Parekh, H.H., Rajpura, P.D., ...Panchal, R.R., Upadhye, V.J.
Biocatalysis and Agricultural Biotechnology, 2022

Article • *Open access*

Optimal Pricing Policies with an Allowable Discount for Perishable Items under Time-Dependent Sales Price and Trade Credit

Jani, M.Y., Betheja, M.R., Bhadoriya, A., ...Abbas, M.A.E., AlQahtani, M.S.M.
Mathematics, 2022

Conference Paper

IoT and ML based Irrigation System using KNN Algorithm

Kumar Pandey, A.K., Patel, Y.
Proceedings of 5th International Conference on Contemporary Computing and Informatics Ic3i 2022, 2022

Book Chapter

Contactless attendance system: A health-care approach to prevent spreading of Covid-19

Yadav, A.R., Kumar, J., Anumeha,, Agrawal, A.K., Kumar, R.
Blockchain for 5g Healthcare Applications Security and Privacy Solutions, 2022

Book Chapter

Microorganism: an ecofriendly tool for waste management and environmental safety

Parmar, S., Daki, S., Bhattacharya, S., Shrivastav, A.
Development in Wastewater Treatment Research and Processes Innovative Microbe Based Applications for Removal of Chemicals and Metals in Wastewater Treatment Plants, 2021

Article

A study on environmental education-a barefoot college model understanding

Iqbal, M., Pandit, D., Chauhan, R., Susilawati, S., Patriani, Y.
International Journal of Advanced Science and Technology, 2020

Article

A critical appraisal of mode choice model of work trips

Javeed, F.A., Juremalani, J., Sanket, B., Dharmesh, J.R.
International Journal of Engineering and Advanced Technology, 2019

Book Chapter

Handling and utilisation of fly ash from thermal power plants

Nihalani, S.A., Mishra, Y.D., Meeruty, A.R.
Circular Economy and Fly Ash Management, 2019

Article

International migration: Major challenges and analysis of human resource management for supply chains

To Nguyen, Q.L.H.T., Nguyen, P.T., Chauhan, R., ...Vo, K., Phan, P.
International Journal of Supply Chain Management, 2019

Article

Effect of GDP with respect to the Nominal and Real GDP of India: 2014-‘15

Ayu Salmah, N.N., Chauhan, R., Valianti, R.M., Maseleno, A.
Opcion, 2019

Article

Effect of GDP with respect to the nominal and real GDP of India: 2014-‘15 | Efecto del PIB con respecto al PIB nominal y real de la India: 2014-‘15

Ayu Salmah, N.N., Chauhan, R., Valianti, R.M., Maseleno, A.
Opcion, 2019

Article • *Open access*

A resourceful methodology to profile indolic auxins produced by rhizo-fungi using spectrophotometry and HPTLC

Patel, D.S., Patel, A., Vora, D., ...Acharya, D.K., Goswami, D.
3 Biotech, 2018

Parul® University | NAAC GRADE A++



9 INNOVATION AND INFRASTRUCTURE



SDG 9: Industry, Innovation, and Infrastructure

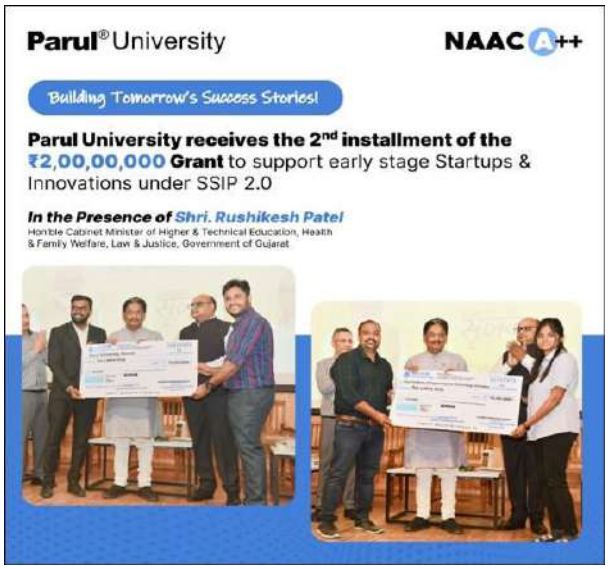
Introduction:

Parul University continues to align its institutional vision with the United Nations Sustainable Development Goal 9 (SDG 9) – Industry, Innovation, and Infrastructure. The University's multidisciplinary approach fosters innovation, research excellence, and sustainable infrastructure development, contributing to India's vision of becoming a global knowledge and innovation hub.

Research and Innovation:

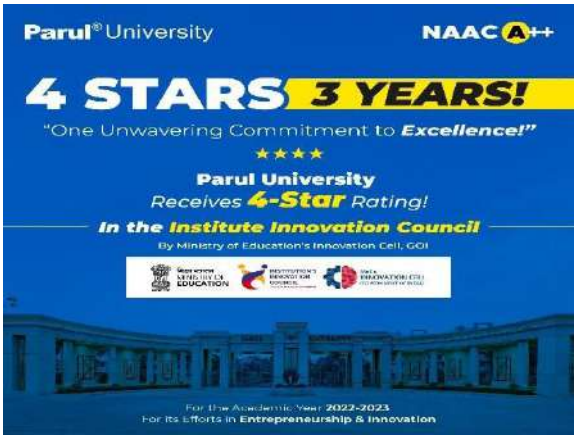
Through its Innovation and Incubation Centre, Entrepreneurship Development Centre (EDC), and Research & Development Cell, Parul University promotes creativity, start-ups, and technology-driven solutions. The EDC has supported more than 200 start-up ideas and received a grant under the Student Start-up and Innovation Policy (SSIP) of the Government of Gujarat. Faculty and students actively engage in projects focused on sustainable materials, renewable energy, and smart technology applications that strengthen industrial and societal resilience.

Grant Received from the Govt. of Gujarat.









Activities conducted under the SSIP & EDP













Infrastructure Development:

The University's state-of-the-art 125-acre campus features modern laboratories, advanced research centres, incubation hubs, and digital classrooms designed to promote innovation and technical learning. The institution has invested significantly in ICT-enabled facilities, renewable energy installations (such as solar systems), and smart campus initiatives for sustainability.

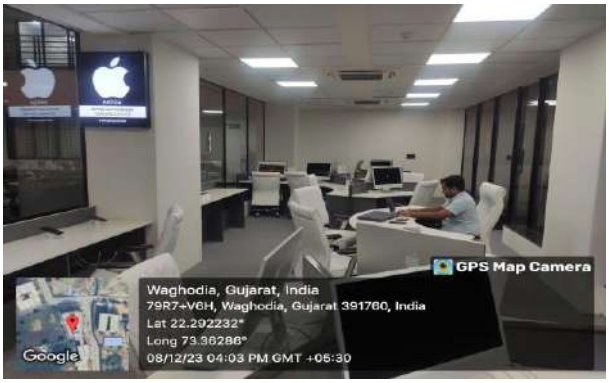
ICT enabled classrooms with Smartboard facilities



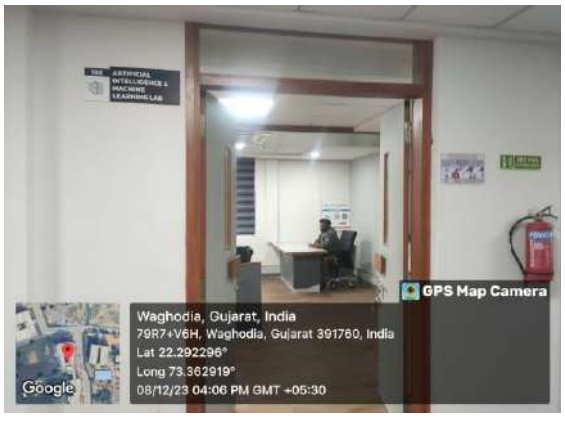


Apple authorized Testing center and Training Centre





Artificial Intelligence and Machine learning LAB





Extended Reality & Game Development LAB



Central Research Laboratory









Centre of Excellence

Environment Audit Lab







Micro Naoo Research and Development Centre




GPS Map Camera
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Lat 22.289482, Long 73.363875
02/13/2025 11:34 AM GMT+05:30


GPS Map Camera
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Pragya Laboratory

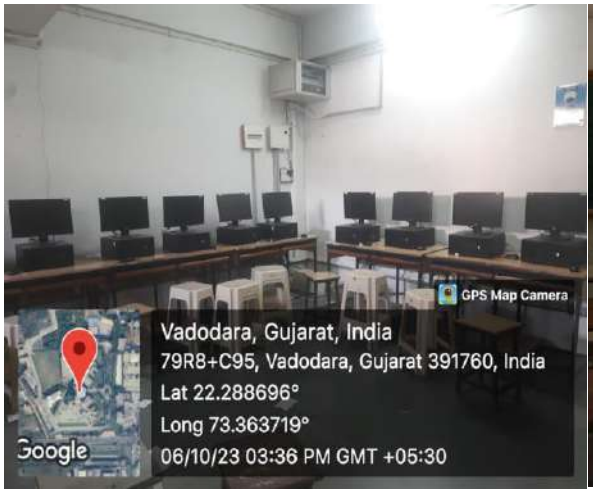








Technical Learning Facilities






GPS Map Camera
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Google


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Google


GPS Map Camera
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PARUL UNIVERSITY, Gujarat 391760, India
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Google


GPS Map Camera
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Google


GPS Map Camera
Limda, Gujarat, India
79R7+2GG, Limda, Gujarat 391760, India
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Long 73.36367°
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Google


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Note : Captured by GPS Map Camera


GPS Map Camera
Vadodara, Gujarat, India
Atal Bhavan Rd, 79V6+5V3, Gujarat 391760, India
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Google


GPS Map Camera
Vadodara, Gujarat, India
Unnamed Road, Gujarat 391760, India
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Google

Renewable Energy Installed

Solar Panel System





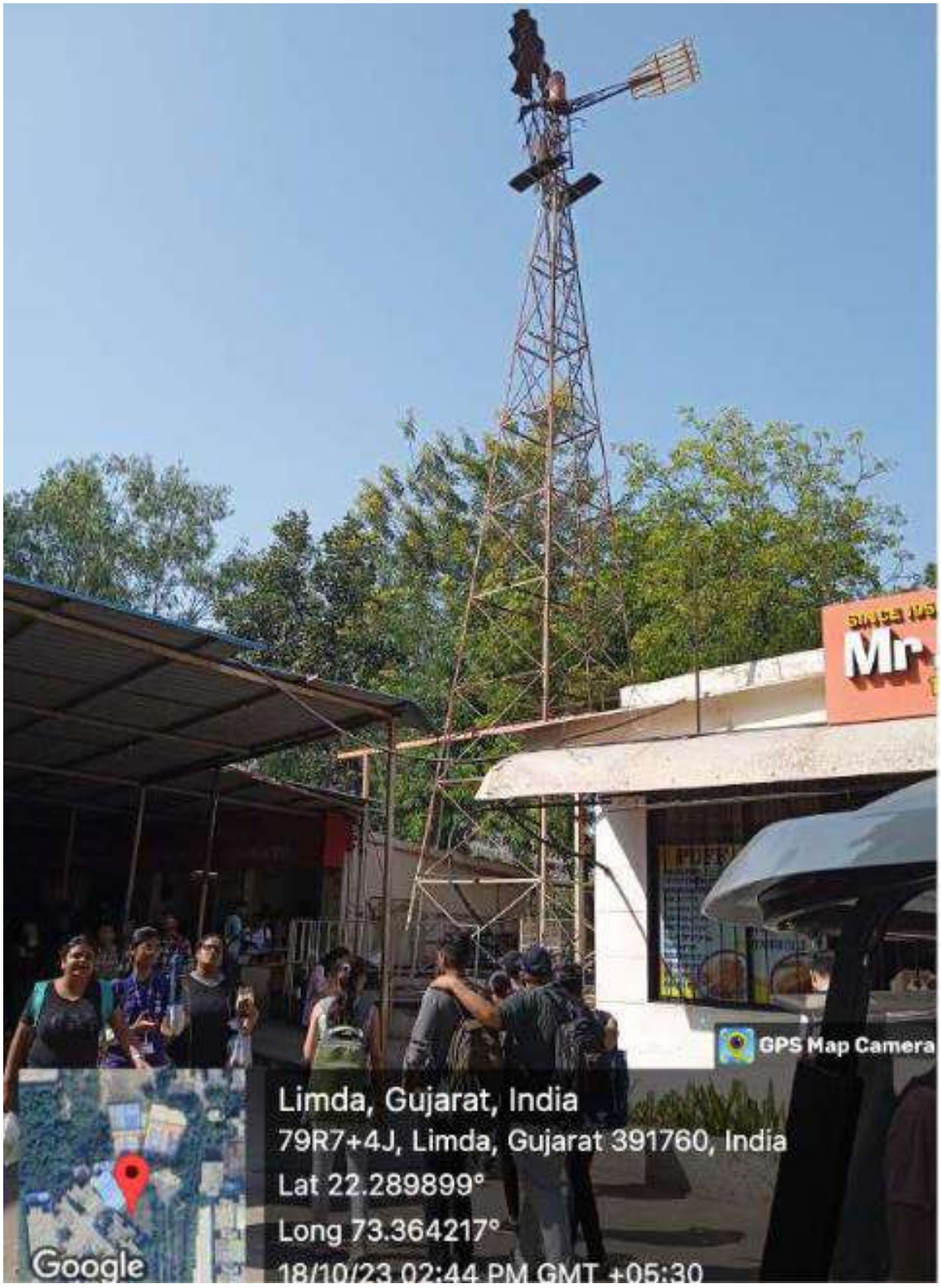


Bio-Gas





Wheeling to the Grid

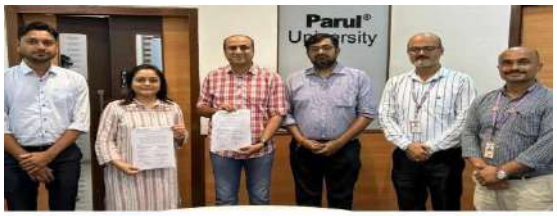


Industry Collaborations and Partnerships:

Parul University has forged strong partnerships with industries and international universities to bridge the gap between academia and industry. Collaborations with Larsen & Toubro, Siemens, and the University of Surrey (UK) have facilitated joint research projects, internships, and knowledge exchange programs. A significant achievement includes securing a grant, research grant from the Royal Academy of Engineering (RAE), highlighting the institution's growing global impact.

Industry collaboration of Parul university with MG motors





MoU signed by
Rapture Biotech, Gujarat
and
Parul University, Gujarat



NIT Meghalaya and PARUL University signed MoU at Vadodara, Gujarat

Semester Exchanged Programme









Projects and Programme







Community Outreach and Impact :

Through initiatives under Unnat Bharat Abhiyan (UBA) and various outreach programs, the University promotes sustainable infrastructure and skill development in rural communities. Engineering and architecture students actively participate in projects focusing on affordable housing, waste management, and smart rural development.

Parul University demonstrates an unwavering commitment to shaping a sustainable future through its strategic collaborations with numerous NGOs dedicated to achieving the Sustainable Development Goals (SDGs). By setting both short- and long-term objectives, the University has signed over 15 Memoranda of Understanding (MoUs) with various organizations, resulting in measurable improvements in the livelihoods of surrounding communities. In response to evolving global challenges, Parul University continuously enhances its academic and research resources to promote sustainability across all disciplines. The institution also nurtures social responsibility and moral values among its students by encouraging their participation in community development initiatives such as *Apni Pathshala*, *Killol Vidyamandir Street School Project*, *Bal Milan*, and *Kalrav Anganwadi Project*. Furthermore, the University allocates dedicated funding to support a diverse range of social initiatives and research programs, empowering its faculty and students to actively contribute to national and global SDG efforts through innovation, service, and impactful engagement.

- Lion's Club of Vishwamitri
- Hospital for Mental Health, Karelibaug, Vadodara
- Don Bosco Snehalaya
- Naira Hospitality
- KUPS Enterprise
- Apollo Tyres Foundation
- Udayan Care
- Helpage India
- The MINDS Foundation, Mumbai
- Meet Rehab Centre
- Orange Tree Foundation
- Health Promotion and Social Development (HEPS)
- Acharan Welfare Foundation
- Sikshana Foundation
- K.R. Road Basavangudi, Near Bharati Nursing Home, Bengaluru
- Baroda Children Eye Care & Squint Clinic

Glimpses of some events and activities conducted under some MOUs:

HUNF – Meals on Wheels Project

Provide nutritious meals to senior citizens at their doorstep in various villages of Waghodia Since over two years



No of Beneficiaries served 47
No of Villages covered: 4 (Ambali, Limda, Madheli, Patiyapura)
No. of Tiffin Delivered 18,089
No. of health camps organized: 5
No of Beneficiaries benefited from the camps: 123
No. of beneficiaries linking with Govt schemes - 7

Sakshamthad Foundation, Parul University
And
National Rural Livelihood Mission,
Taluka Panchayat, Waghodiya

Jointly organizes

Sabiyar Gram Hatt - 4

(Exhibition cum sale Fair of the products manufactured By women groups, Women artisans and women Organizations of Waghodiya Taluka)

17th February, 2024, Saturday

9:00 am onwards

Garden Area, Beside Tea Post, Parul University.





Parul® University NAAC A++

In the loving memory of
Dr. Jayesh K. Patel
Founder President , Parul University

Parul Institute Of Engineering And Technology Diploma Studies
Mechanical Engineering Department
under Women Development cell

Organize

SELL CUM EXHIBITION
of
Food Items by KOSHISH - NGO

Place order on Contact No.: 9825643213.9825934909

Date : 25th August, 2023 **Time: 9:30 AM Onwards** **Venue : PU Circle**

Convener : Dr. Ruchi Shrivastava, Principal & WDC President

Coordinators:- Prof Bindi Thakkar, H.O.D, Mechanical Department
Prof. Rajshree Kokate, Asst. Professor






Parul University
NAAC A++
SOCIAL RESPONSIVE CELL
AND
NATIONAL SERVICE SCHEME
ORGANISE
ઘનગનાટ
GARBA COMPETITION
FOR
THE WOMEN OF
SANJEEVANI PARUL MAHILA CREDIT COOPERATIVE SOCIETY
&
GARIMAWOMEN LIVELIHOOD CENTRE
28th October, 2023
2:00 pm to 4:00 pm
Parul Institute of Medical Sciences & Research
Parul University




NATURE GIVES LIFE, WE STRIVE TO PRESERVE IT.


Parul University
NAAC A++
SAKSHAMTHAD FOUNDATION
International Women's Day Celebration
9 March 2024
10 AM TO 1 PM
Garima Women
Livelihood Centre- Madheli





Diwali Celebration

Sweet Distribution Program

9th & 10th November' 23

FOR

THE BENEFICIARIES OF

KILLOL,& GUNJAN STREET SCHOOL,
APNI PATHSHALA
HUNF - MEALS ON WHEELS
&
GARIMA-WOMEN LIVELIHOOD CENTER

'DISTRIBUTING SWEETNESS IS
A MOMENT OF
PURE HAPPINESS,
ONE BITE AT A TIME







Glimpses of some events and activities conducted by NCC, NSS, SRC & Unnat Bharat Abhiyan :





Puneet Sagar Abhiyan- International Plastic Bag Free Day





Environmental Awareness Amodar Village



Tree Plantation Drive At Kumarshala (Primary School), Waghodia



Empowering Democracy: UBA's Vibrant Voting Campaign at Sangadol Village

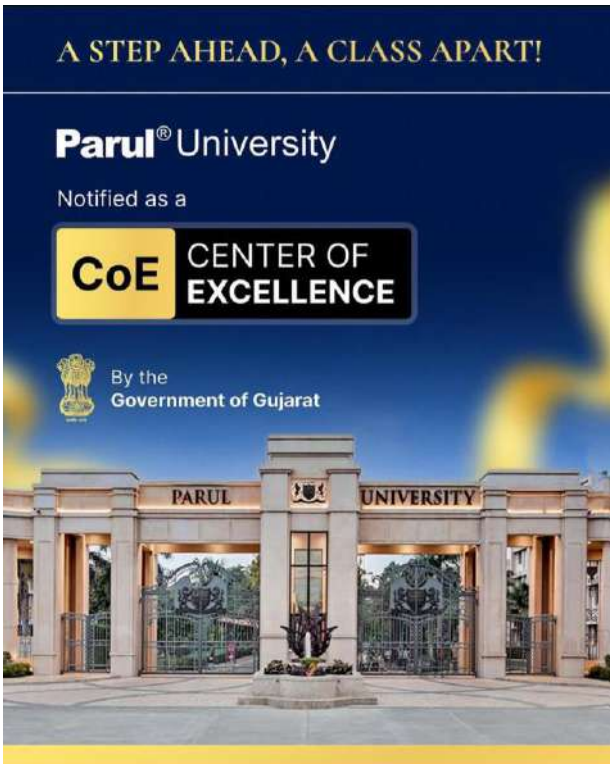




Cleanliness Drive on the occasion of World Environment Day At Timbi Lake, Wagodia, Vadodara.

Achievements and Recognition:

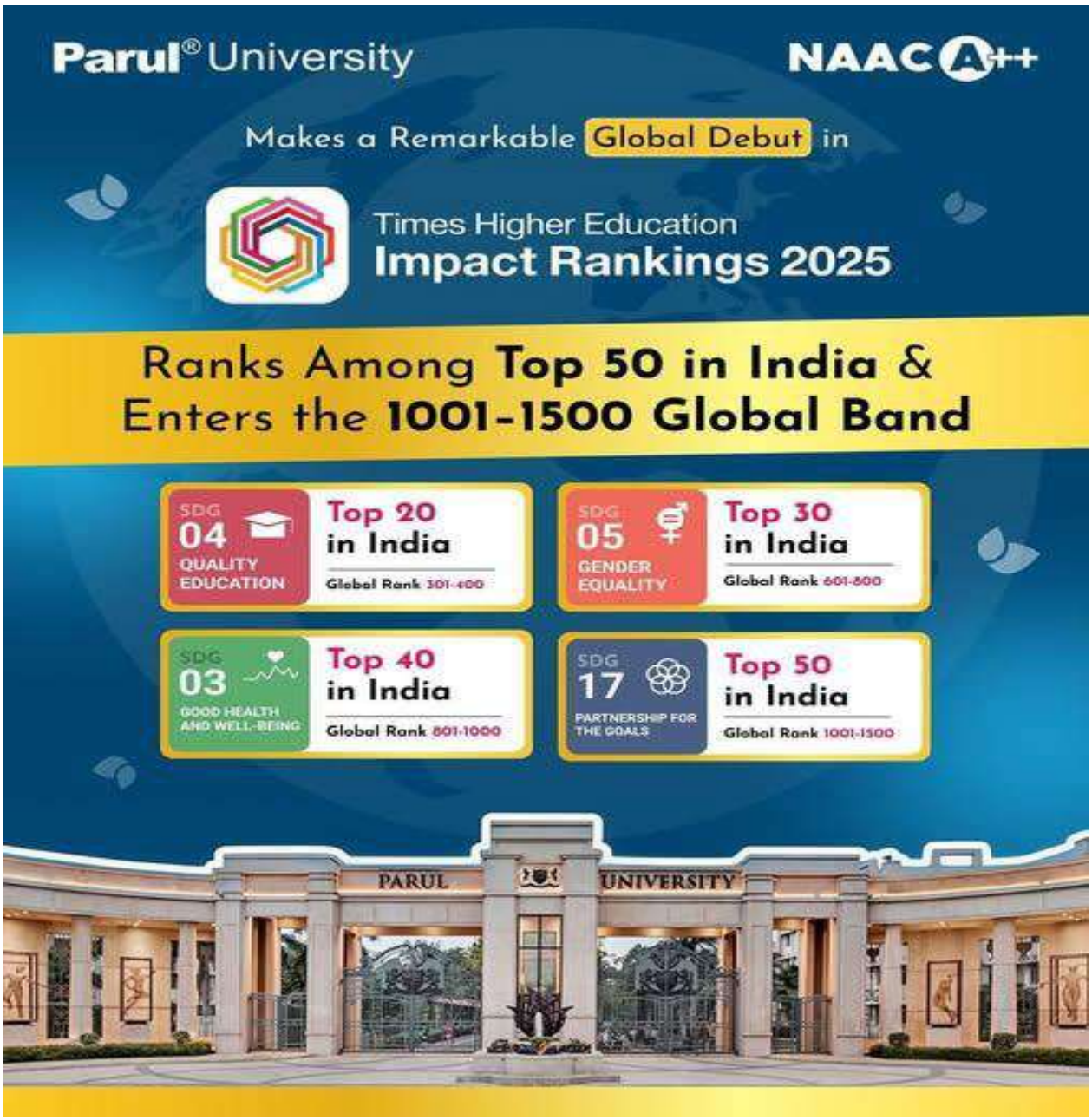
Recognized as a Centre of Excellence by the Government of Gujarat for innovation and academic quality.



Ranked among the Top 50 Universities in India in the Innovation Category of NIRF 2024.



Actively contributed to THE Impact Rankings 2025 under SDG 9, reflecting its excellence in promoting industry and innovation.



Research Details:

Goal 9: Industry, innovation and infrastructure

Article

Vertically aligned NiFeP@Ni nanotubes for efficient electrochemical production of green hydrogen and sulfur: Circular economy meets sustainable energy

Modi, K.H., Sahatiya, P., Pataniya, P.M., Sumesh, C.K.
Renewable Energy, 2026

Article

Cutting-edge cooling techniques for photovoltaic systems: a comprehensive review

Rajamony, R.K., Sridhar, K., Kalidasan, B., ...Alam, M.N.E., Abedin, T.
Interactions, 2025

Article • *Open access*

Preparing future-ready public health professionals: a blended, AI-integrated pedagogical innovation

Parmar, S., Suthar, P., Das, L., Ganguly, P.S.
BMC Medical Education, 2025

Review • *Open access*

Waste-to-hydrogen technologies: Advances in catalytic, thermochemical, and biochemical conversion pathways for a circular hydrogen economy

Ganesan, S., Pratap Singh, R.P., Sulakshana, C., ...Nath Suman, P.N., K, K.P.
Results in Engineering, 2025

Article • *Open access*

Hybrid pre trained model based feature extraction for enhanced indoor scene classification in federated learning environments

Dutta, M., Gupta, D., Khullar, V., ...Alroobaea, R.S., Sapra, P.
Scientific Reports, 2025

Article • *Open access*

Extraction and characterization of natural fibers from Muntingia calabura twigs for sustainable applications

Kaliappan, N., Nayak, P.P., Ramachandran, T., ...Shukla, K.K., K, K.P.
Scientific Reports, 2025

Review • *Open access*

Advancements in SnO2-based nanomaterials for efficient dye removal from wastewater

Tiwari, A.K., Sandhwar, V.K., Saxena, S., Saxena, D., Damle, G.
Discover Sustainability, 2025

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Conclusion:

Parul University's initiatives under SDG 9 exemplify its dedication to advancing innovation, research, and sustainable infrastructure. The University remains committed to empowering students, fostering entrepreneurship, and strengthening collaborations that contribute to sustainable industrial and technological growth at both national and global levels.

Parul® University | NAAC GRADE A++



10

REDUCED INEQUALITIES

SDG 10: Reduced Inequality

1. Executive Summary

Parul University has established itself as a leading academic institution committed to addressing the multifaceted nature of inequality, as outlined in SDG 10. Through targeted research, policy analysis, and community-focused studies, the university is actively working to reduce disparities based on ethnicity, socioeconomic status, gender, and geography. The institution's research portfolio demonstrates a profound commitment to **health equity for marginalized communities**, **financial inclusion and empowerment**, **inclusive education and career development**, and the **critical analysis of systemic power structures** that perpetuate inequality. This report details these initiatives, showcasing a holistic approach to creating a more equitable society.

2. Key Initiatives and Research Contributions

The university's contributions are strategically aligned across four primary pillars of intervention:

Pillar 1: Advancing Health Equity for Marginalized and Tribal Populations

This is a cornerstone of the university's SDG 10 efforts, with significant, in-depth research focused on understanding and improving healthcare access and outcomes for India's tribal communities.

- **Tribal Healthcare Access and Systems:**
    - **Groundbreaking Surveys:** A cross-sectional household survey on "Access to Healthcare Among Tribal Population in India" (*International Journal of Health Planning and Management*, 2025) provides critical baseline data to inform policy.
    - **Sickle Cell Disease Focus:** Multiple studies address the burden of Sickle Cell Disease in tribal communities, including an analysis of "Primary healthcare utilization patterns" (*Journal of the National Medical Association*, 2025) and an implementation research protocol to reduce SCD-related stigma (*Journal of Racial and Ethnic Health Disparities*, 2025).
    - **Leveraging Informal Networks:** Research from the Indian Sundarbans explores "Leveraging the social networks of informal healthcare providers for universal health coverage" (*Health Policy and Planning*, 2024), offering innovative models for last-mile healthcare delivery.
- **Systemic Health Interventions:**

    - The "INDIA-EMS Study" protocol (*Plos One*, 2025) aims to develop a high-quality, patient-centric emergency care system, a service critical for reducing outcome disparities in emergencies.
    - Research on "Leadership Approaches to Reducing Healthcare Disparities in Urban Areas" (*Health Leadership and Quality of Life*, 2024) and the "Influence of cultural competence on healthcare outcomes" (*Salud Ciencia Y Tecnologia*, 2023) addresses systemic and cultural barriers to equitable care.

- **Affordable Diagnostics and Therapeutics:**
    - Research into "Cell-free systems for low-cost diagnostics" (*Progress in Molecular Biology and Translational Science*, 2025) and a review on "Antiprotozoal agents" for neglected diseases (*Microbe Netherlands*, 2025) aim to reduce cost-based barriers to essential health technologies.

Pillar 2: Promoting Financial Inclusion and Economic Empowerment

The university's research recognizes that economic disparity is a key driver of inequality and works to address it through financial literacy and support for underrepresented groups.

- **Empowering Specific Demographics:**
    - A study explores the "Role of Locus of Control in Linking Financial Knowledge and Attitude to Saving Behavior of Working Women in Haryana" (*Investment Management and Financial Innovations*, 2025), focusing on gender-specific economic empowerment.
    - A book chapter on "Financial Survival Strategies for College and University Students" (2025) provides crucial guidance to a vulnerable demographic, promoting financial literacy and independence.
- **Indigenous Entrepreneurship:**
    - Research on "Revitalizing tribal economic systems through indigenous entrepreneurship" (*African Journal of Science Technology Innovation and Development*, 2025) highlights strategies for fostering self-reliant economic development within marginalized communities.
- **Secure and Fair Financial Systems:**
    - A conference paper on "A Study Using OWASP on Secure Open Banking Architecture" (2023) and a book chapter on "Machine learning for fraud detection and financial crimes" (2025) contribute to creating more secure and trustworthy financial systems that protect all users, particularly the vulnerable.

Pillar 3: Fostering Inclusive Education and Equitable Career Pathways

Ensuring equal opportunity in education and the workplace is a critical component of reducing inequality.

- **Technology-Enabled Inclusive Education:**
    - A book chapter on "Empowering inclusive higher education: AI-supported student learning" (2025) investigates how technology can be leveraged to create level playing fields for diverse learners.
    - Another chapter on "Pedagogical Contents Developments and Specialized Training for Teaching Careers" (2024) contributes to building a more skilled and inclusive educator workforce.
- **Supporting Career Transitions:**
    - A book chapter on "Challenges and opportunities in career transitioning from employment to entrepreneurship" (2025) provides a comprehensive guide, supporting economic mobility and reducing barriers to entrepreneurship.

Pillar 4: Analyzing Power Structures and Advocating for Social Justice

The university's scholars are engaged in critical research that examines the root causes of inequality, including policy, power dynamics, and discrimination.

- **Gender and Policy Analysis:**
    - A critical book chapter conducts a "Document analysis of national health policy (2017), India" through the lens of "Gender and intersectionality" (2025), holding policy accountable for its impact on marginalized groups.
- **Global Power Dynamics in Health Research:**
    - A seminal paper in *BMJ Global Health* (2021) analyzes global perspectives on "power in participatory health research and co-production approaches," advocating for more equitable partnerships in global health.
- **Legal Frameworks Against Hate:**
    - A comparative analysis of preventive hate crime laws "between India and the USA" (2021) contributes to the global discourse on protecting ethnic and cultural minorities from violence and discrimination.

3. Conclusion and Future Outlook

In the reporting period, Parul University has demonstrated a deep, evidence-based, and multifaceted commitment to reducing inequality. The research goes beyond observation to propose tangible solutions, implementation protocols, and critical policy analyses. The consistent focus on tribal health, gender equity, financial inclusion, and inclusive education showcases a strategic and sustained effort.

Moving forward, Parul University is ideally positioned to:

- **Translate research into action** by strengthening community partnerships to implement the protocols and models developed by its researchers, particularly in tribal healthcare.
- **Deepen interdisciplinary collaboration** between its health sciences, management, law, and technology faculties to create integrated solutions to complex inequality challenges.
- **Expand its focus on digital inequality**, ensuring that technological advancements in finance, health, and education do not inadvertently create or exacerbate new forms of disparity.

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You want to deal with power while riding on power': Global perspectives on power in participatory health research and co-production approaches

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Parul® University | NAAC GRADE A++



11 SUSTAINABLE CITIES AND COMMUNITIES





Sustainable Cities and Communities

Introduction:

Parul University, Vadodara, continues to contribute actively toward Sustainable Development Goal 11 (SDG 11): Sustainable Cities and Communities, focusing on urban resilience, environmental sustainability, and smart city innovation. The University integrates research, teaching, and community engagement to promote sustainable infrastructure, smart technologies, and safe, inclusive urban environments.

Research and Innovation

Parul University has produced numerous impactful research publications and projects aligned with SDG 11, emphasizing urban sustainability, pollution reduction, and green infrastructure.

Key research areas include:

- Smart Urban Infrastructure: Development of intelligent transport systems, smart waste management, and IoT-enabled traffic optimization (e.g., Smart Energy Management in Internet of Energy-enabled Constructions; Optimization of Electrocoagulation Process for Municipal Wastewater Treatment).

- Urban Water Resilience: Studies on flood prediction, wastewater treatment, and sustainable drainage systems (Revolutionizing Urban Water Resilience: Innovative Strategies and Advancements in SuDS).

- Sustainable Waste Management: Research on pyrolysis for medical waste management, nanocatalyst innovations for hydrogen production, and recycling of solid waste for sustainable construction materials.

- Environmental Monitoring: Studies on air quality, urban heat islands, and geospatial mapping for pollution control and city planning.

Sustainable Campus and Infrastructure Initiatives

The 125+ acre campus of Parul University demonstrates principles of sustainability through:

Efficient waste segregation and recycling units.

Parul University has a formal collaboration with the ***Kachare Se Azadi*** Foundation, which measures the weight of waste at the truck/tempo weighing station. This system helps the University monitor waste generation in an organized manner. The sustainability team regularly reviews this data to identify ways to reduce waste and to encourage greater recycling and reuse throughout the campus.





Renewable energy installations such as solar lighting systems and smart energy meters.

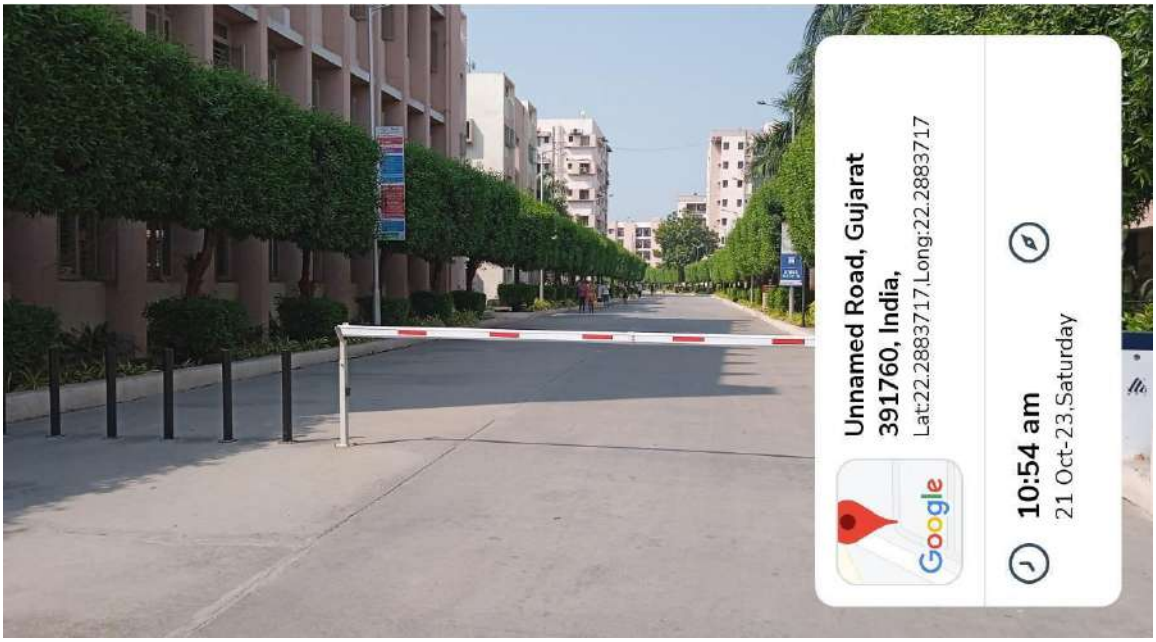




Green landscaping using drip irrigation and treated wastewater for maintenance.



Smart mobility initiatives within campus to reduce carbon footprint.



Community Engagement and Outreach

Through its NSS unit, Unnat Bharat Abhiyan (UBA), and student clubs, the University implements several outreach programs promoting sustainable living and infrastructure development in rural and urban communities.

Activities include:

- Cleanliness drives in nearby towns and lakes.
- Awareness campaigns on sustainable waste management.
- Rural housing and sanitation improvement projects led by the Faculty of Engineering and Architecture.

Through initiatives under Unnat Bharat Abhiyan (UBA) and various outreach programs, the University promotes sustainable infrastructure and skill development in rural communities. Engineering and architecture students actively participate in projects focusing on affordable housing, waste management, and smart rural development.

Parul University demonstrates an unwavering commitment to shaping a sustainable future through its strategic collaborations with numerous NGOs dedicated to achieving the Sustainable Development Goals (SDGs). By setting both short- and long-term objectives, the University has signed over 15 Memoranda of Understanding (MoUs) with various organizations, resulting in measurable improvements in the livelihoods of surrounding communities. In response to evolving global challenges, Parul University continuously enhances its academic and research resources to promote sustainability across all disciplines. The institution also nurtures social responsibility and moral values among its students by

encouraging their participation in community development initiatives such as *Apni Pathshala*, *Killol Vidyamandir Street School Project*, *Bal Milan*, and *Kalrav Anganwadi Project*. Furthermore, the University allocates dedicated funding to support a diverse range of social initiatives and research programs, empowering its faculty and students to actively contribute to national and global SDG efforts through innovation, service, and impactful engagement.

- Lion's Club of Vishwamitri
- Hospital for Mental Health, Karelibaug, Vadodara
- Don Bosco Snehalaya
- Naira Hospitality
- KUPS Enterprise
- Apollo Tyres Foundation
- Udayan Care
- Helpage India
- The MINDS Foundation, Mumbai
- Meet Rehab Centre
- Orange Tree Foundation
- Health Promotion and Social Development (HEPS)
- Acharan Welfare Foundation
- Sikshana Foundation
- K.R. Road Basavangudi, Near Bharati Nursing Home, Bengaluru
- Baroda Children Eye Care & Squint Clinic

Glimpses of some events and activities conducted under some MOUs:









In the loving memory of
Dr. Jayesh K. Patel
Founder President , Parul University

Parul Institute Of Engineering And Technology Diploma Studies
Mechanical Engineering Department
under Women Development cell

Organize

SELL CUM EXHIBITION

of

Food Items by KOSHISH - NGO

Place order on Contact No.: 9825643213.9825934909

Date : 25th August, 2023 **Time: 9:30 AM Onwards** **Venue : PU Circle**

Convener : Dr. Ruchi Shrivastava, Principal & WDC President

Coordinators:- Prof Bindi Thakkar, H.O.D, Mechanical Department
Prof. Rajshree Kokate, Asst. Professor










NATURE GIVES LIFE, WE STRIVE TO PRESERVE IT.


Parul University
NAAC A++
SAKSHAMTHAD FOUNDATION
International Women's Day Celebration
9 March 2024
10 AM TO 1 PM
Garima Women
Livelihood Centre- Madheli





Diwali Celebration

Sweet Distribution Program

9th & 10th November' 23

FOR

THE BENEFICIARIES OF

KILLOL,& GUNJAN STREET SCHOOL,
APNI PATHSHALA
HUNF - MEALS ON WHEELS
&
GARIMA-WOMEN LIVELIHOOD CENTER

'DISTRIBUTING SWEETNESS IS
A MOMENT OF
PURE HAPPINESS,
ONE BITE AT A TIME






Glimpses of some events and activities conducted by NCC, NSS, SRC & Unnat Bharat Abhiyan :




Puneet Sagar Abhiyan- International Plastic Bag Free Day




Environmental Awareness Amodar Village



Tree Plantation Drive At Kumarshala (Primary School), Waghodia



Empowering Democracy: UBA's Vibrant Voting Campaign at Sangadol Village





Cleanliness Drive on the occasion of World Environment Day At Timbi Lake, Wagodia, Vadodara

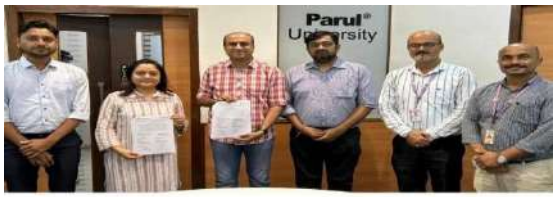
Collaborations and Partnerships

Parul University collaborates with national and international organizations to promote urban sustainability. Key partnerships include:

Parul University has forged strong partnerships with industries and international universities to bridge the gap between academia and industry. Collaborations with Larsen & Toubro, Siemens, and the University of Surrey (UK) have facilitated joint research projects, internships, and knowledge exchange programs. A significant achievement includes securing a grant, research grant from the Royal Academy of Engineering (RAE), highlighting the institution's growing global impact.

Industry collaboration of Parul university with MG motors





MoU signed by
Rapture Biotech, Gujarat
and
Parul University, Gujarat



NIT Meghalaya and PARUL University signed MoU at Vadodara, Gujarat

Semester Exchanged Programme









Projects and Programme

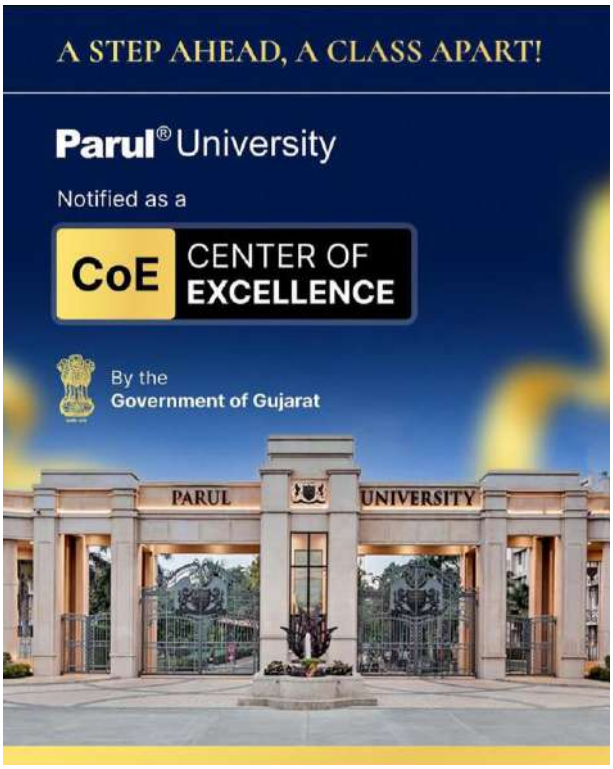






Achievements and Recognition

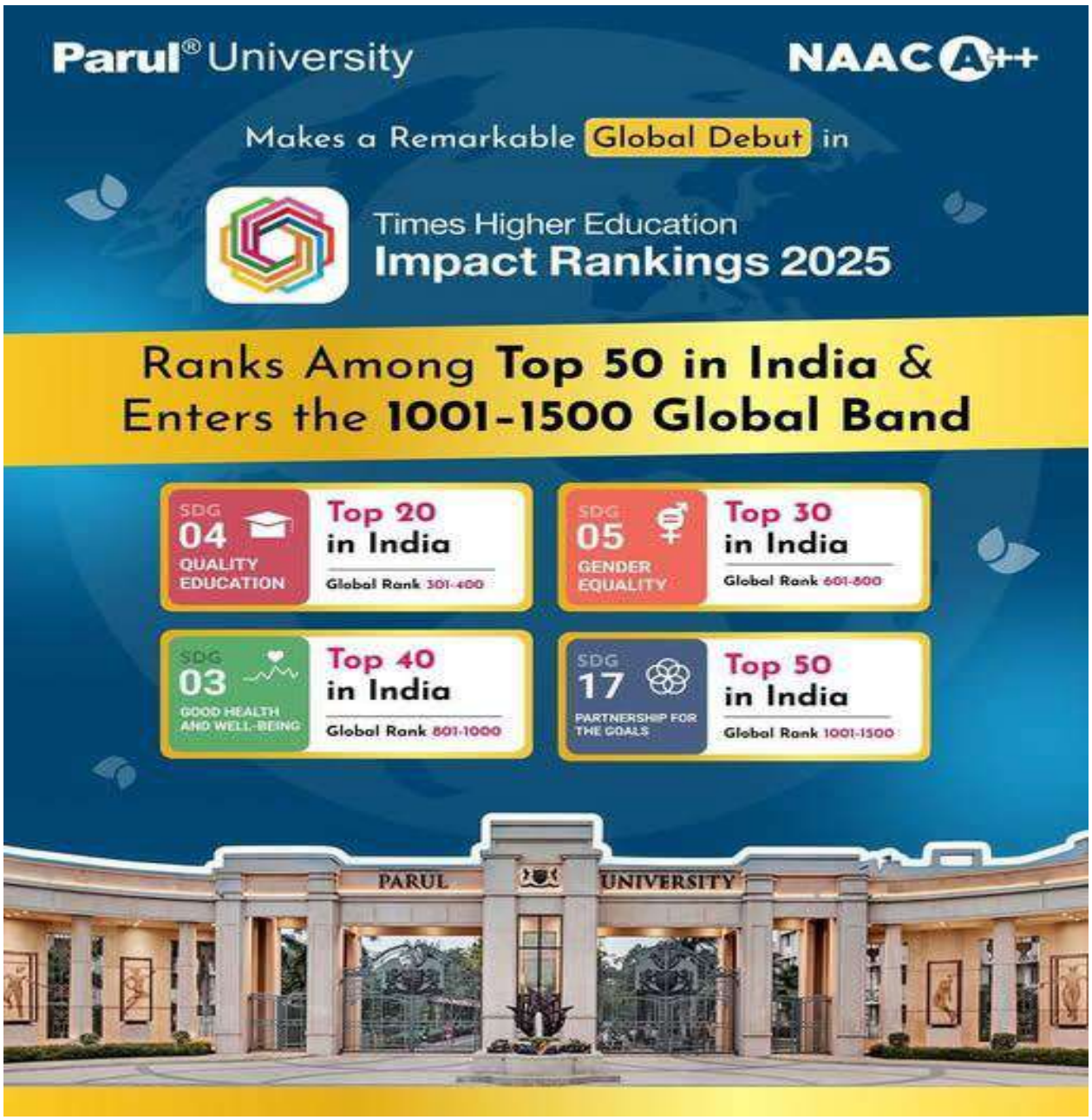
Recognized as a Centre of Excellence by the Government of Gujarat for innovation and academic quality.



Ranked among the Top 50 Universities in India in the Innovation Category of NIRF 2024.



Actively contributed to THE Impact Rankings 2025 under SDG 9, reflecting its excellence in promoting industry and innovation.



Research Details:

11: Sustainable cities and communities

Article • *Open access*

Hybrid pre trained model based feature extraction for enhanced indoor scene classification in federated learning environments

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Blockchain for intelligent transportation systems: Purposes, obstacles, and possibilities

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Simulation of waste medical plastic pyrolysis process using aspen plus V8.8

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Nano Biochar and Nanoparticles for Soil Health Improvement, 2025

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Advanced Tracking Algorithm for Multiple Dynamic Vehicles using Attention Mechanisms and Kinematic Models

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Mori, G.N., Swaminarayan, P.R., Panchal, R.
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Effect of gasification input parameters and KOH catalyst action on functional properties of hydrogen production from municipal wastewater

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Bio-Inspired Data-driven Distributed Energy in Robotics and Enabling Technologies

Saini, H.K., Kumar, A., Dubey, A.K., García-Díaz, V.
Bio Inspired Data Driven Distributed Energy in Robotics and Enabling Technologies, 2024

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Image sensor fusion for multimodal biometric recognition in mobile devices

Jayabalan, B., Barve, A., Pradeep Kumar, S., Dikshit, S.
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Intelligent algorithms in privacy-preserving authentication schemes and traceability with accuracy in VANETs for smart transportation

Sikka, R., Kamalraj, R., Shah, P.K., ...Anwar, S.R., Kumar, A.
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Organic municipal solid waste derived hydrogen production through supercritical water gasification process configured with K2CO3/SiO2: Performance study

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Biomass and Bioenergy, 2024

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Revolutionizing Data Transmission Efficiency in IoT-Enabled Smart Cities: A Novel Optimization-Centric Approach

Sudhagar, D., Saturi, S., Choudhary, M., ...Yalawar, M.S., Vidhya, R.G.
International Research Journal of Multidisciplinary Scope, 2024

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Design, Kinematic and Dynamic Modelling, Control and Path Tracking of 3 Wheels Mobile Robot Vehicle

Sanjaykumar, Y.N., Gor, M.
Ssrg International Journal of Mechanical Engineering, 2024

Article

Estimation of calorific value using an artificial neural network based on stochastic ultimate analysis

Thakur, D., Kumar, S., Kumar, V., Kaur, T.
Renewable Energy, 2024

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A Modified-YOLO based Vehicle-Pedestrian Detection Model for Improved Urban Mobility

Desai, K., Sahatiya, P., Singh, D.K.
Aip Conference Proceedings, 2024

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Treatment of Municipal Wastewater using Microalgae and Green Synthesized Nanocatalyst: Process Optimization by Response Surface Methodology

Parmar, B., Sandhwar, V.K., Saxena, S., Yadav, A.R., Joshi, U.A.
Aip Conference Proceedings, 2024

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Geochemical evaluation and the mechanism controlling groundwater chemistry using chemometric approach and groundwater pollution index (GPI) in the Kishangarh city of Rajasthan, India

Kumar, M., Garg, V., Kumar, R., Kumar, R.
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Identification of earthquake induced structural damage based on synchroextracting transform

Roshan, K.P., Kumar, G., Zhao, W., ...Kumar, J., Amponsah, E.
Earthquake Engineering and Engineering Vibration, 2024

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Environmental Health and Its Influence on Community Health Outcomes | La salud medioambiental y su influencia en los resultados sanitarios de la comunidad

Jain, R., Mane, M., Hota, H.N., ...Gupta, S., Pednekar, A.
Health Leadership and Quality of Life, 2024

Conference Paper

AI-Driven Digital Mirror Technology for Securing IoT-Enabled Smart Infrastructures

Chaudhary, J., Jain, U., Sudarshan, N., ...Sutaria, K.K., Natrayan, L.
2nd IEEE International Conference on Integrated Intelligence and Communication Systems Iciics 2024, 2024

Conference Paper

Waste Classification using Edge based Multilayer White Shark Dense Net-Spiking Neural Network from Urban Areas

Chitra Kiran, N., Rawat, R., Madhavi, T., ...Rabadiya, D., Kumar, K.
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Real-time Road Surface Assessment through IoT Data Analysis and Random Forest

Ramakrishnan, R., Raman, R., Vekariya, V.M., ...Narayana, K.E., Murugan, S.
8th International Conference on Electronics Communication and Aerospace Technology Iceca 2024 Proceedings, 2024

Conference Paper

Smart Flood Detection and Communication in Hazardous Zones via MANET-Based IoT and Parallely Distributed Slimmable Neural Networks

Sathya, V., Bhadula, S.J., Srinivasan, R., ...Panda, B.S., Barve, A.
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Conference Paper

Assessing the LOS of At-Grade Gotri Intersection under Mixed Traffic Condition (Vadodara)

Damor, D., Sharma, A.
2024 Parul International Conference on Engineering and Technology Picet 2024, 2024

Conference Paper

A Comprehensive review based on Earthen membrane in Microbial Fuel Cells

Tiwari, A.K., Yadav, N., Anghan, K., ...Vyas, M., Ghanchi, S.U.
2024 Parul International Conference on Engineering and Technology Picet 2024, 2024

Conference Paper

Comparative Electrooxidation Assessment of Simulated and Industrial Nitrogenous Effluents using DSA and Commercial Electrodes under the Influence of Electrolyte

Saxena, P., Saxena, P., Joge, P.N., Mehta, N.
2024 Parul International Conference on Engineering and Technology Picet 2024, 2024

Conference Paper

Optimizing Urban Heat Response with IoT-Driven Manhole Heat Detection using Recurrent Neural Networks

Shelke, A.F., Ramakrishnan, R., Vekariya, V.M., ...Ganesh Babu, T.R., Srinivasan, C.
8th International Conference on I Smac Iot in Social Mobile Analytics and Cloud I Smac 2024 Proceedings, 2024

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Adaptive Traffic Management in Smart Cities using Deep Reinforcement Learning for IoT Mobile Ad Hoc Networks

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Conclusion:

Through its multidisciplinary approach, innovative research, and community-driven initiatives, Parul University continues to strengthen its contribution to sustainable urban development. By fostering innovation, environmental stewardship, and smart city solutions, the University upholds its vision of creating resilient, inclusive, and sustainable communities for the future.

Parul® University

NAAC GRADE A++



12

RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG 12 – RESPONSIBLE CONSUMPTION AND PRODUCTION

Introduction:



Parul University is deeply committed to shaping a sustainable future by promoting responsible consumption and production in alignment with SDG 12. The University embeds sustainability principles into its curriculum, encourages ethical sourcing, and supports local suppliers through fair labour practices. Its proactive initiatives include waste reduction, recycling, discouraging single-use plastics, wastewater reuse for irrigation, application of biosolids in agriculture, adoption of solar energy, promotion of electric vehicles, and the establishment of biogas plants, regular green and energy audits, along with strategic planning for a Net Zero Campus, further highlight its commitment to minimizing environmental impact. Through SDG-focused research and multi-stakeholder collaborations, the University not only demonstrates its achievements but also outlines future aspirations. These efforts enable Parul University to set benchmarks in the higher education sector, fostering a greener, more inclusive, and globally connected academic ecosystem.

Ethical Sourcing Policy (food and Supplies):

The University has adopted an ethical sourcing policy that emphasizes sustainability and responsibility in procurement practices. This policy provides clear guidelines for sourcing food and supplies, giving priority to environmentally friendly and ethically produced products. Parul University operates more than 21 mess facilities, 10 canteens, and 55 diverse food courts

with multiple outlets. Additionally, it is home to the Institute of Hotel Management and Catering Technology, where students receive training in catering and housekeeping services. Together, these facilities ensure the provision of essential meals—breakfast, lunch, evening snacks, and dinner—for students, faculty, and staff. The University also remains committed to supporting local sustainable producers while fostering ethical awareness across the campus community.



International Studetns' Mess



Common Mess





Food Outlets



Canteen



Food Courts




Students Receive Training in Catering and Housekeeping Services





Ethical Awareness Programme Across the Campus Community.

Policy Waste Disposal – Hazardous Materials:

Parul University has implemented stringent guidelines for the safe management and disposal of hazardous materials. Biomedical waste is segregated in strict compliance with government norms and collected on alternate days by the authorized vendor, *Samvedna BMW Incinerator*. These measures ensure that potentially harmful biological waste is handled with care and disposed of responsibly, minimizing risks to both the environment and the campus community. Established protocols emphasize proper storage, containment, and disposal in adherence to environmental and safety regulations, thereby safeguarding human health and natural ecosystems. This comprehensive approach reflects the University's strong commitment to maintaining a safe and sustainable campus.





SAMVEDNA B.M.W. INCINERATOR

GUJARAT POLLUTION CONTROL BOARD AUTHORISED CBMWTF

Plot No. 2171, Chandrapura Industrial Estate, Chandrapura, Ta. Halol-389 350, Panchmahal, Gujarat.
Ph. No. : (02676) 234897 Help Line No. : 8141388333 E-mail : samvednaim@gmail.com, www.samvednabmw.com

CERTIFICATE

This is to certify that : Parul Sevashram Hospital
Dr. / In-charge : Dr Geetika Madan
Located at the address : At. & Po. Limda

City/Village : Limda **Taluka** : Waghodia **District** : Vadodara **Pincode** : 391760

Is enrolled as a member for Biomedical Waste Management at our GPCB authorised Common Biomedical Waste Treatment Facility. They have agreed to provide BMW generated at their unit to our CBWTF as per BMW Management Rules 2016 and amendments thereto and pay charges for the same as per the agreed contract.

Membership No.	Valid Upto	No. of Beds	(GPCB) BMW-ID
SBM-773	31-Mar-2026	1100	390347

Place : Limda
Issue Date : 12-Aug-2025

For Samvedna B.M.W. Incinerator
Partners

Policy Waste Disposal - Landfill Policy:

Parul University has introduced a comprehensive landfill policy to effectively manage waste disposal. The policy emphasizes monitoring the volume of waste diverted from landfills and the proportion recycled, thereby enhancing the University's environmental impact and sustainability efforts. To strengthen its waste management framework, the University has signed an MoU with *Kachare Se Azadi Foundation*, a registered and authorized agency. Under this partnership, the foundation assumes complete responsibility for dry waste management, develops structured systems including design support and vendor selection, ensures direct channelling of waste to recyclers, and provides certification from authorized recyclers to verify compliance.

Parul® University

INDIA'S YOUNGEST NAAC A++ ACCREDITED UNIVERSITY

MEMORANDUM OF UNDERSTANDING

THIS MOU (the "Agreement") is entered into, and effective as of 01 of June 2023 ("Effective Date") by, and between:

Parul University, an Indian private university in Gujarat having its registered office at Waghodiya, Vadodara, Gujarat (hereinafter referred to as "Parul University", which expression, unless repugnant to the context hereof, shall mean and include its successors and assigns). First Party

and

Kachare Se Azadi Foundation, a section 8 company under company act 2013, having the CIN U85300GJ2021NPL120883, having CSR Registration No CSR00000425 and having its registered office at
SF202, Lotus Aura 2, Nr IOCL petrol pump, Vemali, Vadodara and correspondence address at SF-202, Lotus Aura 2, Nr IOCL petrol pump, Vemali, Vadodara hereinafter referred to as "Project Executer", which expression, unless repugnant to the context hereof, shall mean and include its successors and assigns). Second party

WHEREAS, Parul University is a global Institute and is desirous of setting up its Waste Management activities vide its own fund described in ANNEXURE 2 here to (the "Project"); and

WHEREAS, KSA Foundation represents that it has the capability, experience in and resources for supporting such activities, especially with training and management and desires to provide the activities for Parul University in accordance with the terms of this Agreement.

NOW, THEREFORE, in consideration of the promises and the mutual covenants and agreements hereinafter set forth, the parties hereby agree as follows:

Scope for Kachare Se Azadi Foundation for the Project

1) 100% Dry Waste Management Responsibility.
2) Set a system of waste management. KSA Foundation will help in giving design as well as support in finding vendor for construction of site.
3) Help selling Waste directly to the recycler
4) Completing Compliance with certificate of recycling from Authorized recycler.

MoU with *Kachare Se Azadi Foundation*

The University has also partnered with *MSA Bio-Energy Pvt. Ltd., Vadodara*, for the operation of a biogas plant with a capacity of 25+85 m³/day (KVIC floating dome model). The plant processes approximately 1,200 kg/day of food waste from canteens and mess facilities, along with 2,500 kg/day of cattle manure from the University farm, to generate up to 110 m³/day of raw biogas and 5,000 litres/day of nutrient-rich digested slurry. This initiative not only reduces waste but also contributes to renewable energy generation and sustainable consumption practices.



Bio-Gas Plant

Furthermore, Parul University has signed an MoU with *Unicare E-Waste Recycler* for the safe collection and ethical recycling of IT waste. The agency ensures that all e-waste is processed in compliance with the regulations of the State and Central Pollution Control Boards.



UNICARE
E-Waste Recycler
Recycle for a better environment

Certificate No. UEWR/GPC/533 Issue Date : 29/06/2024

Recycling Certificate Of Excellence

This Certificate is Proudly Presented to
Parul University.(Whaghodia Road,Vadodara)

E WASTE COMPLIANCY CERTIFICATE IN ACCRODANCE WITH ENVIORNMENT LAWS & LEGISLATION

We congratulate to you on your commitment to environmentally sound practice through utilization of our recycling technology to minimize electronic waste.
We recycle your electronic waste in an appropriate, ethical responsible manner that adheres to the law & legalizations of State and Central Pollution Control Board.

The pick-up activity for same was carried on : 05/06/2024 Total Weight : 1565 Kg

Find out the benefits of responsible recycling. You will be surprised to learn that your efforts benefit the environment in a tremendous way!

Registration No. Reg/G.P.C.B/AWH-121184 FOR UNICARE E-WASTE RECYCLER

UEWR/GPC/533

Unicare E-Waste Recycler

Through these comprehensive policies and collaborations, Parul University demonstrates its deep commitment to responsible waste management, biodiversity, renewable energy, and the creation of a clean, green, and sustainable campus.

Policy for Minimisation of Plastic Use:

Parul University places strong emphasis on creating a sustainable and green campus through effective waste management practices that ensure proper treatment and disposal of degradable and non-degradable waste. The institution consistently promotes a clean and eco-friendly environment by limiting the use of plastic and other harmful materials. Embracing the principles of reuse and recycling, students and faculty from Architecture, Design, and Engineering transform waste into useful models and creative projects. To minimize paper consumption, administrative systems are digitized. Through initiatives like the NSS-led “No Plastic Campaign,” the University spreads environmental awareness and promotes the use of eco-friendly disposable materials.



NSS-led “No Plastic Campaign”

Policy For Minimisation of Disposable Items:

Parul University is committed to minimizing the consumption and use of disposable materials across its campus. This policy encourages all departments, faculty, staff, students, and associated entities to reduce reliance on single-use plastics, disposable utensils, paper cups, and similar items. The university strives to lessen its environmental footprint by promoting the adoption of reusable alternatives and sustainable practices.

Waste Management Tracking:

Parul University has a formal collaboration with the ***Kachare Se Azadi*** Foundation, which measures the weight of waste at the truck/tempo weighing station. This system helps the University monitor waste generation in an organized manner. The sustainability team regularly reviews this data to identify ways to reduce waste and to encourage greater recycling and reuse throughout the campus.





The solid waste is transported by truck or tempo and processed further using a baling machine.

Implementation Strategies:

Parul University promotes sustainability through its Sustainable Procurement Policy, which encourages eco-friendly and socially responsible purchasing to minimize environmental impact across the supply chain. The University supports recycling, the use of reusable products, and the adoption of renewable energy sources. In line with SDG 12, the green campus generates solar energy that powers electric vehicles and supports campus operations. Solar panels, solar streetlights, LED lighting, and green landscaping help reduce carbon emissions, conserve energy, and lower operational costs. These initiatives reflect the University's strong commitment to sustainable consumption and production for a greener and more responsible future.





Solar **E vehicles**



Green Belt Area





LED lighting & Solar streetlights at university

Minimizing Waste, Maximizing Sustainability:

Parul University encourages sustainable consumption in all areas of its functioning. It promotes the use of good-quality recyclable paper cups for tea and coffee during events and regular activities, ensuring they are responsibly sourced and properly managed through a recycling system. This approach is also followed in the University's dining spaces, where students use reusable steel plates and spoons, along with paper and clay crockery, to reduce single-use disposables. The University's Vendor Department monitors this practice to maintain uniformity and ensure sustainable dining operations across the campus.





Parul University's on-campus eateries focus on sustainability by providing eco-friendly items such as biodegradable wooden spoons and recyclable paper, under the guidance of the Vendor Department. The University Mall follows the same practices to maintain consistency. The University has also installed over ___ chilled water refill stations across the campus, making clean drinking water easily accessible and encouraging hydration. These efforts demonstrate Parul University's dedication to conserving resources and promoting responsible consumption, in line with the UN Sustainable Development Goals.





RO water facilities

Practical Crop Production:

Between 2023 and 2025, Parul University recorded significant variations in agricultural yields. Paddy production reached a record 2,800 kg/ha in 2024, while wheat achieved its highest yield of 3,400 kg/ha in 2025. Mustard yield was comparatively higher in 2024 at 1,600 kg/ha but later declined to 1,100 kg/ha. Other crops such as maize and sugarcane also showed varied performance, reflecting increased crop diversification by 2025.

Based on recent data, the average yield (kg/ha) for major crops during 2024–2025 was as follows: Rice (Paddy) – 2,515; Wheat – 3,384; Maize – 2,582; Sorghum (Jowar) – 1,005; Pearl Millet (Bajra) – 1,283; Green Gram (Moong) – 468; Black Gram (Urd) – 598; Pigeon Pea (Tur/Arhar) – 868; Mustard (Rapeseed & Mustard) – 1,059; Soybean – 1,084; Oats – 1,400–1,600; Sugarcane – 77,609; and Cotton (Lint) – 445.

The University also manages its own agricultural cafeteria, where continuous cultivation from 2022 to 2025 has shown steady improvement. Paddy yields rose from 32 quintals/ha in 2022–23 to a record 36 quintals/ha in 2024–25, aided by the incorporation of sun hemp for green manuring. Chickpea production increased from 22 quintals/ha in 2023–24 to 23 quintals/ha

in 2024–25. Pearl millet yielded 28 quintals/ha in 2023–24, while fodder sorghum was cultivated simultaneously to support livestock feed requirements.

Overall, these ongoing agricultural activities between 2022 and 2025 highlight Parul University's commitment to sustainable and productive farming practices through crop diversification, soil enrichment, and integrated crop–livestock systems.



University's Own Farm



Indian Bean



Maize



Mustard



Ajwain

(MLD) Sewage Treatment Plant:

Internal System at the Campus: Before disposing their effluent, all chemicals are neutralized. There is a 3. 5 Megalitres per day (MLD) Sewage Treatment Plant installed and functional in this campus for treatment of waste water as per respective guidelines and treated water is used for irrigation purposes and other slugs for agriculture purpose.



Roles and Responsivity of Sustainability Team:

Parul University adopts a sustainable and holistic approach to creating a green campus. The establishment of a Sustainability Committee is a crucial step toward ensuring a safe and healthy environment for teaching and non-teaching staff, students, and parents. The University bears the responsibility of guiding committee members to perform their designated roles, which include monitoring and coordinating with partner agencies to verify whether waste is being properly segregated at the source. Wherever possible, efforts should be made to reduce, reuse, recycle, or convert waste into value-added, eco-friendly products such as compost, biogas, or other renewable resources. Additionally, the committee ensures that all waste management and renewable resource practices comply with government regulations. Ultimately, the University is committed to adopting the principles of *Best Environmental Practices* in delivering efficient waste management services. By doing so, Parul University strengthens its commitment to building a green, sustainable, and environmentally responsible campus.

Responsible Sourcing

At Parul University, we remain firmly dedicated to responsible sourcing, emphasizing the selection of products and services that are sustainable, ethical, and socially conscious. Every

procurement decision and engagement with external vendors is made with thoughtful consideration, carefully assessing their potential impact on people and the environment throughout the supply chain. We collaborate with suppliers who share our commitment—those who work to reduce environmental harm, promote fair and humane labor conditions, and advance social equity. Embedding these values into our procurement practices enables us to minimize ecological footprints, strengthen communities, and uphold global ethical standards. This approach reflects our broader mission of nurturing a healthier planet and fostering an equitable society, ensuring that every decision we make contributes positively to the world.

Campus/Extension Engagement Activities:

Parul University emphasizes holistic education through active engagement in community and extension activities. Students and faculty regularly participate in initiatives such as health check-up camps, blood donation drives, cleanliness campaigns, tree plantation, awareness rallies, and visits to old age homes and orphanages. These programs are conducted in collaboration with local government bodies and NGOs, addressing health, hygiene, education, and environmental concerns in nearby villages. Such experiential learning fosters compassion, leadership, and civic responsibility among students, reflecting the University's commitment to social upliftment and sustainable community development.



Health Check-Up Camp at Por Village – Free medical services and awareness on preventive health.



Tree Plantation Drive on Campus – Promoting a greener and cleaner environment.



Rally on Awareness on water conservation and Catch the Rain- Campaign



Blood Donation Camp at Parul University – Voluntary contribution towards saving lives.

Reusing for a Brighter Future in "Joy of Giving" by Social Responsive Cell, Parul University:

Parul University actively supports the Sustainable Development Goals (SDGs), particularly SDG 12 – Responsible Consumption and Production – by promoting responsible use of resources through initiatives like the *Joy of Giving*. This philanthropic project, led by the Social Responsive Cell, encourages individuals to donate clothes, shoes, and other essentials to those in need, thereby fostering reuse and reducing new production. Additionally, the *PU Charity Auction* serves as a fundraising platform to support various social causes and community initiatives. The Social Responsive Cell extends heartfelt gratitude to the Parul University community for their generous support and contributions. These initiatives collectively reflect the University's commitment to minimizing waste generation through recycling and reuse, while nurturing environmental awareness, compassion, and sustainable social responsibility**.**





NSS And Other Students' Clubs of Various Institutes of University Collaborated in Order to Have a Greener Campus:

Students from various clubs, including the NSS, carried out a campus-wide cleanup and also organized activities promoting plastic-free living and environmental protection. These efforts support SDG 12's goal of reducing waste generation by 2030 through prevention, recycling, and reuse. Beyond collecting waste, the initiative encouraged students to take responsibility for keeping the campus clean. Using campus spaces for recreation and gardening further promoted sustainability and enhanced the university's landscape. This collective effort helped

students develop eco-friendly habits and inspired them to address environmental challenges, highlighting the importance of improving life quality and taking action against climate change.



Research and Publication:

Responsible consumption and production

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Conclusion:

Parul University is deeply committed to advancing Sustainable Development Goal 12 (Responsible Consumption and Production) through sustainable campus management and the prudent utilization of resources. The university actively promotes efficient waste segregation, recycling, and reuse across its departments and hostels. Infrastructure such as waste management units, biogas plants, and paper recycling systems helps reduce environmental impact while fostering a circular economy approach within the campus.

Furthermore, Parul University integrates energy-efficient technologies, digital documentation practices, and sustainability awareness programs into both academic and administrative activities. The institution also promotes responsible food consumption through its zero-food-waste initiatives and eco-friendly canteen operations.

In essence, Parul University adopts a comprehensive and inclusive approach toward achieving SDG 12 by embedding sustainability into its education system, daily operations, and community engagement efforts—nurturing environmentally conscious individuals dedicated to sustainable production and consumption practices.

Parul® University | NAAC GRADE A++



13

CLIMATE ACTION





SDG 13: Climate Action

1. Executive Summary

Parul University has established itself as a formidable force in the global fight against climate change, embodying the principles of SDG 13 through a powerful synergy of **action-oriented outreach, innovative research, and academic excellence**. The university's approach is twofold: it directly engages with communities to build resilience and awareness, while its faculty and students pioneer groundbreaking research in renewable energy, sustainable materials, and environmental science. From farmer awareness programs and massive e-waste drives to developing next-generation biofuels and carbon capture technologies, Parul University is not just studying climate change but is actively deploying solutions. This report details these multifaceted initiatives, showcasing a deep, institutional commitment to a sustainable future.

2. Key Initiatives and Contributions

The university's contributions are strategically aligned across three interconnected pillars: Community Action and Awareness, Pioneering Research and Innovation, and Academic Integration and Thought Leadership.

Pillar 1: Community Action and Environmental Awareness

This pillar reflects the university's dedication to translating knowledge into tangible community impact, fostering a culture of sustainability at the grassroots level.

- **Agricultural Resilience and Farmer Empowerment:**
    - **Farmer Awareness Program at Dhankuva, Pavagadh (Feb 2024):** Focused on the critical issue of soil health for sustaining crop productivity, this program equipped local farmers with knowledge to build resilience against climate-induced soil degradation.
- **Large-Scale Cleanliness and Conservation Drives:**
    - **Swachh Bharat Abhiyaan Campaigns:** Multiple campaigns promoted waste management, hygiene, and the elimination of open defecation, directly contributing to a cleaner environment and reduced pollution.
    - **E-Waste Collection Drive (June 2024):** In collaboration with M/S Unicare E-Waste Recycler, this drive responsibly collected and recycled electronic waste, preventing toxic leakage into the environment and promoting a circular economy.

    - **Plastic Waste Collection at Timbi Lake (Feb 2024):** A targeted drive removed 60 kg of plastic waste, directly protecting avian and aquatic life from plastic pollution, a significant environmental threat.

- **Environmental Education and Advocacy:**
    - **Van Mahotsav 2023 & World Environment Day Activities:** Through events like poster-making competitions and awareness programs at Kumar Primary School, the university instilled the values of forest conservation and environmental stewardship in the younger generation.

Pillar 2: Pioneering Research and Technological Innovation

The research output of Parul University is a testament to its role as a leader in developing the technologies needed for a low-carbon future. Key research themes include:

- **Renewable Energy and Green Hydrogen:**
    - **Advanced Biofuels:** Extensive research on biodiesel from novel sources like *Sterculia foetida*, *Cascabela thevetia*, and waste plastic, enhanced with nanotechnology for efficiency and lower emissions (*Nano, Case Studies in Thermal Engineering, RSC Advances*).
    - **Green Hydrogen Production:** Reviews and studies on waste-derived catalysts for zinc-air batteries, nanocatalyst innovations, and the production of green hydrogen in offshore environments (*Results in Engineering, International Journal of Hydrogen Energy*).
    - **Solar and Nuclear Energy:** Research on hybrid solar-PCM systems for buildings, solar thermal collectors, and the role of nuclear energy for India's energy security (*Sustainable Energy Technologies and Assessments, Results in Engineering*).
- **Carbon Capture, Sequestration, and Emission Reduction:**
    - **Direct Air Capture:** Development of nanogels from industrial slags for CO2 sequestration and resistance-based CO2 gas sensors (*Results in Chemistry, Micromachines*).
    - **Biochar for Sequestration:** Research on continuous pyrolysis of rice husk for biochar production and the application of nano-biochar to improve soil health, which also sequesters carbon (*Results in Engineering, Nano Biochar and Nanoparticles for Soil Health Improvement*).
    - **Emission Modeling:** Predictive analysis of CO2 emissions in urban traffic using neural networks and ensemble learning techniques for climate change discourse (*Emission Control Science and Technology, Automatic Control and Computer Sciences*).
- **Sustainable Materials and Circular Economy:**

- **Waste-to-Value:** Conversion of waste into valuable products, such as catalysts for batteries, adsorbents for wastewater remediation from wheat straw, and diesel from plastic (*ChemistrySelect, Results in Engineering*).
- **Smart Manufacturing:** Development of smart polymer composites and frameworks for additive manufacturing aimed at achieving net-zero manufacturing (*Polymers, IEEE Access*).

Pillar 3: Academic Integration, Policy, and Thought Leadership

The university embeds climate action into its academic core and contributes to the broader policy and economic discourse.

- **Climate-Resilient Agriculture:**
  - Numerous publications and book chapters address crop resilience to salinity stress using nanoparticles, the impact of climate change on spice crops, and mathematical modeling for climate-smart agriculture (*Discover Sustainability, Handbook of Spices in India, Mathematical Modeling in Agriculture*).
- **Supply Chain and Economic Decarbonization:**
  - Significant research focuses on achieving net-zero in manufacturing supply chains using Life Cycle Assessment (LCA), carbon capture, and hybrid decision-making models (*Heliyon, Sustainability Switzerland*).
  - Studies integrate social, economic, and environmental sustainability into inventory modeling and explore critical barriers in adopting electric mobility (*RAIRO Operations Research, Picet 2024*).
- **Climate Change Impact Assessment and Adaptation:**
  - Research analyzes the impact of climate change on Himalayan glaciers, infectious diseases, urban heat islands, and inland waterways, providing critical data for adaptation strategies (*Sustainable Development Goals Series, Georgian Medical News, Geomatics Natural Hazards and Risk*).
- **Academic Curriculum and Knowledge Dissemination:**
  - The publication of key texts like *"Climate Change and Sustainable Development"* and numerous book chapters ensures that the latest climate science and sustainable practices are integrated into the learning journey of students.

3. Conclusion and Future Outlook

Parul University's contribution to SDG 13 is profound and multi-dimensional. It successfully bridges the gap between academic research and real-world application, demonstrating a model for how universities can be catalysts for climate action. The institution is not only developing the technologies of tomorrow but is also empowering communities and shaping policies today.

Moving forward, Parul University is exceptionally well-positioned to:

- **Scale Impact:** Expand the reach of its successful community outreach programs to more villages and urban centers.
- **Foster Commercialization:** Create pathways to translate its prolific research in biofuels, carbon capture, and smart materials into commercially viable products and startups.
- **Deepen Interdisciplinary Synergy:** Further integrate research from engineering, management, agricultural sciences, and public health to create holistic climate solutions.

SDG 13 - CLIMATE ACTION

FARMER AWARENESS PROGRAM AT DHANKUVA, PAVAGADH

On February 24, 2024, a Farmer Awareness Program was organized in Dhankuva Village, Halol district, Dist.- Panchmahal. The program, a collaborative effort with the Sakshamthad Foundation, was designed to address the pressing issue of Soil health for sustaining crop productivity.





SWACHH BHARAT ABHIYAAN CAMPAIGN

Swachh Bharat Abhiyan" (Clean India Mission) is a nationwide cleanliness campaign initiated by the Government of India to achieve the vision of a clean and open-defecation-free India. The objectives of creating awareness about Swachh Bharat Abhiyan are aimed at promoting cleanliness, hygiene, and sanitation practices. The key objectives were to promote cleanliness and Hygiene, raise awareness about the importance of cleanliness and good hygiene practices to improve overall public health, eliminate Open Defecation, Educate communities about the hazards of open defecation and encourage the use of toilets and proper sanitation facilities.





ENVIRONMENT AWARNESS AT KUMARSHALA, WAGHODIA

The Environment Awareness Program celebrated the Van Mahotsav 2023 event under Sakshamthad Foundation at Kumar Primary School in Waghodia. The program aimed to create awareness among the community about the importance of preserving and conserving the environment, particularly focusing on the significance of forests and trees. The event was coordinated by Prof. Rina Choksi and Priyanka Mehata from Parul Institute of Engineering and Technology, with the participation of students from Parul University who delivered insightful presentations.





POSTER MAKING AWARENESS ON WORLD ENVIRONMENT DAY

On the occasion of World Environment Day,Parul Polytechnic Institute in association organized a poster-making activity and to engage students and raise awareness about environmental issues. The primary objective of the activity was to encourage students to express their creativity while promoting environmental awareness. The activity aimed to inspire students to think critically about environmental challenges and solutions, fostering a sense of responsibility towards the planet.





E-WASTE COLLECTION DRIVE

Parul Institute of Engineering & Technology Diploma Studies, in a commendable effort to promote environmental sustainability, has organized an E-Waste Collection Drive in collaboration with M/S Unicare E-Waste Recycler. The drive, held on June 3rd and 4th, 2024, aimed to responsibly collect and dispose of electronic waste generated within the campus and the surrounding community. By partnering with the reputable e-waste recycler, M/S Unicare, the institute ensured that collected items were recycled in an environmentally-friendly manner.





BIRD WATCHING AND PLASTIC WASTE COLLECTION DRIVE AT TIMBI LAKE

Parul Institute of Engineering & technology Diploma Studies College, Parul University was conducted “Bird watching and Plastic waste collection drive” on 2nd February 2024 at Timbi Lake in Collobration with Rotary Club of Baroda Greens and SRC.The major objectives were, Plastic pollution presents a three-fold threat to birds, entanglement in fishing gear and other plastic litter is the most visible but affects fewer individuals. Ingestion of plastic waste is more pervasive and can affect large proportions of some species. Birds mistake plastic as food causing them to starve to death as their stomachs fill up with undigestable plastic. As a result, we have collected 60 kg of Plastic waste.





SWACHH PU ABHIYAN AWARENESS CAMPAIGN

Parul Institute of Physiotherapy, in collaboration with the Sakshamthad Foundation, organized an impactful 'Swachh PU Abhiyan' Awareness Campaign on June 6th, 2023. The campaign focused on the theme of solid waste management, emphasizing the importance of achieving sustainable and holistic waste management practices to reduce the university's environmental footprint and provide a safe and healthy work environment for its teaching and non-teaching employees, as well as students. The session was designed to sensitize the participants on the significance of effective waste management and the role they can play in promoting a cleaner and more sustainable campus.





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14

LIFEBELOW WATER

SDG 14 – Life Below Water Report

Introduction:

Parul University is deeply committed to the principles of sustainable development, actively aligning its educational practices and campus operations with the United Nations Sustainable Development Goals (SDGs). In alignment with SDG 14 – Life Below Water, the University undertakes initiatives that promote water conservation, pollution reduction, and awareness on the importance of protecting aquatic ecosystems. Although situated inland, the University recognizes that the protection of all water systems, including rivers, lakes, and groundwater, is essential to maintaining ecological balance and ensuring the well-being of both human and aquatic life.

Campus Initiatives:

Parul University has implemented several sustainable water management systems across its 150+ acre campus. The University operates an efficient wastewater treatment and recycling plant, ensuring that treated water is reused for gardening, landscaping, and sanitation purposes. Rainwater harvesting systems have been installed across multiple buildings to recharge groundwater levels and reduce dependency on external water sources. Plastic reduction and waste segregation campaigns are regularly organized to minimize pollution that could affect local water bodies.



3.5 MLD Sewage Treatment Plant -STP





Rain water Havering and Recharge Well





Plastic reduction and waste segregation campaigns by University students

Student and Faculty Activities

Through the National Service Scheme (NSS) and various student clubs, Parul University conducts awareness campaigns, seminars, and clean-water drives to promote responsible water usage and protect local aquatic environments. During the academic year 2023–24, students participated in lake and pond cleanliness activities in nearby communities, poster-making competitions, and environmental awareness rallies on World Water Day and World Environment Day.



Clean-water drives of NSS team of Parul University

Research and Innovation

The University's research ecosystem encourages innovation in the field of environmental and water sustainability. Faculty and students from engineering, environmental science, and biotechnology programs have undertaken projects focused on water purification, wastewater recycling, and the use of eco-friendly materials to reduce water contamination. Interdisciplinary research centers also work towards identifying sustainable models for the protection of aquatic life and the improvement of water quality in rural and urban settings.

Research & publications:

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Collaborations and Partnerships

Parul University collaborates with government bodies, NGOs, and industries to implement effective water conservation programs. The University has partnered with local municipal authorities for clean-water campaigns and with environmental organizations to conduct training workshops and expert talks on water sustainability. These collaborations help extend the impact of the University's initiatives beyond the campus and into surrounding communities.



Clean-water campaigns by NSS team of Parul University



Rally on Awareness on water conservation and Catch the Rain- Campaign

Activity Report

INSTITUTE	**Armed Forces Motivational Cell_PIET**		
ACTIVITY TYPE	**World Plastic Day**		
ACTIVITY TITLE	**PUNEET SAGAR ABHIYAN- International Plastic Bag Free Day**		
DATE	**JULY-03-2023**	**Duration:**	**01 DAY**
No. of Students	**55**		
EXPERT NAME WITH DESIGNATION	**Mrs. Mansha Kumari B. Patel**		
NAME OF ORGANIZATION	**Parul University of Armed Forces Motivational Cell**		
EXPERT CONTACT DETAILS	**95587120807**		
FACULTY COORDINATOR	**Cdr. Sanjay Sharma**		
FACULTY CONTACT DETAILS	**9445110234**		

Activity Details:

OBJECTIVE:

1. Raise awareness: the primary objective of the NCC's awareness campaign on plastic is to raise awareness among cadets, students, and the wider community about the environmental impact of plastic pollution. By providing information and educational materials, the campaign aims to increase knowledge about the harmful effects of plastic on ecosystems, wildlife, and human health. The objective is to create a sense of urgency and inspire individuals to take action in reducing plastic waste.
2. Promote responsible plastic usage: another objective is to promote responsible plastic usage practices. The NCC aims to encourage individuals to rethink their consumption patterns and adopt sustainable alternatives to single-use plastics. By highlighting the importance of reducing plastic waste, recycling, and exploring eco-friendly options, the campaign seeks to empower participants to make informed choices and contribute to mitigating plastic pollution.
3. Advocate for policy changes: the NCC awareness campaign also aims to advocate for policy changes related to plastic waste management. By educating participants about existing regulations and policies, the campaign seeks to promote a greater understanding of the need for stricter measures to address plastic pollution. The objective is to encourage participants to actively engage with local authorities, businesses, and

stakeholders to support policies that promote sustainable plastic usage and waste reduction.

ACTIVITY DETAILS.

Plastic pollution awareness campaign: the NCC conducted a comprehensive awareness campaign focused on plastic pollution o 3rd July 2023. The campaign aimed to educate cadets, students, and the wider community about the harmful effects of plastic on the environment, wildlife, and human health. Through interactive workshops, presentations, and informative materials, participants were made aware of the detrimental impact of single-use plastics and the importance ofreducing plastic waste.
Plastic clean-up drives: as part of the awareness activities, the NCC organized plastic clean-up drives in collaboration with local authorities and environmental organizations. Cadets and volunteers actively participated in cleaning up plastic waste from beaches, parks, streets, and other public areas. The clean-up drives aimed to highlight the extent of plastic pollution and demonstrate the importance of proper waste management.

PHOTOGRAPHS



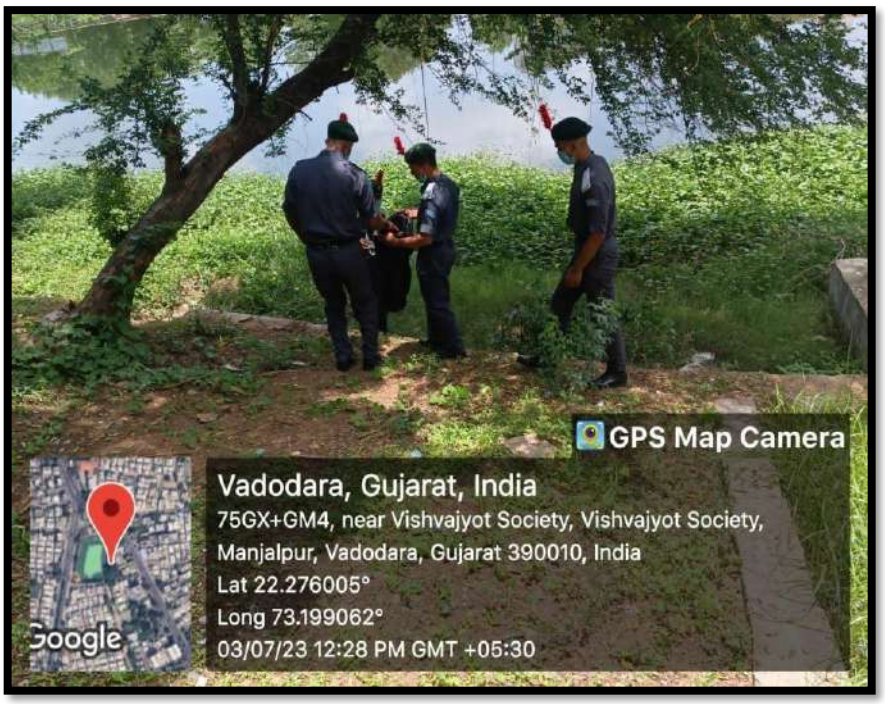
Cadets at Sama talav for collecting plastic waste



Cadets with Unit PO and PI staff



NCC Cadets collected Plastic wastes



Cadets doing social service activity

Outcomes:

World Plastic-Free Day observed by NCC cadets at Sama Talav in Vadodara yields numerous positive outcomes. Firstly, it raises awareness about the harmful impact of plastic pollution on the environment, educating the community on responsible plastic use. Secondly, it encourages the adoption of eco-friendly practices and the reduction of single-use plastics, fostering a sustainable mindset. The event often includes clean-up drives, contributing to a cleaner and healthier local environment. Additionally, it instills a sense of civic responsibility and collective action, motivating individuals to protect natural ecosystems and promote a plastic-free future.

ATTENDANCE RECORD

EVENT - INTERNATIONAL PLASTIC BAG FREE DAY

DATE 03/07/23 TIME 9:00 to 12:00

SR.NO.	REGIMENTAL NO.	NAME		WING	SIGN
1	GJ2022SWN227250	Srushtee	Patil	NAVY	Shrushtee
2	GJ2022SWN227247	JEENAL	MALVIYA	NAVY	Jeenal.
3	GJ2022SWN227248	Samruddhi	Phadke	NAVY	
4	GJ2022SWN227243	Gautami	Kasare	NAVY	
5	GJ2022SWN227239	Kumari Neetu	Singh	NAVY	
6	GJ2022SWN227204	Hasti	Maniyar	NAVY	
7	GJ2022SWN227210	Vidhi	Kumari	NAVY	Vidhi
8	GJ2022SWN227214	Preeti		NAVY	Preeti
9	GJ2022SWN227215	Pratibha	Agrawal	NAVY	Pratibha
10	GJ2022SWN227224	Katikam	Sushmitha	NAVY	
11	GJ2022SWN227227	SAKSHI	RATNAKAR	NAVY	
12	GJ2022SWN227228	SHAIK	Begum	NAVY	Rif. S/C.
13	GJ2022SDN227251	RAJAT	SHARMA	NAVY	Rajat
14	GJ2022SDN227249	Kuldeep	Khalotiya	NAVY	Kuldeep
15	GJ2022SDN227245	DURGA	NIKETHAN	NAVY	Sriniketh
16	GJ2022SDN227244	DUNABOYINA	PRABHAS	NAVY	D. Prabhas
17	GJ2022SDN227236	Sandeep	choudhary	NAVY	Sandeep
18	GJ2022SDN227237	Malhar	More	NAVY	More
19	GJ2022SDN227238	POLAMRAJU	VAJRA TEJ	NAVY	
20	GJ2022SDN227240	Amburi	Rohith	NAVY	
21	GJ2022SDN227241	ARIGA	SHANKAR	NAVY	
22	GJ2022SDN227201	DEEPAK	CHAUDHARY	NAVY	Deepak
23	GJ2022SDN227202	ABHINAV	Kumar	NAVY	Abhi
24	GJ2022SDN227203	Rachit	Wagh	NAVY	Rachit
25	GJ2022JDN227205	Prem	Pal	NAVY	
26	GJ2022SDN227206	RISHABH	TRIPATHI	NAVY	R Tripathi
27	GJ2022SDN227207	GUDUR VAMSEE	KRISHNA	NAVY	

EVENT - INTERNATIONAL PLASTIC BAG FREE DAY

DATE 03/07/23 TIME 9:00 to 12:00

SR.NO.	REGIMENTAL NO.	NAME		WING	SIGN
28	GJ2022SDN227209	Saheb	Alam	NAVY	
29	GJ2022SDN227211	NIKHIL	RAJ	NAVY	
30	GJ2022SDN227212	PRASANTH	CHUNDURU	NAVY	
31	GJ2022SDN227216	Athul	Pillai	NAVY	
32	GJ2022SDN227219	HANUMANULA	REDDY	NAVY	
33	GJ2022SDN227221	YASH	PANCHAL	NAVY	
34	GJ2022SDN227223	RAJPUROHITH	SINGSH	NAVY	
35	GJ2022SDN227226	Atharva	Karke	NAVY	
36	GJ2022SDN227229	TUSHAR	YADAV	NAVY	
37	GJ2022SDN227232	CHITNU	GOUDA	NAVY	
38	GJ2022SDN227234	TEJA	THATAVARTHI	NAVY	
39	GJ2022SDN227235	Varun	Sunkara	NAVY	
40	GJ21SWN227228	Mestry Vipula	Bhushan	NAVY	
41	GJ21SWN227230	Priya Mohanlal	Sharma	NAVY	
42	GJ21SWN227231	PARMAR PRACHI	VIMALSINH	NAVY	
43	GJ21SWN227232	Verma Naincy	Manoj kumar	NAVY	
44	GJ21SWN227233	Yadav sejal	Radheshyam	NAVY	
45	GJ21SWN227234	Pandole Mrunali	Harish	NAVY	
46	GJ21SWN227236	Teredesai Prapti	Pankaj	NAVY	
47	GJ21SWN227237	Devishree	Sivaraman	NAVY	
48	GJ21SDN227203	Yash Kumar M.	Rathwa	NAVY	
49	GJ21SDN227204	AGS	NAVANEETH	NAVY	
50	GJ21SDN227205	Thapa Krishna	Suni	NAVY	
51	GJ21SDN227207	Raviraj singh	Sisodia	NAVY	
52	GJ21SDN227208	Aniket	Kumar	NAVY	
53	GJ21SDN227209	Charan Ganesh	Reddy	NAVY	
54	GJ21SDN227210	Rana Varun	Raghuraj	NAVY	

EVENT - INTERNATIONAL PLASTIC BAG FREE DAY					
DATE	03/07/23		TIME	9:00 to 12:00	
SR.NO.	REGIMENTAL NO.	NAME		WING	SIGN
55	GJ21SDN227212	Anuj Anil	Khare	NAVY	
56	GJ21SDN227214	Parmar Dattraj	Virendrasinh	NAVY	
57	GJ21SDN227215	SHREY	PUROHIT	NAVY	
58	GJ21SDN227216	Bhatiya krishn	Prafulkumar	NAVY	
59	GJ21SDN227217	Mailapalli-Bhuvan chandrA	Bala raju	NAVY	
60	GJ21SDN227220	Mayankkumar Basantlal	Joshi	NAVY	
61	GJ21SDN227221	Mahajan Rasesh	Anand	NAVY	
62	GJ21SDN227222	Viramgama Navdeep	Mukesh	NAVY	
63	GJ21SDN227224	Daler Harsh	Kuldeep	NAVY	

Name & Signature of Coordinator:

Mansha Kumari

Prof. Mansha Kumari

Commander Sanjay Sharma (Retd)

Director Armed Forces Motivational Cell

Activity Report

DEPARTMENT	**CIVIL ENGINEERING**		
ACTIVITY TYPE	**SRC ACTIVITY**		
ACTIVITY TITLE	**ENVIRONMENTAL AWARNESS AMODAR VILLAGE**		
DATE & TIME	**19/01/2024** **12:30 PM to 2: 30 PM**	**Duration**	**1 Day**
SEMESTER	**6**	**No. of Students**	**20**
EXPERT NAME WITH DESIGNATION	**KETUL BHAI PATEL**		
NAME OF EXPERT'S ORGANIZATION	**SARPANCH OF AMODAR VILLAGE**		
EXPERT CONTACT DETAILS	**9664986546**		
FACULTY COORDINATOR	**PRIYANKA MEHTA**		
FACULTY CONTACT DETAILS	**9016478336**		

Introduction:
We conducted an educational outreach program at the Government Primary School in Amodar, Gujarat, focusing on students from classes 6 to 8. The program aimed to enhance students' knowledge on physical well-being and environmental consciousness.

Physiotherapy Session:
Physiotherapy students initiated the program by teaching basic stretching exercises to promote physical health. This interactive session incorporated dance movements, making the learning experience engaging and enjoyable for the students.

Solid Waste Management Presentation:
Following the physiotherapy session, a presentation on solid waste management was delivered using a PowerPoint presentation. This segment aimed to raise awareness about the importance of proper waste disposal and its impact on the environment.

Importance of Environmental Awareness:

Preservation of Ecosystems:
Environmental awareness is crucial for the preservation of ecosystems and biodiversity, which are essential for maintaining ecological balance and supporting life on Earth.

Mitigation of Climate Change:
Awareness about climate change and its drivers empowers individuals and communities to take actions to reduce carbon emissions, adopt sustainable lifestyles, and mitigate the impacts of climate change.

Resource Conservation:
Understanding the finite nature of natural resources fosters responsible consumption habits, waste reduction, and the promotion of renewable energy sources.

Protection of Public Health:

Awareness of environmental hazards such as air and water pollution enables individuals to take measures to protect their health and well-being.

Interactive Q&A Session:

After the presentation, an interactive question and answer session took place, focusing on environmental issues. Students who actively participated and provided insightful answers were rewarded with chocolates, creating a positive and encouraging atmosphere.

Glimpses of activity:



Telling students about solid waste management



Prof. Priyanka Mehta giving token of appreciations to the school teachers.



Group photos of all students

Conclusion:

The educational outreach program at Government Primary School, Amodar, successfully combined physical well-being and environmental education. By incorporating physiotherapy and engaging activities, we aimed to promote holistic development among the students, fostering a sense of responsibility towards both personal health and the environment. The enthusiastic participation of the students indicated the effectiveness of this approach in making learning enjoyable and impactful.

ATTENDANCE LIST ON EDUCATIONAL OUTREACH PROGRAM AT GOVERNMENT SCHOOL			
Sr.No.	ENROLLMENT	NAME	SIGN
1.	210303104033	CHHAVIRAJ CHAUHAN	
2.	2203031047003	YUVRAJSINH CHAUHAN	
3.	2203031047004	YASH PATEL	
4.	2203031047005	ROHAN CHAVDA	
5.	2203031047011	ADESH PATEL	
6.	2203031047029	PARSHVANI PATEL	
7.	2203031047041	HEET KALOLA	
8.	2203031047042	DHRUMI	
9.	2203031047050	AKSHAR KAPADIA	
10.	2203031040021	RITIK KUMAR SAI PATEL	
11.	210303104098	YUVRAJ RANJAN SINGH	
12.	210303104045	KETHA UDAY TEJA	
13.	210303104036	PUSKAR JOSHI	
14.	2203031047009	MISHRA SHIVANI MANOJ	
15.	2203031047029	NISHAD ARADHANA GAURISHANKAR	
16.	2203031047032	VIKSH SAH	
PHYSIOTHERAPY STUDENTS			
1	2307202070001	PRACHI SANGHVI	
2	2307202020001	DHRUVI CHHAYA	
3	2307202020004	PALLAVI PATIL	
4	2307202020006	SAKSHI BHAVSAR	

Name & Signature of coordinator:

Signature & stamp of Head of department:

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Activity Report

DEPARTMENT	**CIVIL ENGINEERING DEPARTMENT**		
ACTIVITY TYPE	**TREE PLANTATION DRIVE AT KUMARSHALA (Primary school), WAGHODIA UNDER CELEBRATION VAN MAHOTSAV 2023**		
DATE & TIME	**05/07/2023 02:00 PM to 05:00 PM**	**Duration**	**3 HOURS**
SEMESTER	**5TH**	**No. of Students**	**20**
VENUE	**KUMARSHALA (Primary school), WAGHODIA**		
FACULTY COORDINATOR	**PROF. RINA CHOKSHI & ASST. PROF.PRIYANKA MEHTA**		

OBJECTIVE:

- To raise awareness about the importance of trees for the environment and human well-being.
- To promote active participation in environmental conservation and restoration efforts.
- To foster a sense of responsibility and stewardship towards nature among the students.

EVENT DETAILS:

The programme commenced at 9:00 AM with a brief introduction by Prof. Rina Chokshi, who highlighted the significance of Van Mahotsav and the role of tree plantation in mitigating climate change and conserving biodiversity under Indian water works students chapter. Priyanka Mehta then addressed the gathering, emphasizing the importance of collective actionin protecting our natural resources.

The participants, consisting of Parul University students and Kumar Primary School students, were divided into groups. Each group was assigned a designated area within the school premises for planting saplings. The tree species selected for planting included Neem, Banyan, Peepal, and Gulmohar, as they are indigenous to the region and have high ecological value.

Under the guidance of the coordinators and school staff, the students were instructed on the proper techniques for planting and nurturing the saplings. They were educated about the optimal planting depth, watering requirements, and the need for periodic care to ensure the healthy growth of the trees. This hands-on experience allowed the students to actively contribute to the greening of their surroundings.

The event witnessed enthusiastic participation from all attendees, who worked together diligently to plant a total of 100 saplings during the program. The students displayed great enthusiasm and dedication, showcasing their commitment to environmental conservation.

OUTCOMES:

The tree plantation program organized as part of the Van Mahotsav 2023 celebrations at Kumar Primary School, Waghodia, was a resounding success. The collaborative efforts of the Parul University students, KumarPrimary School students, and the coordinators from Parul Institute of Engineering and Technology ensured the smooth execution of the event. By instilling the importance of tree plantation and environmental stewardship, the program contributed to nurturing a generation of environmentally conscious individuals.

The planted saplings will not only beautify the school premises but also contribute to the overall environmental well-being of the area. They will help in purifying the air, conserving soil, and water, and providing habitat for wildlife.

The success of this tree plantation program serves as a testament to the power of collective action and the positive impact that individuals can make on the environment. It is hoped that such initiatives will continue tobe organized in the future to further enhance environmental awareness and contribute to a sustainable future.

Glimpses of activity:



Tree plantation by students



Tree plantation by students & students



Tree plantation by students & students

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ATTENDANCE LIST FOR TREEPLANTATION 2023-24

SR. NO	ENROLLMENT NO.	NAME	PROGRAMME	INSTITUTE	SIGN
1.	210303104038	ANIL KUMAR PATEL	B.TECH-CV	PIET	
2.	210303104040	NIKHIL SHUKLA	B.TECH-CV	PIET	
3.	210303104041	SINROJA KUSH DIPESH	B.TECH-CV	PIET	
4.	210303104042	RAVIRAJ SINGH SISODIA	B.TECH-CV	PIET	
5.	210303104043	SHRIRANG VAISHNAVA	B.TECH-CV	PIET	
6.	210303104044	CHINTHALAIAHGARI YOGESWAR	B.TECH-CV	PIET	
7.	210303104045	KETHA UDAY TEJA	B.TECH-CV	PIET	
8.	210303104046	KONARI NARESH KUMAR	B.TECH-CV	PIET	
9.	210303104047	PREETYLY LEISHANGTHEM	B.TECH-CV	PIET	
10.	210303104049	THAKUR VARUN SINGH	B.TECH-CV	PIET	
11.	210303104051	BIGBRAIN HAMUNGOMO	B.TECH-CV	PIET	
12.	210303104052	WITNESS ALLY KIBAO	B.TECH-CV	PIET	
13.	210303104053	MATTAR ABEID SULEIMAN	B.TECH-CV	PIET	
14.	210303104054	NATASHA CHAPOTA MULENGA	B.TECH-CV	PIET	
15.	210303104055	NASRA MAHMOUD KABEYA	B.TECH-CV	PIET	
16.	210303104056	RUKMAN ARYAL	B.TECH-CV	PIET	
17.	210303104057	KRISHNA KUMAR CHAUDHARY	B.TECH-CV	PIET	
18.	210303104058	MADAN CHAUDHARY	B.TECH-CV	PIET	
19.	210303104059	SANDIP CHAUDHARY	B.TECH-CV	PIET	
20.	210303104060	ARJUN KUMAR GUPTA	B.TECH-CV	PIET	

Name & Signature of coordinator:
Asst.Prof. Priyanka Mehta

Signature &
stamp of Head of the department:
Prof.Rina Chokshi

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"Empowering Democracy: UBA's Vibrant Voting Campaign at Sangadol Village"

DEPARTMENT	**APPLIED SCIENCE AND HUMANITIES DEPARTMENT, MECHANICAL ENGINEERING DEPARTMENT**		
ACTIVITY TYPE	**Skill Development Programme**		
ACTIVITY TITLE	**Empowering Democracy: UBA's Vibrant Voting Campaign at Sangadol Village**		
DATE & TIME	**04/05/2024 10.30 AM to 01: 30 PM**	**Duration**	**1 Day**
SEMESTER	**4**	**No. of Students**	**32** + 03 Faculty
EXPERT NAME WITH DESIGNATION	**NA**		
NAME OF EXPERT'S ORGANIZATION	**NA**		
EXPERT CONTACT DETAILS	**NA**		
FACULTY COORDINATOR	**Mr. Manoj Nehe , Mr. Sandeep Wankhade, Dr. Monika Naik**		
FACULTY CONTACT DETAILS	**9173932928, 9016509921, 9712935143**		
SPONSORING AUTHORITY **-NA-**	**Sponsorship amount:**		**-NA-**

Objective:

The primary objective of the voting campaign conducted by Unnat Bharat Abhiyan (UBA) volunteers at Sangadol Village on 04 May 2024 was to raise awareness and promote active participation in the democratic process among the community members. The campaign aimed to achieve the following objectives:

1. **Educational Outreach:** To educate the villagers about the significance of voting and the role it plays in shaping the nation's governance and future.
2. **Empowerment through Information:** To empower the community members with knowledge about the electoral process, including the operation of electronic voting machines (EVMs), election phases, and voting procedures.
3. **Promotion of Civic Engagement:** To encourage active participation and engagement in the upcoming general elections by fostering a sense of civic responsibility and democratic participation among the villagers.
4. **Alleviation of Concerns:** To address any doubts, concerns, or misconceptions that the villagers may have had regarding the electoral process, particularly related to the use of technology such as EVMs.
5. **Distribution of Informational Resources:** To provide the community members with informational materials and resources that serve as references for understanding the electoral process and making informed decisions during the elections.

6. **Community Empowerment:** To empower the villagers with the knowledge and understanding necessary to make informed choices during the elections, thereby promoting a culture of active citizenship and democratic participation.
7. **Strengthening Democracy:** To contribute to the advancement of democracy in India by promoting voter awareness, education, and engagement at the grassroots level, ultimately ensuring a fair, transparent, and inclusive electoral process.

Activity Details:

1. **Engagement with the Community:** The volunteers commenced their day with a warm reception from the villagers, whose enthusiasm and hospitality set the tone for the day ahead. Recognizing the importance of building rapport and establishing trust, the volunteers took the time to engage with the community members, listening to their concerns, aspirations, and suggestions. This initial interaction laid the foundation for a collaborative and participatory approach to community development.
2. **Awareness Sessions:** UBA volunteers organized interactive awareness sessions to educate the villagers about the significance of participating in the electoral process. Volunteers highlighted the importance of exercising their democratic right to vote and the role it plays in shaping the nation's future.
3. **Information on Electronic Voting Machines (EVMs):** Volunteers provided detailed information about the electronic voting machines (EVMs) used during elections. They explained the functioning of EVMs, emphasizing its reliability and simplicity. Additionally, volunteers addressed any queries or concerns raised by the villagers regarding the use of EVMs.
4. **Discussion on Election Process:** Volunteers engaged in discussions with the villagers regarding the electoral process in India. They explained the voting phases, counting procedures, and the significance of a majority government for effective governance.
5. **Distribution of Informational Materials:** To further enhance awareness, volunteers distributed informational pamphlets and leaflets outlining key election-related information. These materials served as handy references for the villagers to understand the electoral process better.
6. **Q&A Sessions:** Interactive question and answer sessions were conducted to encourage active participation from the villagers. Volunteers clarified doubts and misconceptions related to voting, ensuring that the community was well-informed and prepared for the upcoming elections.

Glimpses of activity:



"UBA Volunteers with Voting Awareness information"



Prof. Sandeep Wankhade: Instructing students how to make awareness regarding voting



Voluenters explaning about EVM Machine



"Prof. Manoj Nehe at Sangadol village with UBA volunteers"

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ATTENDANCE LIST OF SOCIAL ACTIVITY

"VOTER AWARENESS CAMPAIGN" AT BANGADOL Date 04/05/2024

SR. NO	ENROLLMENT NO.	NAME	PROGRAMME	INSTITUTE	SIGN
1	230303109705[illegible]	Solanki Anurag. M	Mech	PIET	
2	230303109701[illegible]	Jaikaran Gupta.	Mech	PIET	
3	230303[illegible]11	Chirodeep Pandey	Mech	PIET	
4	230303109703[illegible]	Patel Kunj	mech	PIET	
5	230303109702[illegible]	Shiv pandaya	mech	PIET	
6	230303109700[illegible]	Jaimin Bhatt[illegible]	mech	PIET	
7	230303109702[illegible]	Nayak Nirmal R.	Mech	PIET	
8	230303109706[illegible]	Aryan L. Kapadia	mech	PIET	
9	230303109700[illegible]	bhosle Jayraj	mech	PIET	
10	230303109703[illegible]	Pasi. Deep. R	Mech	PIET	
11	230303109704[illegible]	Prajapati Daksh. S.	MECH	P.I.ET	
12	230303109704[illegible]	Parthiv Patel	MECH	PIET	
13	230303109708[illegible]	Ajay Parmar	mech	PIET	
14	230303109706[illegible]	Sivayam bhuvaneshwari	mech	PIET	
15	230303109704[illegible]	Shreyas Patel	mech	PIET	
16	230303109700[illegible]	A S. Mohamad Bazi	Mech	PIET	Md Bazi
17	230303109701[illegible]	G. Raghavendra	Mech	PIET	
18	230303109702[illegible]	Neelam Abhi	Mech	PIET	
19	230303109706[illegible]	Bhuyani Darshan	Mech	PIET	
20	230303109706[illegible]	Vadodra Darshan	Mech	PIET	
21	230303109703[illegible]	Dharmik Patel	Mech	PIET	
22	230303109703[illegible]	Manik a Nihamy	Mechan	PIET	
23	230303109709[illegible]	Nisarg Patel	Mech	PIET	Nisarg.
24	230303109702[illegible]	OM Mistry	Mech	PIET	
25	230303109704[illegible]	Vivek Padiyaputi	Mech	PIET	
26	230303109710[illegible]	Pathan N.Shesh	Mech	PIET	
27	230303109709[illegible]	Rohit Kumar Verma	Mech	PIET	
28	230303109705[illegible]	Devanshu Thakker	Mech	PIET	
29	230303109705[illegible]	Yash Sanghvi	Mech	PIET	
30	230303109707[illegible]	Darshit Bhadarka	mech	PIET	
31	230303109707[illegible]	Jay. H. Patel	mech	PIET	
32	230303109705[illegible]	B.Tarun Manikanta Sai	Mech	PIET	
33					
34					

Outcome:

The UBA volunteers' activity in Sangadol Village on 04 May 2024 exemplifies the organization's unwavering commitment to grassroots development and community empowerment. Through a multifaceted approach encompassing awareness sessions, skill development workshops, health campaigns, and education initiatives, the volunteers endeavored to address the diverse needs of the villagers while promoting sustainable and inclusive development.By fostering collaboration, sharing knowledge, and empowering individuals, the UBA volunteers have laid the groundwork for positive change and transformation in Sangadol Village. Their efforts serve as a testament to the power of community-driven development and the potential for collective action to create lasting impact in rural communities.



Mr. Manoj Nehe	**Mr. Sandeep Wankhade**	**Dr. Monika Naik**
Assistant Professor	Assistant Professor	Assistant Professor
Mechanical Department	ASH Department	ASH Department
CSR Coordinator	**CSR Coordinator**	**CSR Coordinator**

Activity Report

DEPARTMENT	**ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT**		
ACTIVITY TYPE	**Village visit/Field visit**		
ACTIVITY TITLE	**UNNAT BHARAT ABHIYAN**		
DATE& TIME	**27/06/2023 10.30 AM to 12: 45 PM**	**Duration**	**4 to5 hours**
SEMESTER	**3,5**	**No. of Students**	**42**
FACULTY COORDINATOR	**Mrs. Shailbala Upadhyay**		
FACULTY COORDINATOR	**Mr.Tosif Sir**		
FACULTY CONTACT DETAILS	**8077758280/9033823331**		

Objective:

Activity Details:

There was a Field visit on "**UNNAT BHARAT ABHIYAN**" on 27th June, 2023 atVasvel village near Waghodia district. Around 60 students of Electronics and Communication Engineering Department were going the visit Thereby, we encouraged the students of respective of school to keep cleanliness and maintain a healthyand immune life. We had provided the sketches and drawings for the same and also let children draw about their clean environment. The students were very excited about the presentation and we has also conducted some of the activities on the same basis. Children at village areas should also have the knowledge about the things and resources they are consuming as nowadays due to immense pollution and deforestation the agriculture and ecosystem is highly affected and the people are becoming weaker at immunity, so as to encourage and motivate the youth we also carried out a rally which was contributed by the students of Electronics and communication batch Parul University. Also with, some of the activities were conducted by our respective teachers and also batch mates that were enjoyed by the children. Although today's generation are modern equipped with all kinds of facilities but to make the plinth of future even better we have to motivate and hence encourage our youth for this beneficiary act by conducting such virtuous and righteous visits in nearby future. This has also encouraged their respective teachers and hence also uplifted the moral support for the same. Children really enjoyed the visit and also they must have found this helpful and hence we are pleasured for the same.

Glimpses of activity:



Preparation for rally



Drawing Activity at primary

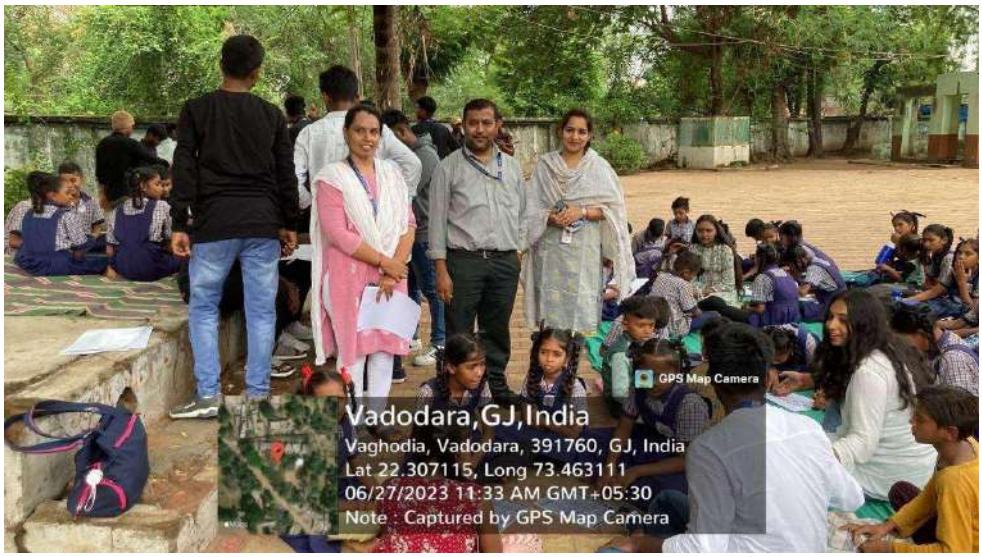




Awareness activity about swatch Bharat



Relly in village



Preparation for Drawing activity

Outcome:

There was a very positive response from students as well as faculties who participated enthusiastically in the visit **Unnat Bharat Abhiyan**. More interesting activities in future have been planned.

Attendance - 3rd Sem
Field Visit, Village- Vasvel 27/6/23

Sr No.	Enrollment No	Students Name	Sign
1	2203031070001	SUMIT YADAV	
2	2203031070002	ANKIT RAI	
3	2203031070003	PANDIT KARAN PUSHPKANT	
4	2203031070004	KANAN SONI	
5	2203031070005	BANDIKANTI UDAY KIRAN	
6	2203031070006	BOKKA MAHESH BABU	
7	2203031070007	CHINTHAGUNTLA VENKATA SRIKANTH	
8	2203031070008	KODAVATHU VARAPRASAD NAIK	
9	2203031070009	AKHIL KUSHWAHA	
10	2203031070010	KATSO MAFULE	
11	2203031070011	SHREY BHATNAGAR	
12	2203031070012	SHREYA THAKUR	
13	2203031070013	ALLAN NORDIN MUSSA OSSUFO	
14	2203031070014	BAGURUBILLI GOWTHAM	
15	2203031070015	BOKKA HEMANTH	
16	2203031070016	CHINNAPUREDDY SIVA SANKAR REDDY	
17	2203031070018	DUDEKULA RAHIMAN	
18	2203031070019	EPIPHANIA CHIPUNZA	AB
19	2203031070020	FAROUQ ALLY BAKARI	AB
20	2203031070021	KASARE GAUTAMI JAYANT	AB
21	2203031070022	KUMARI NEETU SINGH	
22	2203031070023	MALLIVARI SAI SAGAR	
23	2203031070024	MEDARAMITTA SRINANDHAN	
24	2203031070025	NAMBURI SIVA SAI PRASAD	
25	2203031070026	SUSAN ANOCAS DE AZEVEDO NHANTUMBO	
26	2203031070027	BOYA VEERESH	
27	2203031070028	BODDU KARTHIK	AB
28	2203031070029	KASIBOINA CHARAN	
29	2203031070030	SIVARLA YASWANTH	AB
30	2203031070031	SONWANE NIKHIL KAMLAKAR	
31	2203031070032	SURVE ESHA BHIKUBHAI	
32	2203031070033	ZENIL HARESHKUMAR JOSHI	
33	2203031070034	MAMTA NAGESHWAR RAO DAGUPATTI	AB
34	2203031070035	JAMPULA SANTOSH KUMAR	
35	2203031079002	VISHNU JANGIR	

PARULINSTITUTEOF ENGINEERING &TECHNOLOGY
FACULTY OF ENGINEERING & TECHNOLOGY
PARULUNIVERSITY

Attendance - 5th Sem

Field Visit, Village- Vasvel 27/6/23

Sr No.	Enrollment No	Students Name	Sign
1	2203031077001	DEGA SHYAM KUMAR	
2	2203031077002	KARRI BHARGAV	
3	2203031077003	N.YOGESHWAR NAIDU	
4	2203031077004	PEDIREDLA JOHN VICTOR	
5	2203031077005	PENATHALA SRIHEMA	
6	2203031077006	SURAPARAJU HANSIKA	
7	2203031077007	VELAGA JASWANTH KUMAR	
8	2203031077008	YASWANTH SAI PALLISETTI	
9	2203031077009	BELLAM HEMANTH KUMAR	
10	2203031077010	PALAAKSHI NARESH	AB
11	2203031077011	TATIKONDA NAVEEN	
12	2203031077012	VELLANKI YASWANTH NADH	
13	2203031077013	MUNVAR	AB
14	2203031077014	UNDRE HARSHAD DAYANAND	
15	2203031077015	UPPALA HAVINASH	
16	2203031077016	VEMULA ANJITH KUMAR	AB

1. Tosif A. Babu
2. Shailbala Upadhyay
3. Umang Soni

Name & Signature of coordinator:

Signature & stamp of Head of department:

HEAD
ELECTRONICS & COMMUNICATION ENGG. DEPT.
PARUL INSTITUTE OF ENGG. & TECH.
P.O.-LIMDA, PIN-391760.
WAGHODIA, DIST.- VADODARA.

6

PARULINSTITUTEOF ENGINEERING &TECHNOLOGY
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Need to take feedback from students for Industrial visit

Program name: Village visit

Semester/division: 3rd and 5th

Date of visit: 27/06/2023

Name of the village: Vasvel Village

Faculty members visited: 2

Feedback from students (handwritten) (Need not be taken from all the students)

- The village visit was very socially done. We got to learn many new things about the rural side of the country. First of all, we visited the government school. - The students were so excited to be involved in various activities like drawings and paintings, even we have exhibited our talent with the kinds. The teachers over there too were very professional and were so happy to have us.
- We had a rally about the cleanliness and usage of resources also the kids of the village participated and they were very curious to know about the theme.

Signature of Students

(those who have given the feedback)

B Uday Kiran - B. Uday 220303107000 5.

Kanan Pandit - Kanan 220303107000 3.

Kanan Soni 220303107000 4.

7

Activity Report

DEPARTMENT	**MECHANICAL ENGINEERING DEPARTMENT**		
ACTIVITY TYPE	**Expert talk & Tree plantation Program**		
ACTIVITY TITLE	**Tree Plantation Program on the occasion of world environment day & Expert talk on "ISHRAE ROLES & MEMBERSHIP Benefit"**		
DATE& TIME	**5/06/2023 10.00 AM to 1:30 PM**	**Duration**	**1 Day**
SEMESTER	**5**	**No. of Students**	**36**
EXPERT NAME WITH DESIGNATION	**Mr. Himanshu Shah**		
NAME OF EXPERT'S ORGANIZATION	**President ISHRAE Vadodara Chapter**		
EXPERT CONTACT DETAILS	**9824057498**		
FACULTY COORDINATOR	**Ms. Swati Prajapati**		
FACULTY CONTACT DETAILS	**9909012774**		

Objective:

Acknowledge the injustices have inflicted upon our environment. The alarm bells of our planet are ringing, urging to awaken and take immediate action. By joining forces and taking small steps, a million people can make a significant impact and save our world. we actively combat climate change and create a healthier environment for all. Erosion control and soil preservation.

Activity Details:

To commemorate World Environment Day on June 5th, 2023, ISHRAE Vadodara Chapter, in collaboration with Parul University WOMEN DEVELOPMENT CELL is hosting a series of events aimed at promoting environmental consciousness. These include a tree Plantation with Environmental Screening under IVC Women Wing and Expert session of roles & Benefits of ISHRAE by,"Mr. Himanshu shah , President ISHRAE Vadodara Chapter at 10 am to 1:30 PM, Seminar Hall, Parul Institute of Engineering & Technology.

Glimpses of activity:



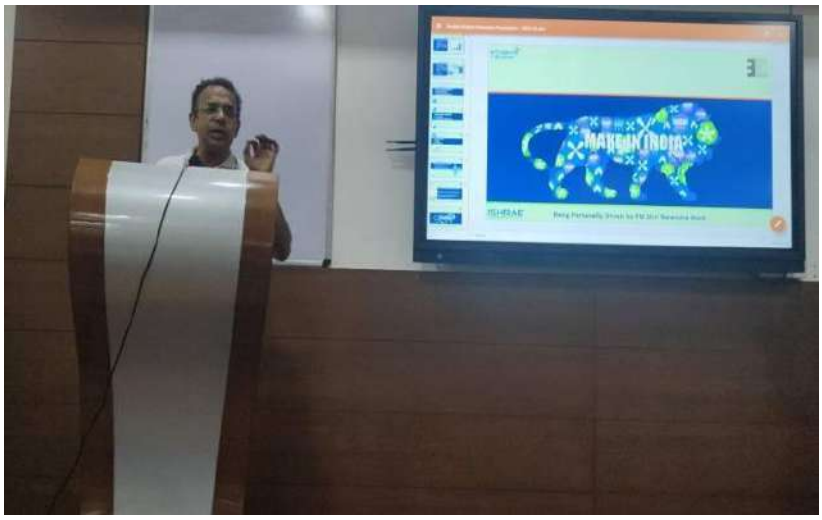
Students are attending the session on Role & Benefits of ISHRAE as a Professional body.



Glimpses of Tree Plantations



Group Photo of Tree Plantation Collaboration with ISHRAE Student chapter along with Parul University Women Development cell.



Mr. Himanshu Shah, President ISHRAE Student chapter was explaining the Role & Benefits of ISHRAE as a Professional body.

Outcome:

There was a very positive response from students as well as faculties who participated enthusiastically in **Tree Plantation Program on the occasion of world environment day & Expert talk on "ISHRAE ROLES & MEMBERSHIP Benefit"**. More interesting activities in future have been planned.

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ATTENDANCE LIST Date : 5/6/2023

SR. NO	ENROLLMENT NO.	NAME	PROGRAMME	INSTITUTE	SIGN
1	210303109008	Bhavyal. L. Popat	B.TECH-ME	PIET	
2	210303109003	Ravi Rathwa	B.TECH-ME	PIET	
3	210303109002	Hasika Prajapati	B.TECH-ME	PIET	
4	210303109011	Gouraw Balwan	B.TECH-ME	PIET	
5	210303109016	Jay Parekh	B.TECH-ME	PIET	
6	210303109020	Pathan moin khan I.	B.TECH-ME	PIET	
7	210303109014	AHMED MOLVI	B.TECH-ME	PIET	MOLVI A.S.
8	210303109007	Padhiyar Subhash	B.TECH-ME	PIET	P.S.P.
9	210303109001	Panchal Jeet M.	B.TECH-ME	PIET	
10	210303109019	Shivam N Parmar	B.TECH-ME	PIET	
11	210303109009	Parth. Ramaliya	B.TECH-ME	PIET	
12	210303109004	Krupal Limbani	B.TECH-ME	PIET	
13	210303109017	JAYESH PARMAR	B.TECH-ME	PIET	
14	210303109005	Mahajan Yogeshwar	B.TECH-ME	PIET	
15	210303109010	Shahijahan Ansari	B.TECH-ME	PIET	
16	210303109015	HITESH PANCHAL	B.TECH-ME	PIET	
17	220303109059	Patel Dharm.	B.TECH-ME	PIET	
18	220303109044	Shahmali Nimavy	B.TECH-ME	PIET	
19	220303109083	Madhavik Solanki	B.TECH-ME	PIET	
20	220303109077	Jay Parmar	B.TECH-ME	PIET	
21	220303109075	Panchal Jay	B.TECH-ME	PIET	
22	220303109069	Mihir agravat	B.TECH-ME	PIET	
23	220303109026	Modi Utsav J.	B.TECH-ME	PIET	
24	220303109039	Parmar Jignesh M.	B.TECH-ME	PIET	
25	220303109009	Chando Raghav P.	B.TECH-ME	PIET	
26	220303109083	Rana Meet S.	B.TECH-ME	PIET	
27	220303109011	Parmar Pritesh	B.TECH-ME	PIET	
28	220303109017	Baniya Aaymish	B.TECH-ME	PIET	
29	220303109005	Sachchade Sucharshu K	B.TECH-ME	PIET	
30	210303109065	Priyanshu Singh	B.TECH-ME	PIET	
31	210303109066	Chandan Suthar	B.TECH-ME	PIET	
32	210303109069	Yash Vaidhya	B.TECH-ME	PIET	
33	210303109071	Irshad	B.TECH-ME	PIET	
34	210303109067	Aniket	B.TECH-ME	PIET	
35	210303109060	Pradeep Prakash	B.TECH-ME	PIET	
36	210303109067	Aniket Vaidya	B.Tech ME	PIET	

Name & Signature of coordinator:

Signature & stamp of Head of department

Head
Mechanical Engineering Department
Parul Institute of Engineering & Technology
Limda, Ta. Waghodia, Dist. Vadodara.

Parul Institute of Law
in Collaboration with
Department SRC Cell
&
Life with Wildlife Foundation

organises

Cleanliness Drive

on the occasion of

World Environment Day

June 05, 2023, Tuesday

Cleanliness Drive on the occasion of World Environment Day At Timbi Lake, Wagodia, Vadodara, Gujarat

THEME

Background:-

The environment in which we live can be understood as a blanket that keeps life on the planet sage and sound. It plays a vital role in keeping living things healthy. It provides food, shelter, air, and fulfils all the human needs. Likewise, it maintains the ecological balance on earth. The whole life support of humans depends solely on environmental factors. Without environment we cannot imagine life on this planet. We at Parul Institute of Law on this day have organised cleanliness Drive on the occasion of World Environment Day At Timbi Lake, Wagodia , Vadodara, Gujarat.

Total Number of Student attended- 35

Names of the Faculty member-

1- Dr Namita Vyas Joshi, Dean, Faculty of Law
2- Prof (Dr) Debarti Halder
3- Dr Ruchi Tiwari
4- Ms Tanu Bhardwaj
5- Ms Divya Verma
6- Ms Aishvi Shah
7- Dr Subair Kalatil
8- Mr Pritesh Panchal

Photographs of the Event







Parul Institute of Law
Faculty of Law, Parul University, Vadodara.

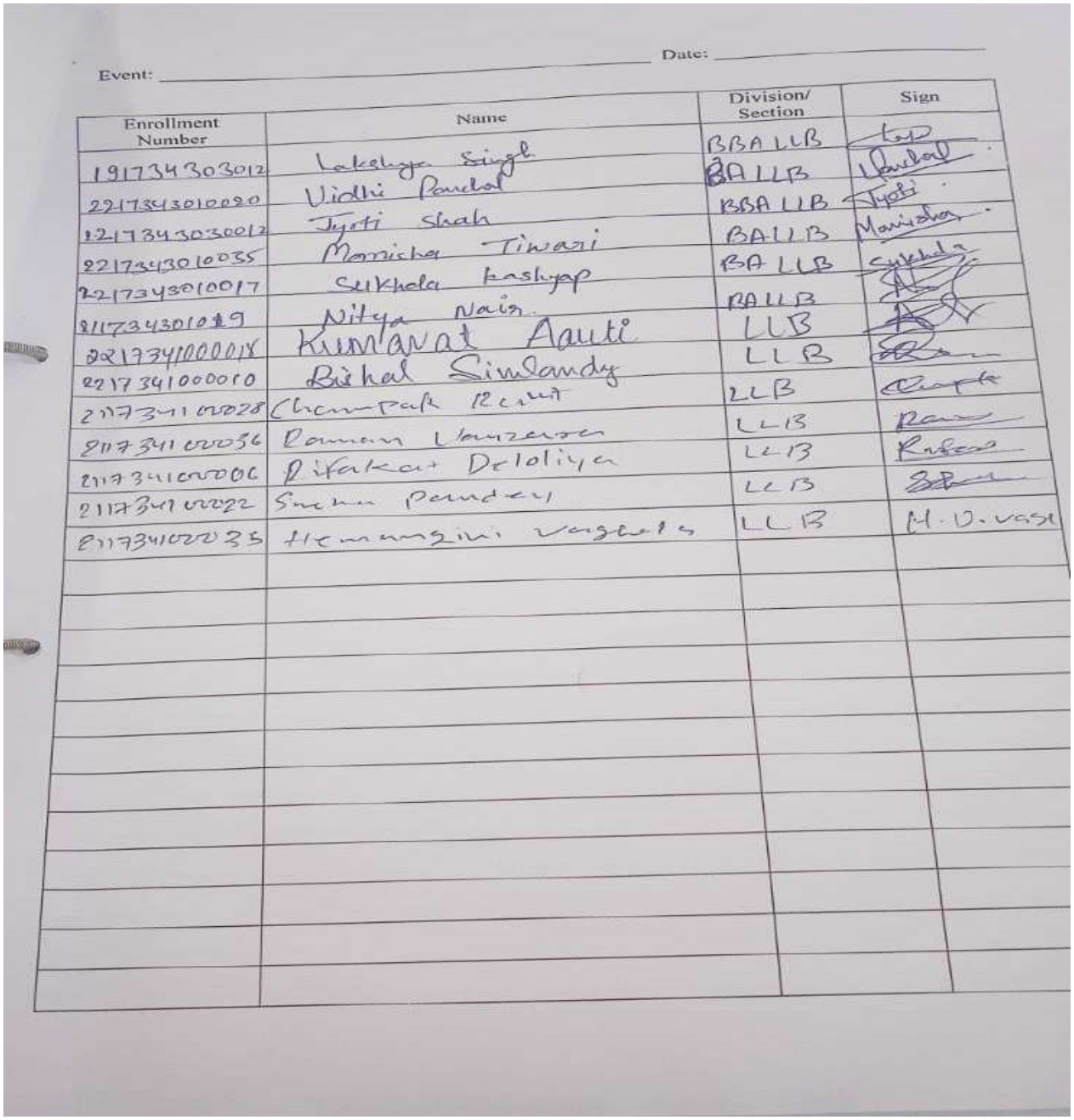
Event Attendance Sheet

Event: Cleanliness Drive at Timbi

Date: 06/06/08 Day: Tuesday Time: 07:30 AM

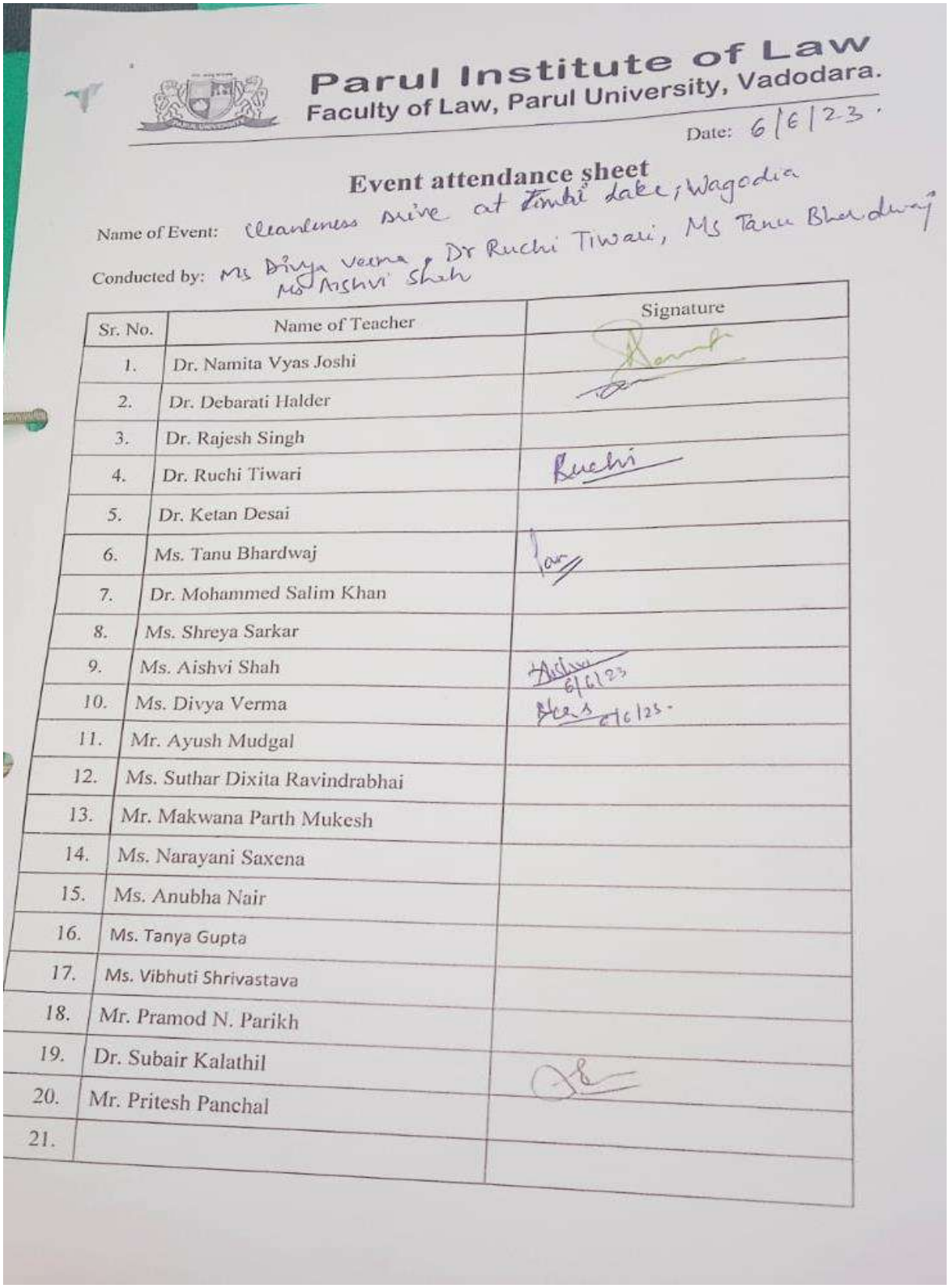
Coordinator: Ms. Divya Verma, Dr Ruchi Tiwari, Ms Tanu Bhardwaj, Ms Aishwi Shah

Enrollment Number	Name	Division/ Section	Sign
221734301003	Bhrami raj Kansara	B.A.LL.B.	
221734301034	Tanishka Khichi	B.A.LL.B.	
221734301019	Urvi joshi	B.A.LL.B.	
191734301003	Jaydeep Findoria	BA LLB	
191734303008	Priyank Parmar	B.B.A LLB	
201734361031	Ashish Kumar	BA LLB	
201734302001	G. Sri Saanya	BCom LLB	
211724302003	Hit kothari	B.Com LLB	
201734303005	Shivangi Gangwar	BBA LLB	
201734303008	Saakshi Kumar	BBA LLB	
211734301029	Yash Patel	BA.LLB	
201734302003	Mitchell S. Manyandy	BCom LLB	
201734301006	Nazim Haruna	BA LLB	
211734301019	Nitya Nair	"	
211734301054	Varsha Sukhwal	BALLB	
211734301034	Manshi Singh	"	
221734100052	Sumit Kumar	LLB (V)	
221734302013	Prashant Kumar	BA LLB	
191734302006	Keetham Prajapati	BCom LLB.	



Event: _____ Date: _____

Enrollment Number	Name	Division/ Section	Sign
191734303012	Lakshya Singh	BBA LLB	
221734301002O	Vidhi Pandal	BA LLB	
121734303001	Jyoti Shah	BBA LLB	
221734301003S	Manisha Tiwari	BA LLB	
221734301001	Sukhada Kashyap	BA LLB	
211734301019	Nitya Nair	BA LLB	
221734100001	Kumanat Aauti	LLB	
221734100001O	Bishal Simlandy	LLB	
211734100028	Champak Rana	LLB	
211734100036	Daman Lamzenen	LLB	
211734100006	Rifakat Dholiya	LLB	
211734100022	Sneha Pandey	LLB	
211734100235	Hemangini Vaghela	LLB	



Parul Institute of Law
Faculty of Law, Parul University, Vadodara.

Date: 6/6/23.

Event attendance sheet

Name of Event: Cleanliness drive at Timbi lake, Wagodia

Conducted by: Ms Divya Verma, Dr Ruchi Tiwari, Ms Tanu Bhardwaj
Ms Aishvi Shah

Sr. No.	Name of Teacher	Signature
1.	Dr. Namita Vyas Joshi	
2.	Dr. Debarati Halder	
3.	Dr. Rajesh Singh	
4.	Dr. Ruchi Tiwari	Ruchi
5.	Dr. Ketan Desai	
6.	Ms. Tanu Bhardwaj	
7.	Dr. Mohammed Salim Khan	
8.	Ms. Shreya Sarkar	
9.	Ms. Aishvi Shah	6/6/23
10.	Ms. Divya Verma	6/6/23.
11.	Mr. Ayush Mudgal	
12.	Ms. Suthar Dixita Ravindrabhai	
13.	Mr. Makwana Parth Mukesh	
14.	Ms. Narayani Saxena	
15.	Ms. Anubha Nair	
16.	Ms. Tanya Gupta	
17.	Ms. Vibhuti Shrivastava	
18.	Mr. Pramod N. Parikh	
19.	Dr. Subair Kalathil	
20.	Mr. Pritesh Panchal	
21.		

Coordinators
Department SRC CELL
Dr Ruchi Tiwari
Ms Tanu Bhardwaj
Parul Institute of Law
Ms Divya Verma
Ms Aishvi Shah

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National Service Scheme of
Parul Institute of Ayurved and Research Organising

Swachhata Abhiyan

on the Occasion of

World Environment Day

5th June, 2023

10:00 A.M. to 12:00 P.M.

Ishwarapura Village, Vadodara

Activity Report

DEPARTMENT	**NSS**		
ACTIVITY TYPE	**Swacchhata Abhiyan**		
ACTIVITY TITLE	**Swacchhata Abhiyan**		
DATE & TIME	**05/06/2023**	**Duration**	**1 Day**
FACULTY COORDINATOR	**Mr. Tejaskumar Vyas**		
FACULTY CONTACT DETAILS	**7405394464**		

Objective:

- To educate people about the cleanliness.
- To create awareness about the importance of cleanliness to the students.

Activity Details:

On the occasion of World Environment Day, The NSS unit of Parul Institute of Ayurved & Research has conducted Swachhata Abhiyan in Ishwarpura Village, Ta. Waghodia, Dist. Vadodara, Gujarat on 05/06/2023. Event was started at 10.00 am. Students have cleaned the whole village and gave awareness about cleanliness to the villagers. Total 100 students were present. We, the NSS team are highly thankful to our dear Principal Dr. B.G. Kulkarni sir for his motivation and guidance for the program. We also acknowledge the valuable support given by the faculties for our program.

Outcome: The efforts of Swacchata Abhiyan were appreciated and welcomed well by the Ishwarpura village folks.

Geo tagged photos with caption:



Swachhata Abhiyan at Ishwarpura.



Students doing Swacchhata.

Report by

Mr.Tejas Vyas
Asst.Professor,
Dept. of Samhita siddhant
Parul Institute of Ayurved and Research

PARUL UNIVERSITY

PARUL INSTITUTE OF AYURVED & RESEARCH

Ishwarpura, Limda P.O, Waghodia, Vadodara, Gujarat - 391760

ATTENDANCE SHEET

Date: - 05.06.2023 SWACCHHATA ABHIYAN

The following Faculties & Students participated in the program.

Sr. No.	Enrollment Nos.	Name	Signature
1.	2202431020001	AGHAV SNEHA HEMRAJ	
2.	2202431020002	AGRAWAL VIDHI SURESHBHAI	
3.	2202431020003	ANSARI UZAIR AHMEDHUSAIN	
4.	2202431020004	AVNI RAJENDRASINH CHAVDA	
5.	2202431020005	BACHANI MOHIT NARESHKUMAR	
6.	2202431020006	BACHHAV VAIBHAV SAMBHAJI	
7.	2202431020007	BAGUL ABHIJIT BANSILAL	
8.	2202431020008	BAMAN DRASHTIBEN SUNILBHAI	
9.	2202431020009	BARIA JAYRAJ DOLATSINH	
10.	2202431020010	BEHERE SANDEEP GOVINDRAO	
11.	2202431020011	BHARPODA AKASHKUMAR DINESHBHAI	
12.	2202431020012	BHETOR SHRAVANBHAI RADMALBHAI	
13.	2202431020013	BHOIR DIYA ROHIDAS	
14.	2202431020014	BHOSALE KAUSTUBH PRAKASH	
15.	2202431020015	BUKELIYA RIYA ASHOKBHAI	
16.	2202431020016	CHANDARANA DHRUVI PRAFULBHAI	
17.	2202431020017	CHAUDHARI HANSINI NEETIN	
18.	2202431020018	CHAUDHARI HARDIK KRISHNA	
19.	2202431020019	CHAUDHARI PRATIK AMBALAL	
20.	2202431020020	CHAUDHARI TULSI DIPAK	
21.	2202431020021	CHHOTALA PANKAJ DHIRUBHAI	

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22.	2202431020022	DAMOR DIVYABEN MOHANBHAI	
23.	2202431020023	DESAI MAHI MANOJKUMAR	
24.	2202431020024	DESAI NAMRATABEN SANJAYBHAI	
25.	2202431020025	DEVDA YASHRAJSINGH BHARATSINGH	
26.	2202431020026	DHATRAK SUJAL AJAY	
27.	2202431020027	DHINGA AKSHATKUMAR KARANSINH	
28.	2202431020028	DHOLIYA NAITIKKUMAR RAMESHBHAI	
29.	2202431020029	DIVYA BHATTJI	
30.	2202431020030	DODIYA DHRUVA MAHENDRA	
31.	2202431020031	DUDHAT AKSH PRAVINBHAI	
32.	2202431020032	GHETIYA DHRUV KETANBHAI	
33.	2202431020033	GIRI KHUSHBOO HARISH	
34.	2202431020034	GONDALIYA DHRUVISHA LALITBHAI	
35.	2202431020035	JAMOD DARSHANABEN ARVINDBHAI	D. A. Jamod
36.	2202431020036	JAWRAWALA UZMA JILANIBHAI	
37.	2202431020037	JIGARBHAI RATHWA	
38.	2202431020038	JOSHI DAKSHKUMAR JITENDRAKUMAR	D J Joshi
39.	2202431020039	KANSARA ANKIT JAGDISHBHAI	A. J. Kansara
40.	2202431020040	KAWALE RIYA MADAN	
41.	2202431020041	KHARWAR DRISTY SANJAY	
42.	2202431020042	KHINCHI JAYNEEL OMPRAKASH	
43.	2202431020043	KUDU VAISHNAVI UMESH	
44.	2202431020044	KUMBHANI BHARGAVI HARSUKHBHAI	
45.	2202431020045	LABANA AYUSH RAMESHBHAI	
46.	2202431020046	MACHHI VISHALKUMAR SURESHBHAI	
47.	2202431020047	MAHLA KHUSHBU RAJENDRA	
48.	2202431020048	MAKANI DHYANI BHARAT	

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49.	2202431020049	MAKWANA PRAFULBHAI BHUPATBHAI	
50.	2202431020050	MAKWANA URVASHI VIJAYBHAI	
51.	2202431020051	MANSURI FARHAN GANIMOHMAD	
52.	2202431020052	MHATRE ARCHI AMOL	
53.	2202431020053	MODH NISARG KAMLESHKUMAR	
54.	2202431020054	MODI JAYMIN BHAVESHKUMAR	
55.	2202431020055	MOGAL MOHAMMAD ZAKVAN	
56.	2202431020056	MOMIN TAHERALI NURMAHAMMAD	
57.	2202431020057	PANCHAL SHRUTI NAINESHKUMAR	
58.	2202431020058	PARMAR CHERRY MAHENDRAKUMAR	
59.	2202431020059	PARMAR KHUSHI NARENDRABHAI	
60.	2202431020060	PARMAR PRACHI GULABSINH	
61.	2202431020061	PARMAR TANVI LALITKUAMR	Tanvi
62.	2202431020062	PARMAR VIKRAMBHAI RAMESHBHAI	
63.	2202431020063	PARMAR YAKSH DINESHBHAI	
64.	2202431020064	PATEL DHRUV RAMJIBHAI	
65.	2202431020065	PATEL HARSHALI NABHUBHAI	HNatel
66.	2202431020066	PATEL HONEY HASMUKHBHAI	
67.	2202431020067	PATEL MEETKUMAR CHETANBHAI	
68.	2202431020068	PATEL PARINA KETANKUMAR	
69.	2202431020069	PATEL TIRTH KANAIYALAL	
70.	2202431020070	PATEL VISHVA BIPINBHAI	
71.	2202431020071	PATEL ZEELKUMARI JAYANTILAL	
72.	2202431020072	PATIL DHIRAJ SUDAM	
73.	2202431020073	PATIL GAURAV ISHWER	
74.	2202431020074	PATIL ISHANT RAJENDRA	
75.	2202431020075	PRAJAPATI HEMANTKUMAR KAMLESHKUMAR	
76.	2202431020076	PRAJAPATI VAIDEHEEBEN	



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		HARESHKUMAR	
77.	2202431020077	RAMANI SHREYA SURESHBHAI	
78.	2202431020078	RANA PRACHI DILIPKUMAR	
79.	2202431020079	RATHWA SHREYABEN GORDHANBHAI	
80.	2202431020080	SAGAR AENA MAHESHBHAI	
81.	2202431020081	SHAH BHAGYAKUMAR VIJAYBHAI	
82.	2202431020082	SHAIKH AAISHA WASIM	
83.	2202431020083	SHUKLA SANSKRUTI PANDURANG	
84.	2202431020084	SINDHA VIDHIBEN SHANTILAL	
85.	2202431020085	SNEHA MUKESHBHAI SHILU	
86.	2202431020086	SNEHA SANJAYBHAI THUMAR	
87.	2202431020087	SOLIYA DRASHTI GIRISHBHAI	
88.	2202431020088	SOSA YUVRAJ BHANABHAI	
89.	2202431020089	SUHANI KHANDELWAL	
90.	2202431020090	SUMRA AYNUL IQBAL	
91.	2202431020091	SUTHAR MAHESHKUMAR KARSHANBHAI	
92.	2202431020092	SUTHAR MAITRI JAYESHKUMAR	
93.	2202431020093	TADVI KRUTI SHAILESHKUMAR	
94.	2202431020094	THAKKAR DHRUVI YOGESHBHAI	
95.	2202431020095	THAKKAR SAKSHI RAJESH	
96.	2202431020096	TIWARI ABHISHEKKUMAR PARESHKUMAR	
97.	2202431020097	VALVI VISHVAM RAJEEVBHAI	
98.	2202431020098	VARIA JAY DINESHBHAI	
99.	2202431020099	VASAVA BINITABEN KUMUDCHANDRA	
100	2202431020100	WAGH UDAY BHARAT	

Report By

Tejaskumar Vasu
Asst. Professor
Dept. of Ayurveda Samhita & Siddhanta
Parul Institute of Ayurved & Research

Outcomes and Impact

Through its comprehensive efforts, Parul University has successfully cultivated a culture of water responsibility among students and staff. The wastewater treatment systems (3.5 MLD Sewage Treatment Plant -STP) have significantly reduced water wastage, while awareness programs have strengthened community participation in sustainable water management. The University's contribution to SDG 14 reflects its vision of environmental stewardship and its ongoing commitment to fostering ecological balance for a sustainable future.



3.5 MLD Sewage Treatment Plant -STP

Conclusion

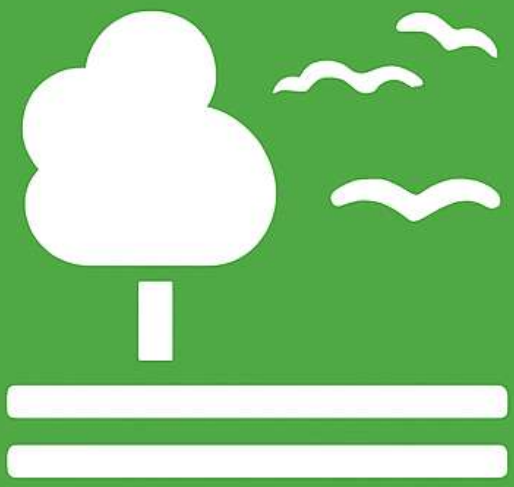
By integrating sustainable practices and promoting awareness on the importance of aquatic ecosystem preservation, Parul University continues to contribute meaningfully to SDG 14 – Life Below Water. The University remains dedicated to further strengthening its water conservation efforts, advancing research in sustainable water technologies, and encouraging students to become global ambassadors for environmental and aquatic sustainability.

Parul® University | NAAC GRADE A++



15

LIFE ON LAND





Goal 15: Life on Land

Introduction

Parul University demonstrates a profound and multi-faceted commitment to Sustainable Development Goal 15: "Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss." This commitment is realized through robust research output, academic contributions, and active participation in national sustainability missions. This report summarizes the key initiatives and achievements for the period 2023-2025.

1. Flagship Programme Engagement: Unnat Bharat Abhiyan

The university, through the Sakshamthad Foundation, is an active promoter of **Unnat Bharat Abhiyan**, a flagship program of the Government of India. This initiative is central to the university's mission, focusing on bridging the gap between rural communities and educational institutions. By fostering collaboration for sustainable development, the university directly contributes to improving life on land by addressing rural challenges related to agriculture, land use, and ecosystem management.

2. Pioneering Research and Innovation

The university's faculty and researchers have produced a significant volume of high-impact research directly aligned with SDG 15. The research portfolio can be categorized into several key areas:

- **Bioremediation and Land Restoration:**
    - **Heavy Metal Remediation:** Multiple studies focus on bioremediating soils contaminated with lead, chromium, cadmium, and other toxic metals using bacteria, biochar, and nanomaterials (e.g., *Bacterial lead vermicomposting..., Biosorption of Hexavalent Chromium..., Cadmium phytoremediation potential...*).
    - **Pollutant Breakdown:** Research explores the potential of microbial communities from unique environments like the Chumathang Hot Spring to break down toxic pollutants.
    - **Agrochemical Clean-up:** Development of inclusive eco-technologies for pesticide degradation and strategies for managing herbicide use in sustainable hemp cultivation.
- **Biodiversity and Ecosystem Conservation:**
    - **Species Conservation:** A bibliometric analysis was conducted on threat assessment and species prioritization for conservation.

    - **Forest Monitoring:** Development of IoT-based systems for forest vigilance to combat illegal logging and fire risks, protecting forest ecosystems.
    - **Wildlife Technology:** Innovative use of drones and YOLOv5 AI models for detecting Bornean Orangutan nests, aiding in population monitoring and habitat conservation.
- **Sustainable Agriculture and Soil Health:**
    - **Weed Management:** Exploration of AI (Machine Learning, CNN) and IoT for precision weed detection and robotic control, reducing herbicide reliance.
    - **Soil Enhancement:** Investigation into the use of nano-biochar and plant growth-promoting bacteria (e.g., *Curtobacterium oceanosedimentum*) to improve soil health, plant growth, and resilience in chili cultivation.
    - **Crop Resilience:** Identification of blast-resistant finger millet genotypes to secure food production and genetic diversity.
- **Waste Valorization and Circular Economy:**
    - **Agricultural Waste:** Conversion of groundnut shells into paper and rice husks into biochar for carbon sequestration.
    - **Industrial Waste:** Utilization of coal fly ash to synthesize silica nanoparticles and integration of iron waste into sustainable concrete, reducing landfill pressure and land degradation.

3. Academic Contributions and Knowledge Dissemination
The university's expertise is disseminated globally through a wide array of prestigious publications and academic works, underscoring its role as a thought leader in sustainability.

- **Key Publication Venues:** Research findings have been published in high-impact, international journals including *Scientific Reports*, *Discover Sustainability*, *Environmental Research*, and *Biodegradation*.
- **Comprehensive Reviews:** Several systematic reviews and comprehensive analyses (e.g., on forest fire consequences, fluoride contamination, fungal metabolites) provide the scientific community with critical insights into environmental challenges and solutions.
- **Book Chapters and Conferences:** Significant contributions to academic books on topics like bioremediation, genomics, and nanotechnology, alongside presentations at international conferences, ensure the widespread sharing of knowledge.

4. Technological Integration for Environmental Monitoring
A strong emphasis is placed on developing and applying cutting-edge technology to solve environmental challenges.

- **IoT & AI:** Deployment of IoT sensors and machine learning algorithms for real-time monitoring of forests, river water levels, soil erosion, and agricultural systems.
- **Remote Sensing:** Use of drones and thermal imaging for environmental analysis and wildlife conservation.
- **Data Science:** Application of TensorFlow and other data science tools for biodiversity conservation in dynamic environments.

Conclusion

Parul University has established itself as a leading institution in advancing SDG 15: Life on Land. Through a synergistic combination of **community engagement** (Unnat Bharat Abhiyan), **groundbreaking research** (bioremediation, biodiversity, sustainable agriculture), **academic leadership**, and **technological innovation**, the university is making tangible contributions to protecting, restoring, and sustainably managing terrestrial ecosystems. The extensive publication record from 2023 to 2025 is a testament to a vibrant and productive research environment dedicated to creating a more sustainable and resilient future.

SDG 15 - LIFE ON LAND

UNNAT BHARAT ABHIYAAN

Sakshamthad Foundation actively promotes the Unnat Bharat Abhiyaan, a flagship program initiated by the Ministry of Education, Government of India. We firmly believe that the Unnat Bharat Abhiyaan holds the transformative potential to uplift the lives of countless individuals throughout India, paving the way for a more just and sustainable future. This ambitious endeavour seeks to bridge the gap between rural communities and educational institutions, fostering collaboration for sustainable development.



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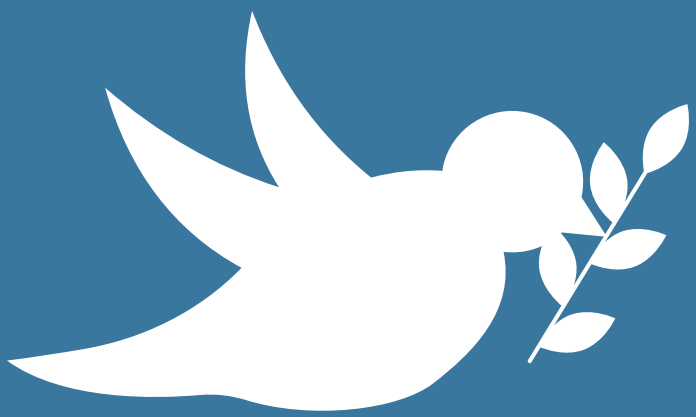
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16

PEACE JUSTICE & STRONG INSTITUTION





Goal 16: Peace, Justice, and Strong Institutions

Introduction

Parul University is deeply committed to fostering peaceful, inclusive societies and building effective, accountable, and transparent institutions at all levels, in line with Sustainable Development Goal 16. This commitment is demonstrated through direct institutional actions, collaborative training programs, and a diverse portfolio of research that addresses the core pillars of justice, human rights, governance, and ethical technological advancement.

1. Institutional Commitment and National Collaboration

The university has taken a proactive role in promoting human rights and legal awareness through high-level collaborations.

- **One-Day Training Program on Human Rights:** In a significant initiative, the **Sakshamthad Foundation** at Parul University collaborated with the **National Human Rights Commission (NHRC), New Delhi**, to conduct a transformative training program. This program was designed to deepen the understanding of human rights issues among participants and empower them to become catalysts for positive change, thereby strengthening the foundations of a just and equitable society.

2. Pioneering Research for Justice and Strong Institutions

The university's faculty and researchers contribute to the global knowledge base on SDG 16 through impactful research across multiple domains:

- **Legal Systems, Criminology, and Rehabilitation:**
    - **Criminal Justice Reform:** Research assessed self-esteem and criminal social identity in violent offenders to inform rehabilitation strategies within the Indian penal system.
    - **Victimology:** A critical analysis was conducted on the legal challenges and victimization associated with cryptocurrency in India.
    - **Crime Prediction & Analysis:** Utilization of statistical software like RStudio for crime analysis and prediction across seven Indian states, supporting data-driven law enforcement.
- **Governance, Ethics, and Policy:**
    - **Health Policy & Gender:** A document analysis of India's National Health Policy (2017) was conducted through the lens of gender and intersectionality.
    - **Ethical Frameworks in Technology:** Examination of the ethical implications of key-logger software and the legal/ethical frameworks of Assisted Reproductive Technologies.

    - **Dispute Resolution:** Exploration of the transformative impact of technology on modern dispute resolution mechanisms.

- **Transparency, Security, and Technology:**
    - **Cybersecurity & Blockchain:** Development of a "Generalized Immutable Ledger (GILED)" using blockchain technology to enhance data integrity and transparency. Research into quantum computing applications for cybersecurity was also pursued.
    - **Combatting Illicit Activities:** Development of a smart monitoring system to identify drug trafficking activities on social media platforms.
    - **Violence Detection:** A comprehensive review of techniques for violence activity detection.
- **Inclusive Community Health and Engagement:**
    - **Participatory Research:** A global study on power dynamics in participatory health research and co-production approaches.
    - **Community Health:** Research explored the correlation between environmental toxins and community health, and the association between community engagement and quality of life in severe mental disorders.
    - **Public Health Management:** Studies on leadership strategies for reducing healthcare disparities in both rural and urban areas.

3. Academic Contributions and Knowledge Dissemination

The university's expertise is shared globally through prestigious publications and academic works, establishing it as a thought leader in governance, law, and ethics.

- **Key Publication Venues:** Research is published in renowned international journals such as the *International Annals of Criminology*, *BMJ Global Health*, *Sustainability Switzerland*, and *Global Health Science and Practice*.
- **Conference Proceedings:** Findings are presented at international conferences, including the International Conference on Sustainable Expert Systems (ICSES) and conferences on innovative mechanisms for industry applications.
- **Book Chapters:** Contributions to academic books on topics like cybersecurity, service learning in healthcare design, and sustainable resource management.

SDG 16 - PEACE, JUSTICE AND STRONG INSTITUTIONS

ONE-DAY TRAINING PROGRAM ON HUMAN RIGHTS, IN COLLABORATION WITH THE NATIONAL HUMAN RIGHTS COMMISSION, NEW DELHI.

A transformative one-day training program focused on Human Rights, brought by Sakshamthad Foundation, in collaboration with the National Human Rights Commission, New Delhi. This program aims to deepen the understanding of human rights issues and empower to become a catalyst for positive change in society. Let's come together to champion human rights and create a more just and equitable world for all.





Publication Details

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Harnessing nuclear energy for India's energy security: Current status, challenges, and future opportunities

Selvam D, C., Yuvarajan, D., Kumar M, S., ...Juneja, B., Acharya, S.K.
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Embryologists' perspective on medical, legal, and ethical frameworks in assisted reproductive technologies in India: A narrative review

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Mishra, M.
Handbook on Sex Gender and Health Perspectives from South Asia, 2025

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The Transformative Impact of Technology in Shaping Modern Dispute Resolution

Alkhayer, J.Y., Kaur, G., Gupta, C.M.
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Smart Monitoring System for Identifying Drug Trafficking in Social Media

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Iet Conference Proceedings, 2025

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Reconstructing the Self: Assessing Self-Esteem and Criminal Social Identity in Violent Offenders for Rehabilitation in the Indian Penal System

Sharma, R., Halder, D., Basu, S.
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Anitha, C., Vipashi Kansal, G., Deokar, S.U., ...Ravi Kumar, V., Natrayan, L.
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Global Health Science and Practice, 2024

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Association between Community Engagement, Rehabilitation, and Quality of Life in Severe Mental Disorders | Asociación entre compromiso comunitario, rehabilitación y calidad de vida en trastornos mentales graves

Singh, D., Minhas, D., Mane, M., ...Mahapatra, A., Nashte, A.
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Qureshi, K.M.R., Mewada, B.G., Alghamdi, S.Y., ...Qureshi, M.R.N., Mansour, M.A.
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Knowledge, Attitude, and Practice of Community towards an Onchocerciasis Elimination Program from South West Ethiopia

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Journal of Tropical Medicine, 2022

Article • *Open access*

You want to deal with power while riding on power': Global perspectives on power in participatory health research and co-production approaches

Egid, B.R., Roura, M., Aktar, B., ...Zimmerman, E.B., Ozano, K.
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Parul® University

NAAC GRADE A++



17 PARTNERSHIP FOR THE GOALS

SDG 17 – Partnerships for the Goals

Introduction:

Parul University actively advances the United Nations Sustainable Development Goals through a series of strategic initiatives and collaborations. The University fosters relationships with government bodies and NGOs, encourages cross-sectoral dialogue, and engages in international data collaboration to strengthen SDG policies and best practices. Through education-driven programs, including sustainability-focused courses, community outreach, and sustainable literacy campaigns, it promotes awareness and action across diverse disciplines. Regular SDG-specific publications, research dissemination, and capacity-building workshops ensure meaningful engagement, while these integrated efforts reflect Parul University's holistic commitment to building a sustainable and inclusive future by 2026.

Relationships with Regional NGOs and Government for SDG Policy

Parul University adopts a policy-driven approach to sustainable development by establishing collaborative partnerships with regional, state, and national government departments and NGOs engaged in SDG policy formulation and implementation. In 2023, the University formalized over 50 partnerships through MoUs with organizations such as Vadodara Mahanagar Palika, Lions Club of Vishwamitri, Don Bosco Snehalaya, Udayan Care, Hospital for Mental Health Karelibaug, Rotary Club of Vadodara, NSS, NCC, and Unnat Bharat Abhiyan. These alliances address SDGs on quality education, health, gender equality, clean energy, and sustainable communities.

Glimpses of some events and activities conducted under some MOUs:





Empowering Dignified Women: Partnership with Udayan Care





Event for Tribal people in collaboration with Deputy Conservator Van Dhan Vikas Kendra.





Training and activities conducted in the Van Dhan Vikas Kendras (VDVKs)

Through its Social Responsive Cell, UBA, IIC, and IQAC, Parul University contributes research, data, and technical expertise to national frameworks like NEP-2020, NISP, and Swachh Bharat Mission. Notable engagements include participation in the National Urban Planning Conclave 2023 (MoHUD, Government of India) and collaborations with SOCLEEN on waste management and climate action policies.

Grassroots partnerships under UBA generate policy feedback through village-level development reports, while initiatives such as **Garima – Women Livelihood Program**, **HUNF – Meals on Wheels**, and **environmental awareness drives** provide actionable community models.





GARIMA – Women's Livelihood Centre





HUNF – Meals on Wheels, an Initiative of Parul University in Collaboration with Naira Hospitality





Sahiyar Gram Hatt - Empowering Women Artisans through Livelihood and Enterprise





Glimpse of Activities related to Intellectual Property Rights (IPR) & Patent and Design Filing sessions:

By integrating academic insights with governance, Parul University strengthens evidence-based policymaking and fosters inclusive, sustainable growth aligned with multiple UN SDGs.

Fostering Partnerships, Knowledge Exchange, and Global Responsibility

Parul University continues to champion the United Nations Sustainable Development Goals through active collaboration and knowledge sharing across academia, government, industry, and civil society. Emphasizing that sustainable progress requires collective effort, the University has emerged as a leading platform for multi-stakeholder dialogue and policy engagement.

In 2023, Parul University organized and participated in numerous national and international conferences, workshops, and symposiums on themes such as renewable energy, environmental sustainability, social responsibility, healthcare, ethical innovation, and smart cities. Flagship events like the Parul University International Conference on Engineering and Technology (PIET), Ayurtech, and the Summer School Program fostered cross-sectoral partnerships, research, and policy exchange. Through its Social Responsive Cell, Centres of Excellence, and academic departments, the University translates academic insights into community-driven solutions—bridging research, practice, and policy. These initiatives exemplify SDG 17 – *Partnerships for the Goals*, reinforcing Parul University's commitment to inclusive, resilient, and sustainable development.

Glimpses of some events and activities conducted Fostering Partnerships, Knowledge Exchange, and Global Responsibility:









International collaboration data gathering for SDGs:

Parul University stands as a global leader in fostering sustainability, inclusivity, and knowledge exchange through international collaboration. Recognizing that the achievement of the United Nations Sustainable Development Goals (SDGs) relies on global cooperation and data-driven innovation, the University actively participates in international partnerships for SDG-focused research and data analysis. With over 80 Memoranda of Understanding (MoUs) signed with universities across Europe, North America, and Asia—including institutions in Germany, Switzerland, Poland, and Canada—Parul University promotes joint research, academic exchanges, and data-sharing initiatives. Through programs such as Erasmus+ and collaborations with ITMO University, Wroclaw University of Science and Technology, and Humber College, students and faculty engage in sustainability projects, renewable energy modelling, and socio-economic research. These partnerships have yielded collaborative publications, SDG reports, and capacity-building workshops. By aligning its academic and research frameworks with global sustainability metrics, Parul University reinforces its contribution to SDG 4, 9, 13, and 17, driving meaningful global impact.

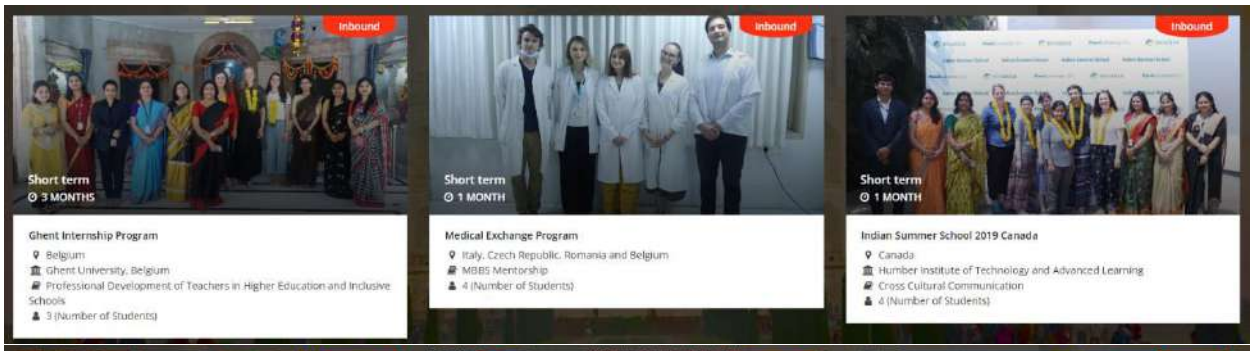
Glimpses of some International collaboration:

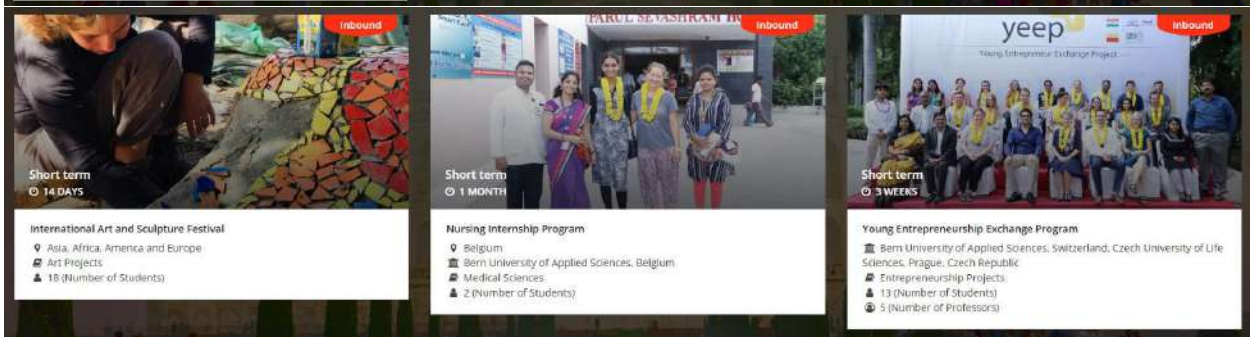




Glimpse of Inbound Exchange Programs





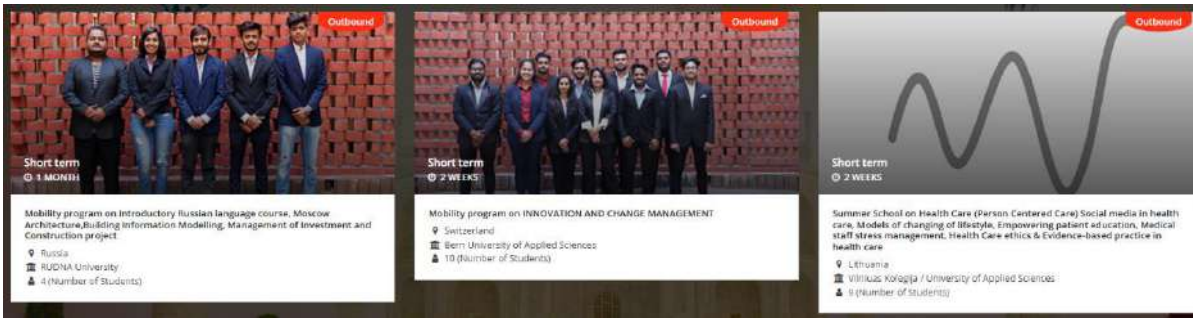


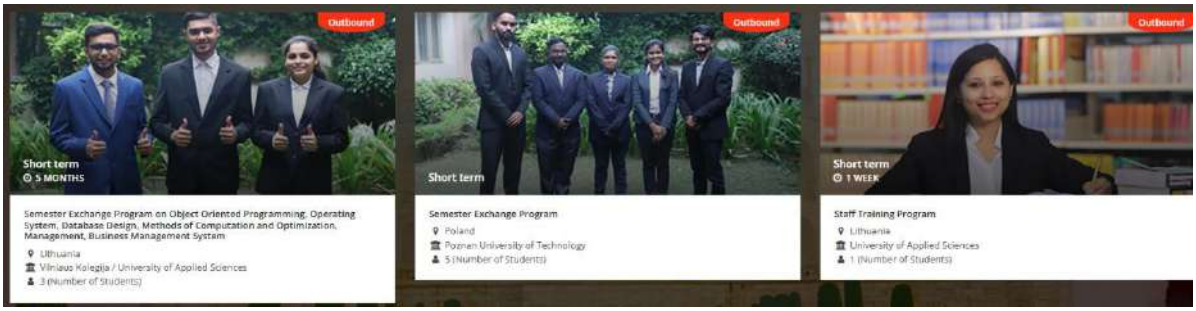


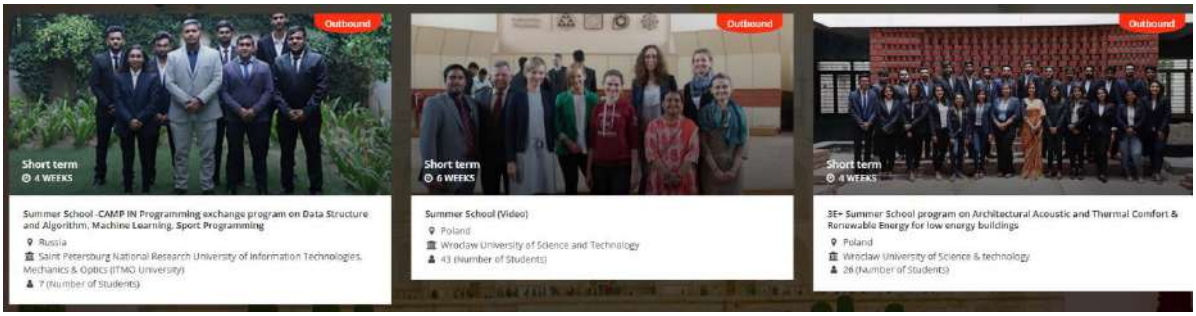


Glimpse of Outbound Exchange Programs









The **Youth Empowerment and Employability Program (YEEP)** at Parul University plays a vital role in enhancing students' professional readiness, personal growth, and leadership potential. Designed to bridge the gap between academic learning and industry expectations, YEEP focuses on developing essential 21st-century skills such as communication, critical thinking, teamwork, and problem-solving. Through structured training sessions, workshops, and interactive modules, the program empowers students to build confidence, cultivate ethical values, and adapt to global work environments.

YEEP also collaborates with corporate partners and career experts to provide employability training, mock interviews, resume building, and personality development activities. By fostering holistic development and self-awareness, the initiative contributes directly to **SDG 4 (Quality Education)** and **SDG 8 (Decent Work and Economic Growth)**. Overall, YEEP serves as a transformative platform that prepares Parul University students to become competent, socially responsible, and industry-ready professionals.




Project Topic name For YEEP 2024

Project Name : Immuniso: Personalized nutrition app for health management

Aaishee Naik | Lisa Schmidt | Mattia Talleri | Vinay Thakkar

Abstract of the Project:
Immuniso is developing a groundbreaking platform focused on providing nutrition-based solutions to patients suffering from various conditions. This innovative application aims to improve health outcomes through personalized food charts, routines, and nutritional guidelines, thereby supporting faster recovery and overall well-being. Addressing the concerning trend of rising health issues among younger individuals, the app prioritizes preventive care and proactive health management. It also tackles significant challenges in healthcare, such as language barriers that hinder effective communication between patients and providers, and the limited time doctors have for thorough root cause analyses. By ensuring language inclusivity and offering tailored nutritional plans, Immuniso's platform enhances patient care and promotes healthier living.


Project Topic name For YEEP 2024

Project Name : Cancer.cure: Holistic support for cancer survivors

Aastha Naik | Lea Allemann | Lara Matti | Parv Dubey

Abstract of the Project:
Cancer.cure is a comprehensive digital platform designed to address the multifaceted needs of cancer survivors and their families throughout the post-cancer journey. It integrates emotional support, personalized guidance, and community building to establish a holistic support system. By fostering collaboration among healthcare professionals, Cancer.cure optimizes post-cancer care coordination, while also emphasizing the celebration of positive milestones to empower survivors. Additionally, the platform provides nutritional support, recognizing the crucial role of diet in survivorship. Overall, Cancer.cure meets the diverse needs of stakeholders by offering a transformative solution that encompasses emotional, informational, and nutritional support, empowering survivors to thrive beyond cancer.


Project Topic name For YEEP 2024

Project Name : EcoPoly: Sustainable biodegradable plastics

Ishwa Patel | Denisa Basic | Karin Stucki | Sweety Jha | Aum Aswar

Abstract of the Project:
EcoPoly is dedicated to providing eco-friendly alternatives to traditional plastics, utilizing renewable resources to create biodegradable and compostable products that minimize environmental impact while maintaining quality and affordability. With a strong commitment to sustainability, we strive to inspire positive change and contribute to a cleaner, greener future. Plastic pollution poses a significant threat to ecosystems, wildlife, and human health, with overabundant plastic waste polluting oceans, waterways, and landfills. To address this pressing issue, effective solutions such as reducing single-use plastics, improving waste management, promoting sustainable alternatives, enforcing extended producer responsibility, raising public awareness, and fostering collaboration among stakeholders are essential.


Project Topic name For YEEP 2024

Project Name : Accomzy

Devashish Sawant | Ken Mury | Renato Valencia Diaz | Kaushal Seth | Gunja Barui

Abstract of the Project:
Accomzy aims to revolutionize the individual housing and hospitality-tech sector by offering a comprehensive platform designed to optimize accommodation options for users. For individuals, particularly students and working professionals, Accomzy provides a customer-oriented, cost-effective platform where users can explore a wide range of reasonably priced accommodations, including hostels, flats, and tenements, tailored to their preferences and needs. For property owners, Accomzy offers robust property management services, enabling efficient data collection and management related to individuals, inventory, and overall operations, thereby improving property appeal, occupancy rates, and the overall operational experience. By addressing the challenges faced by both seekers and providers of accommodations, Accomzy creates a more efficient and customer-centric housing ecosystem.

Collaboration with NGOs:

Parul University demonstrates an unwavering commitment to shaping a sustainable future through its strategic collaborations with numerous NGOs dedicated to achieving the Sustainable Development Goals (SDGs). By setting both short- and long-term objectives, the University has signed over 15 Memoranda of Understanding (MoUs) with various organizations, resulting in measurable improvements in the livelihoods of surrounding communities. In response to evolving global challenges, Parul University continuously enhances its academic and research resources to promote sustainability across all disciplines. The institution also nurtures social responsibility and moral values among its students by encouraging their participation in community development initiatives such as *Apni Pathshala*, *Killol Vidyamandir Street School Project*, *Bal Milan*, and *Kalrav Anganwadi Project*. Furthermore, the University allocates dedicated funding to support a diverse range of social initiatives and research programs, empowering its faculty and students to actively contribute to national and global SDG efforts through innovation, service, and impactful engagement.

- Lion's Club of Vishwamitri
- Hospital for Mental Health, Karelibaug, Vadodara
- Don Bosco Snehalaya
- Naira Hospitality
- KUPS Enterprise
- Apollo Tyres Foundation
- Udayan Care
- Helpage India
- The MINDS Foundation, Mumbai
- Meet Rehab Centre
- Orange Tree Foundation
- Health Promotion and Social Development (HEPS)
- Acharan Welfare Foundation
- Sikshana Foundation
- K.R. Road Basavangudi, Near Bharati Nursing Home, Bengaluru
- Baroda Children Eye Care & Squint Clinic

Glimpses of some events and activities conducted under some MOUs:









In the loving memory of
Dr. Jayesh K. Patel
Founder President , Parul University

Parul Institute Of Engineering And Technology Diploma Studies
Mechanical Engineering Department
under Women Development cell

Organize

SELL CUM EXHIBITION

of

Food Items by KOSHISH - NGO

Place order on Contact No.: 9825643213.9825934909

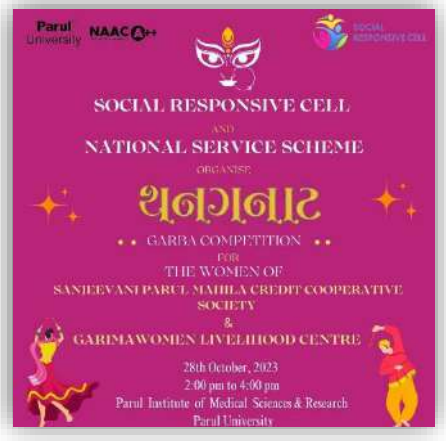
Date : 25th August, 2023 **Time: 9:30 AM Onwards** **Venue : PU Circle**

Convenor : Dr. Ruchi Shrivastava, Principal & WDC President

Coordinators:- Prof Bindi Thakkar, H.O.D, Mechanical Department
Prof. Rajshree Kokate, Asst. Professor







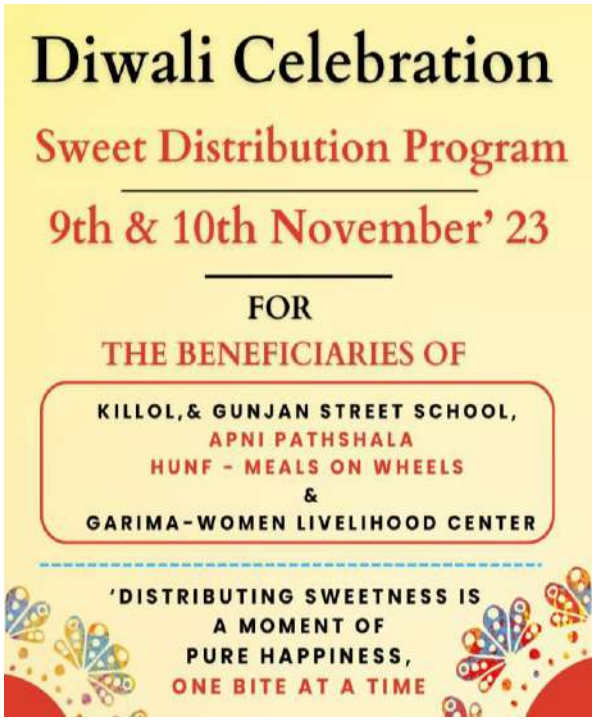



NATURE GIVES LIFE, WE STRIVE TO PRESERVE IT.


Parul University
NAAC A++
SAKSHAMTHAD FOUNDATION
International Women's Day Celebration
9 March 2024
10 AM TO 1 PM
Garima Women Livelihood Centre- Madheli




HPV VACCINE









Glimpses of some events and activities conducted by NCC, NSS, SRC & Unnat Bharat Abhiyan :





Puneet Sagar Abhiyan- International Plastic Bag Free Day





Environmental Awareness Amodar Village



Tree Plantation Drive At Kumarshala (Primary School), Waghodia



Empowering Democracy: UBA's Vibrant Voting Campaign at Sangadol Village





Cleanliness Drive on the occasion of World Environment Day At Timbi Lake, Wagodia, Vadodara.

Commitment to Meaningful and Student-Centric Education Around the SDGs

Parul University is deeply committed to delivering meaningful, world-class education aligned with the United Nations Sustainable Development Goals (SDGs). Beyond academic excellence, the University emphasizes sustainability, innovation, and social responsibility across its 145+ programs at diploma, undergraduate, postgraduate, and doctoral levels. Its student-centric approach replaces traditional teaching with interactive, experiential, and interdisciplinary learning that integrates key SDGs—such as Quality Education, Good Health and Well-being, Gender Equality, and Climate Action—into every discipline.

Glimpses of some programme, events and activities for Student-Centric Education:








Interactive, experiential, and interdisciplinary learning programmes




Project Based Learning Activities



A community survey/outreach activity, illustrating how students apply classroom knowledge to real-life contexts (experiential learning, SDG 3, SDG 4, SDG 11)

Through experiential learning, internships, innovation projects, and community engagement, students address real-world challenges. Participatory and problem-solving methodologies like hackathons, role plays, and field studies cultivate leadership, empathy, and teamwork. The University's integration of digital, evidence-based, and value-oriented learning further promotes lifelong education and ethical awareness.

This holistic approach nurtures socially responsible global citizens equipped with creativity, critical thinking, and compassion—essential for driving sustainable and inclusive development in alignment with global SDG priorities.

Education for SDGs specific courses on Sustainability :

Parul University demonstrates a strong and holistic commitment to advancing the United Nations Sustainable Development Goals (SDGs) through education. The University has introduced and implemented more than 400 specialized courses—core, elective, and specialization-based—focused on sustainability, environmental stewardship, climate resilience, clean and affordable energy, responsible production, and social inclusion. These courses are systematically integrated across undergraduate, postgraduate, and doctoral programs within diverse faculties such as Engineering and Technology, Architecture and Planning, Business and Management, Environmental Science, Pharmacy, Medicine, Agriculture, Social Work, Law, and Liberal Arts. Each course is thoughtfully designed and mapped to relevant UN SDGs, ensuring that students gain not only academic knowledge but also a deep understanding of sustainable practices and global responsibility. This strategic alignment reflects Parul University's commitment to the 2030 Agenda for Sustainable Development and its vision of nurturing socially conscious and environmentally responsible professionals.



Student/community plastic-waste collection and outreach activity.



Large university event / workshop group photo (fits SDG-related events and academic activities).



Students studying/relaxing on campus green space (represents student engagement and campus life).

Education for SDGs in the wider community:

Parul University, Vadodara, demonstrates a deep commitment to advancing the United Nations Sustainable Development Goals (SDGs) through inclusive, community-centered education extending beyond the classroom. In 2023, the University enhanced its outreach by introducing structured educational programs for alumni, local communities, and migrant populations, integrating sustainability and social responsibility into lifelong learning. These initiatives were conducted through platforms such as NSS, NCC, SRC, UBA, Parul Sevashram Hospital, and Khemdas Ayurved Hospital, reaching thousands through experiential engagement aligned with multiple SDGs. Programs for alumni promoted SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth), and SDG 16 (Peace, Justice, and Strong Institutions) through leadership workshops and mentorship. Community outreach included healthcare camps, environmental drives, and sanitation awareness supporting SDG 3, SDG 6, SDG 12, and SDG 13. Through collaborations with civic bodies, NGOs, and local governments, Parul University continues to empower communities, promote sustainability, and drive social transformation aligned with the UN 2030 Agenda.

Glimpses of some outreach educational activities for the wider community Education for SDGs in the wider community:



Shalakya Special Camp at Manjalpur



Health checkup camp at Rozkuva



Health checkup camp at Kohivav



Health checkup camp at Ambada



Health Checkup camp at Zankghara



Health Checkup camp at Vamleshwar



Visit to AMUL Dairy at Anand



Anganwadi Nutritional Program at Limda



Leprosy Center Visit



Blood Donation Camp



Breast Cancer Awareness Camp



Breastfeeding week celebration





Cloth distribution CSR activity at Sangadol



Cloth Donation Camp- Parampara



National Youth Day Event Organized by Biomedical Department



Computer Literacy Programme



Distribution of Notebooks to the village Children's

Unnat Bharat Abhiyan – Books Donation Camp at Waghodia Village





HAR GHAR TIRANGA

National Level Competition Of "Techno-Spardha" on occasion of

"Engineer's Day Celebration-2022"



Techno-Spardha



SRC ACTIVITY



SRC ACTIVITY



SRC ACTIVITY

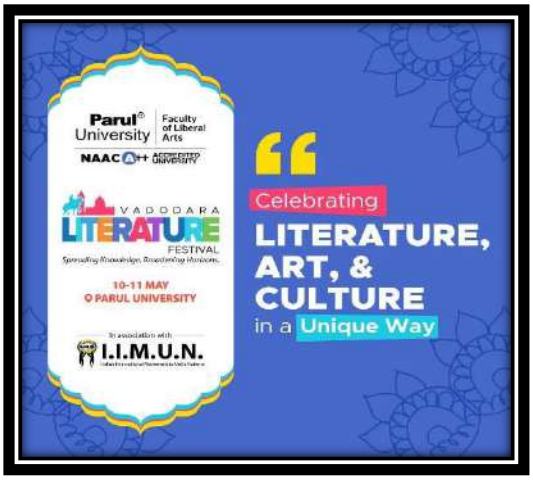


HAR GHAR TIRANGA



Elocution Competition

Some glimpses of Vadodara Literature Festival (VLF) 2023



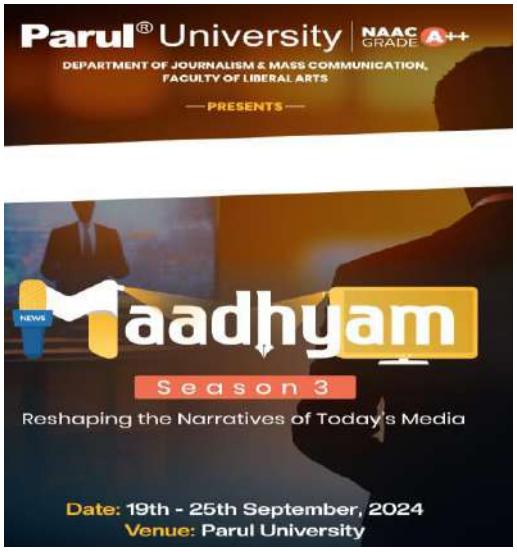


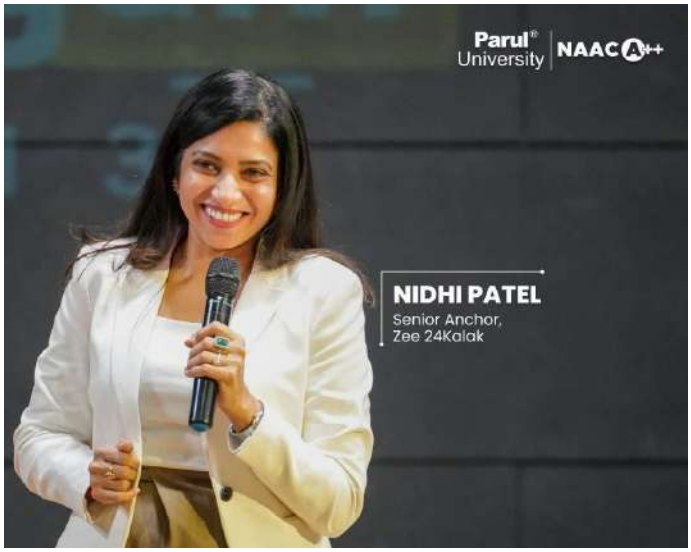
Samvidhan Pe Charcha 2.0:





Madhaym 2024









Vaanijyam 2023







Sustainable Literacy:

Parul University is committed to nurturing Sustainability Literacy by empowering students to understand and apply sustainable development principles in addressing global challenges. Sustainability is integrated across all disciplines—engineering, pharmacy, architecture, medicine, management, and design—through modules, projects, and case studies aligned with the United Nations Sustainable Development Goals (SDGs). The University evaluates sustainability literacy through curricular assessments, surveys, and outcome mapping to ensure continuous improvement. Students gain hands-on experience through research and field projects on Green Hydrogen, Smart Cities, Waste-to-Energy, and Water Conservation, alongside collaborations with global institutions like the University of Surrey and the Royal Academy of Engineering. Community initiatives such as NSS, NCC, Apni Pathshala, and Garima strengthen social responsibility and real-world engagement. With over 84 international partnerships and 1,800+ SDG-related publications, Parul University fosters interdisciplinary and global learning. Continuous audits and reviews reinforce its mission to create responsible professionals driving sustainable transformation.

Research & Publication:

Review

Survival Analysis in Cancer Research: A Bibliometric Study (2005–2024)

Kshtriya, P., Prajapati, A., Chakraborty, M., Ganguly, P.S.
SN Comprehensive Clinical Medicine, 2025

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Hybrid pre trained model based feature extraction for enhanced indoor scene classification in federated learning environments

Dutta, M., Gupta, D., Khullar, V., ...Alroobaea, R.S., Sapra, P.
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Kumar, R., Pippal, P.S., Kumar, R., ...Kumar, P., Shrestha, S.
Discover Sustainability, 2025

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Herbicide use and weed management strategies in hemp cultivation

Kaur, N., Kumar, A.T.R., Malik, T., ...Tariq, M., Mohan, A.
Journal of Cannabis Research, 2025

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The global, regional, and national burden of cancer, 1990–2023, with forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2023

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A comprehensive review on hybrid solar–PCM systems for energy-efficient buildings

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Developing a high-quality patient-centric integrated model for emergency care system in selected districts of India: An implementation research protocol (INDIA-EMS Study)

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Advancing sustainable medical waste management: The role of pyrolysis in resource recovery and environmental protection

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Recent advances in ZnO based photocatalysts for industrial dye degradation

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Generative AI Enhancing Financial Decision- Making Processes

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Intersecting Natural Language Processing and Fintech Innovations in Service Marketing, 2025

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Green Finance Strategies: Driving Sustainable Business Models Through Innovative Financing Solutions

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Unlocking net-zero supply chain performance system through life cycle assessment: Empirical evidence from rubber industry

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Conventional and modern biomedical waste management technologies

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Segregation of biomedical waste: Methodologies and importance

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Diffusion dynamics of the informal sector sustainable innovations: Exploring cases of grassroots innovations in India

Lakum, A.C., Namrata, n., Kumar, H.
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Achieving Net-Zero in the Manufacturing Supply Chain through Carbon Capture and LCA: A Comprehensive Framework with BWM-Fuzzy DEMATEL

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Climate Change Impacts on Legume Physiology and Ecosystem Dynamics: A Multifaceted Perspective

Dave, K.P., Kumar, A., Dave, N., ...Yadav, A., Kaushik, P.
Sustainability Switzerland, 2024

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Nanoparticles in revolutionizing crop production and agriculture to address salinity stress challenges for a sustainable future

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Sustainable Healthcare Practices: Bridging Environmental Health and Management | Prácticas sanitarias sostenibles: Tendiendo puentes entre la gestión y la salud medioambiental

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Health Leadership and Quality of Life, 2024

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Environmental Health Interventions and Their Impact on Quality of Life | Intervenciones de salud ambiental y su impacto en la calidad de vida

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Tensorflow Driven Adaptive Learning Systems for Biodiversity Conservation in Dynamic Environments

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Deshpande, A.G., Ramakrishnan, R., Vekariya, V.M., ...Arumugam, S., Srinivasan, C.
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Conference Paper

Critical Analysis of Risk Management and Influencing Factors in Public-Private Partnership Infrastructure Highway Projects: A Quantitative Approach

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Towards resilient infrastructure: identifying and prioritising important risk factors in PPP road projects

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The Effect of Internationalization Decision on Firm Performance of Export Firms Based in a Developing Country: An Insight From Ethiopia

Elifneh, Y.W., Hirpa, H.D.
Economic Growth and Development in the Tropics, 2024

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Investigating the ecological implications of nanomaterials: Unveiling plants' notable responses to nano-pollution

Ekambaram, G., Prakash, P., Saravanan, P., ...Viswanathan, D., Govindasamy, R.
Plant Physiology and Biochemistry, 2024

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Kamath, K.M., Manasa, M., Anitha, B.S., ...Bhavsar, F.M., Chavan, S.
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Emerging Trends and Innovations in Industries of the Developing World A Multidisciplinary Approach, 2023

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Six-Segment Strategy for Prosumers' Financial Benefit Maximization in Local Peer-to-Peer Energy Trading

Mochi, P., Pandya, K.S., Faia, R., Soares, J.P.
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AI Chatbot Adoption in SMEs for Sustainable Manufacturing Supply Chain Performance: A Mediational Research in an Emerging Country

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Effect of GDP with respect to the nominal and real GDP of India: 2014-‘15 | Efecto del PIB con respecto al PIB nominal y real de la India: 2014-‘15

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Shah, N.H., Chaudhari, U.B., Jani, M.Y.
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Conclusion:

Parul University demonstrates a strong commitment to Sustainable Development Goal 17 by fostering meaningful partnerships that amplify the impact of sustainable education, innovation, and community engagement. Through numerous MoUs with national and international universities, the institution promotes collaborative research, student exchange, and capacity building in sustainability-driven domains. Engagements with NGOs, industries, and government bodies further strengthen its social outreach, empowering communities through projects such as Apni Pathshala, Garima – Women Livelihood Project, and rural development initiatives under Unnat Bharat Abhiyan. The University's Student Research Cell (SRC) actively collaborates on interdisciplinary sustainability projects, integrating global expertise with local action. By organizing international conferences, workshops, and joint programs, Parul University cultivates knowledge-sharing platforms that connect academia, society, and industry. These partnerships reflect the university's holistic approach to achieving SDG 17—leveraging cooperation and shared responsibility to create a more sustainable, inclusive, and resilient global future.