Sustainability Report 2022-23

(Goal - 4)

GALGOTIAS UNIVERSITY

4 QUALITY EDUCATION

Quality Education   Global Citizenship   Quality Teaching   Education

Sustainable Development Goal – 4

QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Introduction to SDG – 4

Galgotias University actively enhances inclusive and industry-relevant learning through innovative initiatives aligned with SDG 4: Quality Education. Programs like "From Classroom to Factory" provide engineering students firsthand exposure to modern manufacturing at Haier Appliances, bridging theory with practice.

Faculty development is strengthened through "Revolutionizing Learning," integrating AI-driven assessments, competency-based teaching, and outcome-focused education, ensuring high-quality instruction.

Patriotism and historical awareness are instilled through "Martyrs' Day", reinforcing the role of education in shaping responsible citizens.

The "Youth Development and Workforce Readiness Program" equips students with employability skills, financial literacy, and career networking opportunities, fostering career preparedness.

By bridging education with real-world applications, Galgotias University empowers students with knowledge, skills, and opportunities for lifelong success, reinforcing its commitment to inclusive, equitable, and quality education for all.

G-SCALE
Galgotias Student Centered Active Learning Ecosystem.

No More Benches, Only Benchmarks.

World Class Campus Infrastructure
Active Learning Ecosystem

- Policy for Supporting Quality Education for All
- Lifelong Learning Access Policy
- Innovative Teaching and Learning Policy
- Inclusive Education and Accessibility Policy
- Anti-Bribery and Anti-Corruption Policy

Study Sustainability at Galgotias University

Programs Offered –
Doctor of Philosophy (Ph.D.) in Environmental Sciences
M.Sc. in Sustainability

Courses Offered –
Business Ethics and CSR (MBDS5022)
Project Management (MBDS6007)
Comprehension and Communication Skills in English (K1UC123B)

⊕ Industry Immersion Program for Practical Learning
Practical Learning at Haier India Appliances

Galgotias University is enhancing industry exposure for engineering students through hands-on learning opportunities. As part of this initiative, the Department of Mechanical Engineering organized an industry visit to Haier India Appliances Pvt. Ltd., Greater Noida, providing B.Tech students with real-world insights into modern manufacturing and automation.

Students explored key industrial processes, including punching, blanking, and injection molding, gaining practical experience in process and supply chain management. Guided by faculty mentors and Haier's technical experts, they observed cutting-edge machinery and quality control measures in action.

An interactive Q&A session allowed students to engage with professionals, deepening their understanding of industry trends, career opportunities, and the role of automation in enhancing efficiency.

This initiative strengthens the connection between academic learning and industry practices, equipping students with essential skills for their future careers. Aligned with SDG 4: Quality Education, the program fosters experiential learning and workforce readiness.

⊕ Outcome-Based Education
through Advancing Pedagogical Excellence

Galgotias University is strengthening faculty expertise through its Faculty Development Program (FDP) on Outcome-Based Education (OBE) and Course Design, Development, and Delivery at the School of Business. This initiative equips educators with innovative teaching strategies, aligning curriculum and assessments with desired learning outcomes.

Led by an expert in Strategic Management and Marketing, the FDP emphasized articulating Course Outcomes (COs), mapping them to Program Outcomes (POs), and designing effective assessments.

Through interactive sessions and hands-on activities, faculty members explored methodologies to foster critical thinking, problem-solving, and student engagement.

With participation from distinguished academicians, the program enhanced faculty proficiency in OBE implementation for MBA and BBA courses. By integrating innovative pedagogical approaches, Galgotias University continues to elevate academic standards, ensuring holistic learning experiences that prepare students for future challenges.

⊕ Honoring Courage: Martyrs' Day Celebration

Galgotias University's NSS Unit-3, Sadhana Path, organized a Martyrs' Day event in March 23, aligning with SDG 4: Quality Education to promote inclusivity and lifelong learning.

The event honored the sacrifices of brave soldiers through engaging activities.

The program commenced with a welcome speech, lamp lighting, and Saraswati Vandana, followed by heartfelt student tributes. Participants from various departments shared inspiring stories of resilience and patriotism, emphasizing the significance of courage and national service.

The event fostered historical awareness, patriotism, and a deep appreciation for India's heroes.

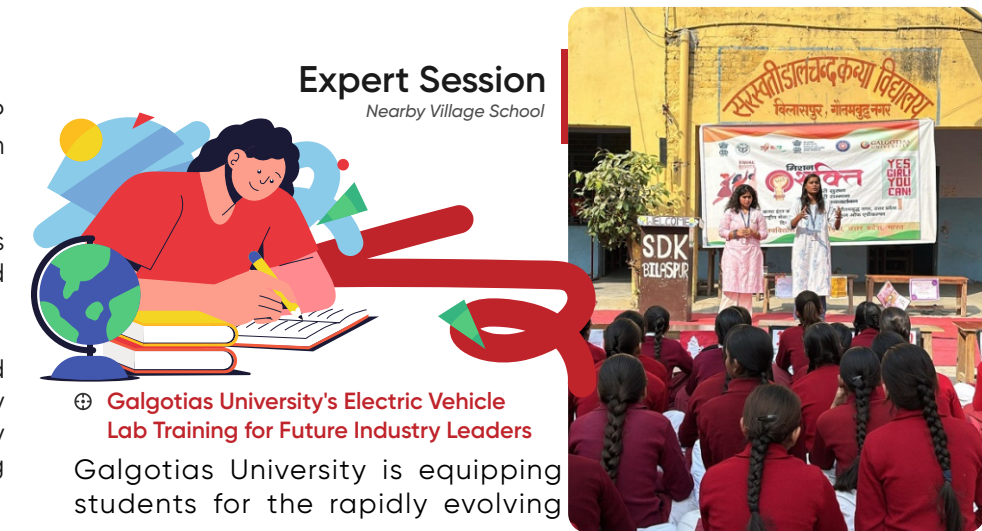### ⊕ Youth Development and Workforce Readiness Program

Galgotias University's Youth Development and Workforce Readiness Program aimed to bridge the gap between education and employment by equipping young individuals with essential career skills.

Recognizing the evolving job market, the program provided students with practical training, career guidance, and networking opportunities to enhance their employability.

The event featured industry experts, HR professionals, and career coaches, delivering sessions on resume building, interview skills, workforce expectations, and personal branding. A keynote address by a renowned career expert emphasized adaptability, proactive career planning, and skill development. Interactive workshops on financial literacy, entrepreneurship, and leadership further enriched the participants' understanding of professional growth.

A panel discussion allowed young professionals and industry leaders to share insights on overcoming employment challenges, gaining relevant experience, and leveraging internships. The networking session provided attendees with opportunities to connect with potential employers, mentors, and industry experts.

Expert Session
Collaborative Classrooms

Expert Session
Nearby Village School

⊕ Galgotias University's Electric Vehicle Lab Training for Future Industry Leaders

Galgotias University is equipping students for the rapidly evolving electric vehicle (EV) industry with its specialized Electric Vehicle (EV) Lab training program. This hands-on initiative aims to provide students with practical knowledge and skills in electric vehicle design, development, and operation, preparing them for careers in sustainable transportation.

The training covers essential topics such as battery management, electric drive systems, power electronics, and charging infrastructure. Students participate in both theoretical sessions with industry experts and practical lab work, including assembling EV components, troubleshooting systems, and building prototypes.

Through collaborative projects and industry exposure, students gain insights into the latest trends and challenges in the EV sector, fostering innovation and problem-solving skills. This program enhances employability, making graduates highly sought after by employers in the growing EV market.

RESEARCH

GALGOTIAS UNIVERSITY

- **Expert systems** *(2022)*
  A hybrid learning approach for the stage-wise classification and prediction of COVID-19 X-ray images

- **Journal of Open Innovation: Technology, Market, and Complexity** *(2022)*
  Open Innovation of Institutional Investors and Higher Education System in Creating Open Approach for SDG-4 Quality Education: A Conceptual Review

- **Intelligent System Algorithms and Applications in Science and Technology** *(2022)*
  Sentiment Analysis Of Online Learners In Higher Education: A Learning Perspective Through Unstructured Data

STARTUPS

ManParth - Integrating ancient wisdom with modern education to foster unity and holistic growth.
Biopractify - offers a range of programs aimed at upskilling students with hands-on practices.

Galgotias University upholds SDG 4 by providing inclusive, equitable, and quality education, fostering lifelong learning opportunities for all students.

www.galgotiasuniversity.edu.in
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