GALGOTIAS UNIVERSITY

4 QUALITY EDUCATION

QUALITY EDUCATION

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



SDG - 4

Galgotias University Sustainability Report

2025-26

QUALITY EDUCATION

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Galgotias University believes that education is the foundation of an empowered, equitable, and progressive society. In alignment with SDG 4 (Quality Education), the university strives to provide inclusive, accessible, and quality education that nurtures knowledge, creativity, critical thinking, and lifelong learning. Through innovative teaching methodologies, technology-enabled classrooms, experiential learning, skill-development programmes, internships, and industry-oriented training, the university equips students with the competencies required to meet emerging societal and professional challenges.

The university places strong emphasis on equal learning opportunities by encouraging the participation of students from diverse social and economic backgrounds. Faculty development programmes, research initiatives, academic collaborations, scholarships, and community-based educational activities further strengthen its commitment to educational excellence. Special attention is also given to digital literacy, entrepreneurship, vocational skills, and interdisciplinary learning to bridge the gap between academic knowledge and practical application.

Through continuous innovation in teaching, research, capacity building, and institutional partnerships, Galgotias University aims to make education a powerful instrument of social transformation. By nurturing responsible, skilled, and future-ready individuals, the university contributes towards building an inclusive knowledge society where learning creates opportunities and empowers generations.

Experiential Learning Visit to GIMS Hospital: Exploring Biomedical Engineering Applications



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, organised an Experiential Learning Visit to GIMS Hospital on 24 December 2025, involving 25 students and two faculty members. The visit aimed to provide practical exposure to healthcare infrastructure and biomedical applications.

During the visit, students explored various hospital facilities, diagnostic laboratories, clinical departments, and biomedical support systems. Faculty members and GIMS officials briefed participants on patient care services, medical education, research activities, and the role of biotechnology in modern diagnostics and treatment. The interaction provided valuable insights into the integration of biotechnology with medical sciences and healthcare delivery.

The visit successfully bridged theoretical knowledge with practical applications, enhanced students' understanding of biomedical technologies, and highlighted the importance of interdisciplinary collaboration. Overall, the experience motivated students to explore future career opportunities in healthcare, biomedical research, and related professional fields.

SDG alignment

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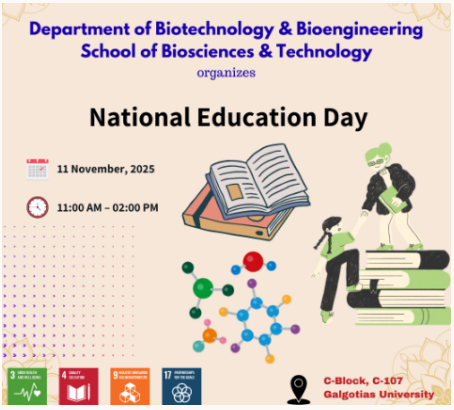
Empowering Minds, Building the Nation: Celebrating National Education Day



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, under the Institution's Innovation Council (IIC), Galgotias University, celebrated National Education Day on 11 November 2025. The event commemorated the contributions of Maulana Abul Kalam Azad, India's first Education Minister, and highlighted his vision of inclusive, accessible, and progressive education.

The celebration emphasised the transformative role of education in promoting innovation, research, critical thinking, and national development. Students participated in engaging discussions on how quality education can shape young innovators and responsible leaders. Faculty members encouraged students to embrace lifelong learning, creativity, and scientific thinking to address societal challenges and contribute meaningfully to nation-building. The event concluded with reflections on the importance of innovation-driven education in empowering youth and building a stronger, self-reliant India.

SDG alignment



Institution's Innovation Day: Fostering Innovation and Entrepreneurship



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, celebrated Institution's Innovation Day on 15 October 2025 to promote innovation, creativity, and entrepreneurship among students. The session focused on developing an entrepreneurial mindset, creative problem-solving abilities, and transforming innovative ideas into successful business ventures. It highlighted the role of innovation in sustainable career development and its alignment with national initiatives such as Startup India and Atmanirbhar Bharat.

Students actively participated in brainstorming sessions and discussions on real-world challenges and innovative solutions. The programme also provided valuable insights into successful entrepreneurial journeys, startup funding opportunities, and institutional support mechanisms. The event encouraged students to explore entrepreneurship beyond conventional career choices and develop innovative solutions with practical applications. Overall, the celebration inspired young minds to embrace innovation and entrepreneurship as pathways towards self-reliance and sustainable development.

SDG alignment



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Industrial Visit to Yakult Danone India Pvt. Ltd.: Bridging Academic Learning with Industrial Practices



The Department of Biotechnology & Bioengineering and Department of Food Technology, Galgotias University, organised an industrial visit to Yakult Danone India Pvt. Ltd., Sonipat, on 21 November 2025, involving 95 students from B.Tech, B.Sc., and M.Sc. programmes, accompanied by faculty members. The visit aimed to provide practical exposure to probiotic production, food processing, and quality assurance.

During the visit, Mr. Shagun Rana (Trainee Junior Executive) and his team introduced students to the company's operations and guided them through various stages of Yakult manufacturing, including sterilization, fermentation, blending, bottling, packaging, and quality control. Students also learned about Lactobacillus casei Shirota, its health benefits, Good Manufacturing Practices (GMP), hygiene standards, and automated production systems. The visit effectively connected classroom learning with industrial applications and enhanced students' understanding of probiotics, food biotechnology, and functional food production.

SDG alignment

4 QUALITY EDUCATIO
9 INDUSTRY INNOV.
12 RESP. CONSUM.
17 PARTNER SHIPS

Igniting Entrepreneurial Minds: Celebrating Innovation and Startup Spirit



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, celebrated World Entrepreneurs Day on 26 August 2025 at C-010, C Block, under the aegis of the Institution's Innovation Council (IIC), Ministry of Education initiative. Aligned with the vision of Viksit Bharat 2047 and the Sustainable Development Goals (SDGs), the programme highlighted entrepreneurship as a catalyst for innovation, employment generation, and economic growth. Discussions focused on startup development, business strategies, funding opportunities, and innovative solutions to real-world challenges. Special emphasis was placed on the contribution of entrepreneurship towards SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), and SDG 9 (Industry, Innovation and Infrastructure). Through brainstorming and interactive activities, students explored entrepreneurial possibilities and leadership skills. The programme inspired aspiring innovators to transform ideas into impactful ventures and contribute towards a self-reliant and progressive nation.

SDG alignment

4 QUALITY EDUCATIO
9 INDUSTRY INNOV.

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GATE Competency Assessment Program: Enhancing Examination Readiness

The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, organised the GATE Competency Assessment Program on 15 October 2025 in offline mode. A total of 42 students participated in the assessment under the guidance of two faculty members.

The programme aimed to evaluate students' preparedness for the Graduate Aptitude Test in Engineering (GATE) through a structured competency-based assessment focusing on core subject knowledge, problem-solving abilities, and time management. Students were also familiarized with the GATE examination pattern, scoring system, and significance of conceptual understanding.



Post-assessment discussions enabled participants to identify their strengths, recognize learning gaps, and develop targeted preparation strategies. Overall, the programme encouraged students to adopt a systematic and focused approach towards competitive examination preparation, thereby strengthening their academic confidence and professional aspirations.

SDG alignment

The Career Launchpad: Empowering Students for Professional Success



The School of Biosciences & Technology (SBT), Galgotias University, in collaboration with the Institution's Innovation Council (IIC), organised "The Career Launchpad: Training and Placement Sessions for Pre-Final & Final Year Students" on 3–4 February 2025. The two-day offline programme aimed to enhance students' employability and prepare them for professional opportunities in biotechnology and allied sciences.

The programme featured eminent resource persons, including Dr. Cheena Chawla, Dr. Nagma Abbasi, Mr. Chaitanya Chhabi, Mr. Vivek Kumar Singh, and Mr. Kishan Kumar, who shared valuable industry and academic insights. Sessions covered resume building, interview preparation, communication skills, professional etiquette, aptitude development, higher education, and entrepreneurship.

A total of 68 students and 8 faculty members participated in the programme. Interactive discussions and expert guidance helped students understand industry expectations and emerging career opportunities. Overall, the initiative strengthened industry-academia interaction and enhanced students' confidence, career awareness, and professional preparedness.

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Angel Investment and VC Funding Opportunities for Early-Stage Entrepreneurs



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, organised an expert session on “Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs” on 25 August 2025. The session was led by Dr. Gaurav Kumar, Head of the Institution’s Innovation Council (IIC), Galgotias University.

The programme aimed to familiarise students and faculty with funding opportunities for emerging startups. The resource person explained the role of angel investors and venture capital firms in supporting innovative business ventures through financial assistance, mentorship, networking, and strategic guidance. Key discussions covered startup scalability, investment opportunities, pitch deck preparation, business model development, proof-of-concept validation, and market readiness. The session also highlighted the importance of university incubators, pitch competitions, and innovation challenges in connecting aspiring entrepreneurs with potential investors. Overall, the session enhanced participants' understanding of startup financing and encouraged them to transform innovative ideas into sustainable entrepreneurial ventures.

SDG alignment



Faculty Development Program on Smart Health Innovation: Integrating Imaging, Sensors & Biomaterials



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, in collaboration with the Department of Applied Mechanics, MNNIT Allahabad, Prayagraj, organised a Faculty Development Program (FDP) titled “Smart Health Innovation: Integrating Imaging, Sensors & Biomaterials” from 14th to 19 July 2025 in online mode. The programme witnessed enthusiastic participation from faculty members and research scholars across India. The inaugural session commenced with Saraswati Vandana, followed by a welcome address by Prof. Abhimanyu Kumar Jha, Dean, SBT. Dr. Gaurav Kumar, Organizing Secretary, highlighted the programme's alignment with SDGs 3, 4, 9 and 17. Dr. Uvanesh K. emphasised academic, research, and industry collaboration. Prof. R. S. Sharma, Dr. Ajaya Bharti, and Chief Guest Prof. R. S. Verma shared valuable insights on multidisciplinary research and biomedical innovation. The FDP promoted interdisciplinary learning, research collaboration, and innovation in smart healthcare technologies.

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Educational Visit to GIMS, Noida: Exploring Advanced Biomedical Research and Laboratory Infrastructure



The Department of Biotechnology & Bioengineering, Galgotias University, organised an educational visit to the Government Institute of Medical Sciences (GIMS), Noida, on 23 December 2025 for 25 M.Sc. Biochemistry Semester III and B.Sc. Biomedical Semester V students under the supervision of Dr. Anupam Prakash and Dr. Savitri Tiwari.

The visit commenced with an introduction to GIMS and its role in clinical research and translational biomedical sciences, followed by an insightful keynote session by Dr. Ravi Kumar Choudhary. Students explored advanced research facilities, including the Cell Culture Laboratory, BSL-2 and BSL-3 laboratories, and Laboratory Incubation Center. They gained practical insights into laboratory biosafety, clinical research workflows, diagnostic technologies, and laboratory-to-industry innovation.

SDG alignment

Workshop on Recent Advances in Biosciences and Technology: Exploring Emerging Scientific Innovations



The School of Biosciences & Technology, Galgotias University, organised a six-day workshop titled “Recent Advances in Biosciences and Technology” from 30 January to 4 February 2026. The programme aimed to familiarise students and researchers with emerging developments in biotechnology, bioinformatics, artificial intelligence, and life sciences.

The workshop featured expert sessions by eminent academicians and industry professionals. Key topics included emerging trends in biotechnology, applications of AI and data science in biosciences, vaccine development, next-generation sequencing, and industry expectations from young professionals. An online assessment was also conducted to evaluate participants' understanding. Interactive discussions provided valuable insights into research opportunities, technological advancements, and career prospects in the bioscience sector.

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Faculty Development Programme cum Research Skill Development Programme on Recent Advances in Biosciences and Technology

The School of Biosciences & Technology, Galgotias University, organised a Faculty Development Programme (FDP) cum Research Skill Development Programme (RSDP) on "Recent Advances in Biosciences and Technology" from 3rd to 9 February 2026. The programme aimed to enhance faculty members' and researchers' knowledge of emerging technologies, advanced research methodologies, and industry-oriented applications in biosciences. The seven-day programme featured expert sessions by distinguished professionals from Next Gen Life Sciences Pvt. Ltd., Chimera Gentec Pvt. Ltd., and Thermo Fisher Scientific. Key topics included industry-academia collaboration, technical recruitment, next-generation sequencing, digital PCR, analytical instruments, capillary electrophoresis, and RT-PCR applications. An online assessment was also conducted to evaluate participants' learning outcomes. The programme was conducted under the guidance of Prof. (Dr.) Abhimanyu Kumar Jha and Dr. Radhey Shyam Sharma, with support from the departmental coordinators.



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Industrial Visit to Rapture Biotech Pvt. Ltd.: Experiential Learning in Industrial Biotechnology



The Department of Life Sciences, School of Biosciences & Technology, Galgotias University, organised an industrial visit to Rapture Biotech Pvt. Ltd., Noida, on 11 November 2025 to provide students with practical exposure to industrial research and modern laboratory practices.

The programme commenced with an interactive session led by Dr. Vinod Kumar Gupta, Chief Scientific Officer, and Mr. Mayank Raj Bharadwaj, CEO & Founder, Rapture Biotech Group. A senior scientist demonstrated the kit-based technique for quantitative determination of Thyroid-Stimulating Hormone (TSH) in human serum. Students gained hands-on exposure to basic laboratory procedures, including pipetting, washing, and centrifugation. They also explored advanced instruments and techniques such as fermenters, ELISA, PCR, and HPLC.

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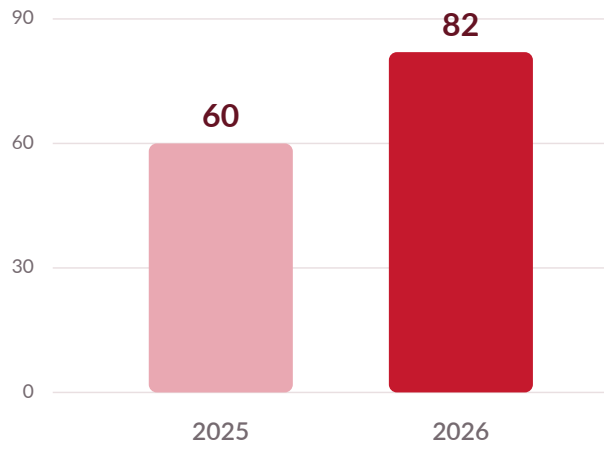
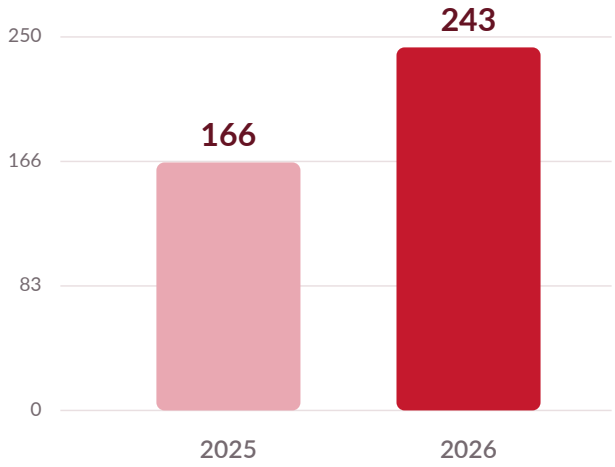
2025-26 | EDUCATION & INNOVATION AT A GLANCE

Year-on-year university activity and publication figures in the supplied report

GU EVENTS



GU PUBLICATIONS



SELECTED HIGHLIGHTS FROM THE REPORT

82
GU events in 2026

243
GU publications in 2026

95
Yakult industrial visit students

Inclusive learning • Experiential education • Industry engagement

Developing professional skills and access to quality education