كليـــة انتـــرجي الطبـــية
BATTERJEE MEDICAL COLLEGE

SUSTAINABLE DEVELOPMENT GOAL 7 (CLEAN ENERGY)

2025 - 2026 **REPORT**



MEDICAL EDUCATION AND LIFE STYLE

BMC | كليـــة البتـــرجي الطبـــية
BATTERJEE MEDICAL COLLEGE



SUSTAINABLE DEVELOPMENT GOALS

كليـــة البتـــرجي الطبـــية
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BMC

Batterjee Medical College's **Commitment to the Sustainable Development Goals**

Clean Energy

BMC's Commitment to Advancing Clean Energy

As part of its steadfast dedication to the SDG7, Batterjee Medical College (BMC) has significantly scaled its clean energy initiatives throughout the 2025 academic year. Recognizing the critical role that clean energy plays in fostering sustainable socio-economic development and mitigating the accelerating impacts of climate change, BMC has intensified its systematic efforts to minimize its institutional carbon footprint, champion renewable energy solutions, and deeply integrate sustainability principles into its core academic framework and community outreach programs.

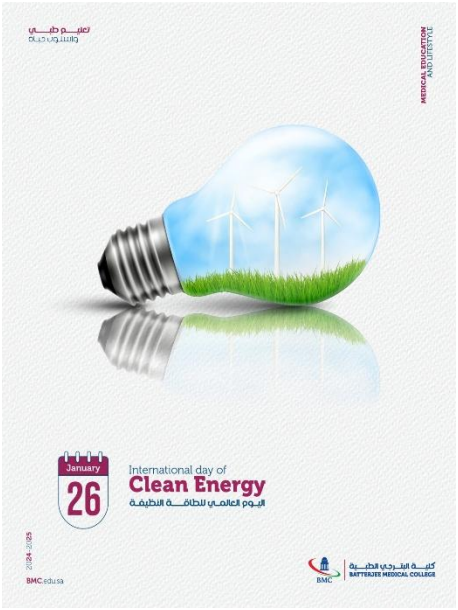
Advancing Renewable Energy and Campus Efficiency



BMC has advanced its robust commitment to sustainable infrastructure by comprehensively upgrading its energy-efficient lighting systems across campus facilities, drastically lowering baseline electricity consumption. This continuous institutional investment in energy-saving infrastructure not only reflects BMC's operational dedication to reducing greenhouse gas emissions but also functions as an interactive, living practice for students to witness the practical benefits of clean energy technologies. Central to this commitment is the integration of advanced Energy Management Systems (EMS) that actively monitor and optimize power usage across all academic and residential buildings. These intelligent systems facilitate the real-time tracking of energy consumption, providing granular data that enables facility managers to identify inefficiencies, reduce energy waste, and promote highly efficient day-to-day power utilization.

Academic Integration and Campus Awareness

The college systematically embeds clean energy principles into its educational framework. Environmental science and public health programs expanded their curricula to feature dedicated modules on renewable energy policies, clean energy technologies, and sustainable energy management. To drive active engagement, the Radiologic Sciences program and the Social Responsibility Unit co-hosted the Clean Energy Campaign. This initiative targeted students, academic staff, and external partners, delivering concrete education on the environmental advantages of reducing reliance on fossil fuels and transitioning to sustainable energy sources.



Community Outreach and Carbon Mitigation

BMC extends its environmental mandate into the local community through initiatives that link clean energy advocacy with carbon sequestration and ecological preservation.

- **Green Jeddah Planting Initiative:** Partnering with local environmental organizations, BMC students planted 200 seedlings at AlSorour Public Park to promote environmental conservation and climate change mitigation.
- **Ministry of Environment, Water, and Agriculture Partnership:** In alignment with Saudi Vision 2030, the BMC Social Responsibility Unit collaborated with the Ministry's Makkah Region Branch to execute a large-scale tree-planting initiative. This project successfully planted 1,000 seedlings across the college's facilities, improving green coverage and supporting long-term environmental sustainability.

Strategic Partnerships for Sustainable Solutions

BMC leverages external partnerships with government and non-governmental organizations to implement best practices in clean energy utilization. During the International Volunteer Day Walkathon at the Jeddah Waterfront, the college partnered with the Jeddah Municipality to promote sustainable lifestyles and raise public awareness regarding the critical role of clean energy in enhancing urban quality of life. These collaborative efforts ensure BMC remains a proactive contributor to national and global energy sustainability targets.

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