

World Engineering Day for Sustainable Development 2024

Theme: **Engineering Solutions for a Sustainable World**

The World Engineering Day for Sustainable Development (WED) on **March 4th** is a momentous global celebration established by UNESCO in 2019, with unwavering support from the World Federation of Engineering Organizations (WFEO). This day pays homage to the indispensable role engineers play in forging a better world, spotlighting their significant contributions to sustainability. The 2024 theme, **Engineering Solutions for a Sustainable World**, underscores engineering's pivotal role in tackling global challenges and realizing the UN's Sustainable Development Goals (SDGs). The 2024 theme highlights the following key pillars:

- ❏ Commitment to SDGs: Engineers lead in translating UN SDGs into actionable solutions, driving progress in renewable energy, waste management, and more.
- ❏ Technological Advancements: Rapid tech progress, including AI and renewable energy, empowers engineers to design innovative, eco-friendly solutions.
- ❏ Inclusivity and Diversity: Encouraging diversity within the engineering field ensures collaboration drawing on various perspectives.
- ❏ Global Collaboration: Engineers collaborate globally to address challenges, fostering cross-border partnerships.
- ❏ Environmental Stewardship: Engineers promote environmental responsibility through sustainable technologies and practices.

In tandem with the celebrations, WED 2024 will host a Hackathon—an initiative brought forth by WFEO, in partnership with UNESCO and Engineers Without Borders International (EWB-I), powered and supported by The Big Creative. This student competition reflects a global partnership aimed at updating and harmonizing engineers' skills to face the challenges of sustainable development through the Graduate Attributes & Professional Competencies (GAPC). For more details on the WED Hackathon, visit <https://worldengineeringday.net/hackathon/>.

The Institution of Engineers (India) earnestly urges all IEI State and Local Centres, as well as its affiliated entities, to celebrate World Engineering Day for Sustainable Development 2024, actively participating in the associated activities to foster a collective commitment towards a sustainable future.