

BIS Nagpur Celebrates World Standards Day 2026 with Focus on SDG 7: Affordable and Clean Energy

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Nagpur,

The Bureau of Indian Standards (BIS), Nagpur Branch Office, under the Ministry of Consumer Affairs, Food and Public Distribution, Government of India, celebrated World Standards Day 2026 at Nagpur, on 14 October 2026. The celebration focused on Sustainable Development Goal 7 (SDG 7): Affordable and Clean Energy, in line with this year's theme, "Shared Vision for a Better World."



Observed annually on 14 October, World Standards Day recognises the collaborative efforts of experts worldwide in developing voluntary consensus-based standards that facilitate technological advancement, promote quality and safety, and support sustainable development.

The programme commenced with a welcome address by Smt. Nisha Kanbargi, Joint Director, BIS Nagpur. Shri Raunak Sukhadeve, Joint Director, BIS Nagpur, subsequently presented messages from the International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC) and the International Telecommunication Union (ITU), along with an overview of the significance of this year's theme.

Dr. Manoj Kumar Rajak, Director and Head, BIS Nagpur Branch Office, outlined the objectives of the programme and highlighted the pivotal role of standardisation in bridging the gap between research and development (R&D) and industrial practices. He emphasised the need to strengthen quality infrastructure, address existing quality-related gaps, and develop Indian Standards that reflect the country's climatic conditions, industrial requirements and practical applications.

Shri Ramchandra Ranganath Ukirde, Principal Director, National Power Training Institute (NPTI), the Chief Guest, provided insights into the prevailing energy scenario in India and globally. He discussed key challenges in the energy sector and outlined possible approaches to addressing them. He also underscored the importance of developing a skilled workforce, including trained technicians, engineers and IT professionals, to support the expansion of renewable energy. Highlighting NPTI's initiatives, he spoke about its role in skill development, specialised training and placement opportunities for engineers in the power sector.

The inaugural session was followed by technical sessions featuring experts from leading academic and research institutions. Prof. Rajeev Agrawal, Professor of Practice in Production and Operations Management, Indian Institute of Management (IIM) Nagpur, discussed the role of effective project planning and management in achieving the Sustainable Development Goals, with particular emphasis on SDG 7 and the promotion of affordable and clean energy.

Shri Abhay Kumar Kuthe, Professor (HAG), Department of Mechanical Engineering, Visvesvaraya National Institute of Technology (VNIT), Nagpur, delivered a session on product innovation in the context of SDG 7 and its societal impact. He explained the concept of Substance-Field Analysis and discussed alternatives to conventional energy sources such as coal and oil, highlighting the importance of innovation in developing sustainable energy solutions.

Dr. Amit Bansiwala, Scientist G, CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur, delivered a technical presentation titled "CCUS (Carbon Capture, Utilisation and Storage) as a Clean Energy Technology Pathway for Environmental and Energy Sustainability." His presentation

highlighted the potential of carbon capture, utilisation and storage technologies in reducing carbon emissions, supporting environmental protection and advancing long-term energy sustainability.

The programme also featured a felicitation ceremony recognising the contributions of distinguished stakeholders towards the promotion of standards. The event concluded with a vote of thanks by Shri Tapan Kumar Haldar, Joint Director, BIS Nagpur, who expressed gratitude to the dignitaries, speakers, participants and organisers for their valuable contributions to the successful celebration.

The programme reaffirmed the importance of standardisation, technological innovation and collaboration among industry, academia and research institutions in advancing sustainable development. It also highlighted the role of standards in supporting the transition towards affordable, reliable and clean energy and in realising the vision of a sustainable future for all.

The programme was conducted under the guidance of Dr. Manoj Kumar Rajak, Director and Head, BIS Nagpur Branch Office, with the active support and coordination of the BIS Nagpur team.

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