



Bureau of Indian Standards
The National Standards Body of India

Presents

STANDARDIZATION CONTEST / मानकीकरण प्रतियोगिता

"Shaping Tomorrow's Sustainability Standards"

Information Brochure





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01

About Standardization for Sustainability and Climate Action

Standardization is the process of developing and implementing technical standards that can ensure the quality, safety, and compatibility of products, services, and processes. Standardization also promote innovation, efficiency and competitiveness in various sectors and industries. ✨

In India, standardization can play a vital role in addressing the sustainability issues and challenges of climate change, which are affecting the country's environment, economy, and society.



Benefits of standardization for sustainability and climate action:

- Standardization aids India in meeting climate goals: reducing emissions intensity, increasing renewable energy share, and enhancing forest cover.
- It backs climate-smart tech and practices: energy-efficient appliances, green buildings, low-carbon transport, and waste management.
- Standardization eases integration of environmental and social aspects into business strategies, including CSR, environmental management, and sustainability reporting.
- It fosters collaboration among stakeholders—government, industry, civil society, and consumers—for sustainable solutions in climate change.



02

About the Competition



We invite students/ research scholars to submit areas where standards need to be developed to address the issues of sustainability and climate change. The submission should be in form of a writeup not exceeding 1000 words highlighting how the proposed subject addresses sustainability issues and/or challenges of climate change. The writeup should be original, creative, and informative, and should reflect the student's understanding and perspective on the topic.

02

About the Competition



The best writeups will be selected and published on our website and social media platforms, and will also receive certificates and prizes. ✨

Entries proposing subjects where Indian Standards are already existing or are under development (including existing Proposals for new Standards) shall not be considered.

Note- To confirm that there are no existing Indian standards or Standards under development (including existing Proposals for new Standards) on the subject you wish to propose, kindly check the BIS website by following the step-by- step instructions provided later in the document.

03

Eligibility Criteria



The Contest is open to college students/research scholars. Participant must be aged between 18-30 as on 1 Jan 2024 and currently enrolled in an educational program at any college.



04

Prizes



Up to 100 best entries will be selected and names of winners and subjects proposed will be published on our website and social media platforms. They will also receive a certificate and individual cash prize of Rs 25000/-.

The selected candidates may also be invited to participate in the relevant Technical Committee meeting as a special invitee and in conferences/seminars organised by BIS. Their contribution will also be acknowledged whenever a standard is developed on subject.

05 How to Submit



Write-up on Subjects of Standardization to address Sustainability Issues and Challenges of Climate Change to be submitted under following headings to contests@bis.gov.in-

1. Issue which is sought to be addressed (Problem Statement)
2. Title/Subject of proposed standard to address the identified issue
3. Justification of proposed subject
4. Related UN SDG(s) proposed to be addressed
5. Likely users of the standard
6. Bearing with Government legislation/regulation, etc.
7. Status of the industry in the country
8. Write-up detailing the issue and how the proposed standard shall address the same (max 1000 words)

06

Important Dates



The deadline for submission is 15 February 2024. Please send your write up to contests@bis.gov.in ✨ with the subject line "Standardization Contest - Sustainability". We look forward to receiving your entries.

07 Steps to check Published Standards, Standards under Development and Proposals for New Standards

Step 1- Open the BIS website <https://bis.gov.in/> and click BIS login

Login link is available here

The screenshot shows the BIS website homepage. At the top, there is a navigation bar with the BIS logo and the text "Bureau of Indian Standards The National Standards Body of India". To the right of the logo, there are links for "About Us", "Standards", "Conformity Assessment", "Laboratory Services", "Hallmarking", "Training", "Consumer Engagement", and language options "हिन्दी / A / A / A". Below this is a dark blue navigation menu with links for "Home", "Standard of the Week", "Standard of the Month", "New Standards", "Revised Standards", "Know Your Standard", "SNAP", "Products under Compulsory Certification", "BIS Talks", "Manak Manch", "Contact Us", and "Old Website".

The main content area features a large banner for the "National Single Window System" with a video player. To the left of the banner, there is a text block: "We're BIS, The National Standards Body of India. We develop & publish Indian Standards, Implement Conformity Assessment Schemes, Recognise & run laboratories for Conformity Assessment, Implement Hallmarking, Work for Consumer empowerment, Conduct capacity assured ISO & IEC". Below this text is a button that says "Click Here for BIS Portal Login". A yellow callout box with a red arrow points to the "BIS Login" link in the left sidebar.

On the right side of the banner, there is a "Whats New" section with a "View All" link. It lists several updates: "Specification for Ethylene Dichloride" as per IS 869 : 2020 NEW, "Capsule Course On National Electrical Code Of India" during 17 – 18 April 2023 at NITS, NOIDA, "Grant of Global First Licence for 'Vinyl Chloride Monomer – Specification' as per IS 17442 : 2020", and "10th international exhibition and...".

At the bottom of the page, there are several sections: "Industry Alert" with a sub-section "COs - notified and due for implementation", "Consumer Alert" with a sub-section "for product recall", "Standards on Sustainable Development" with the text "BIS is developing Sustainability framework", and "Involving Stakeholders-Manak Manthan" with the text "The Institutional mechanism for stakeholders".

Step 2

If you are existing user in BIS portal then login

BIS Account

LOGIN

Welcome to new BIS portal. Employees may please check their registered Email ID for updated password. Users can also enter Email ID, click on "Continue" and click "Forgot Password" to reset passwords and login to new portal.

Email ID/User ID/Mobile Number [Forgot Password](#)

CONTINUE

CREATE YOUR BIS ACCOUNT

If you are new with BIS portal, Please register here

BIS Account

GUEST EMPLOYEE

BIS Guest Registration

[Already have an account? Sign in](#)

Salutation Name

Email Mobile

T x38 1 B Verification Code

RESET **SUBMIT**

Step 3 – Click on Standards Portal

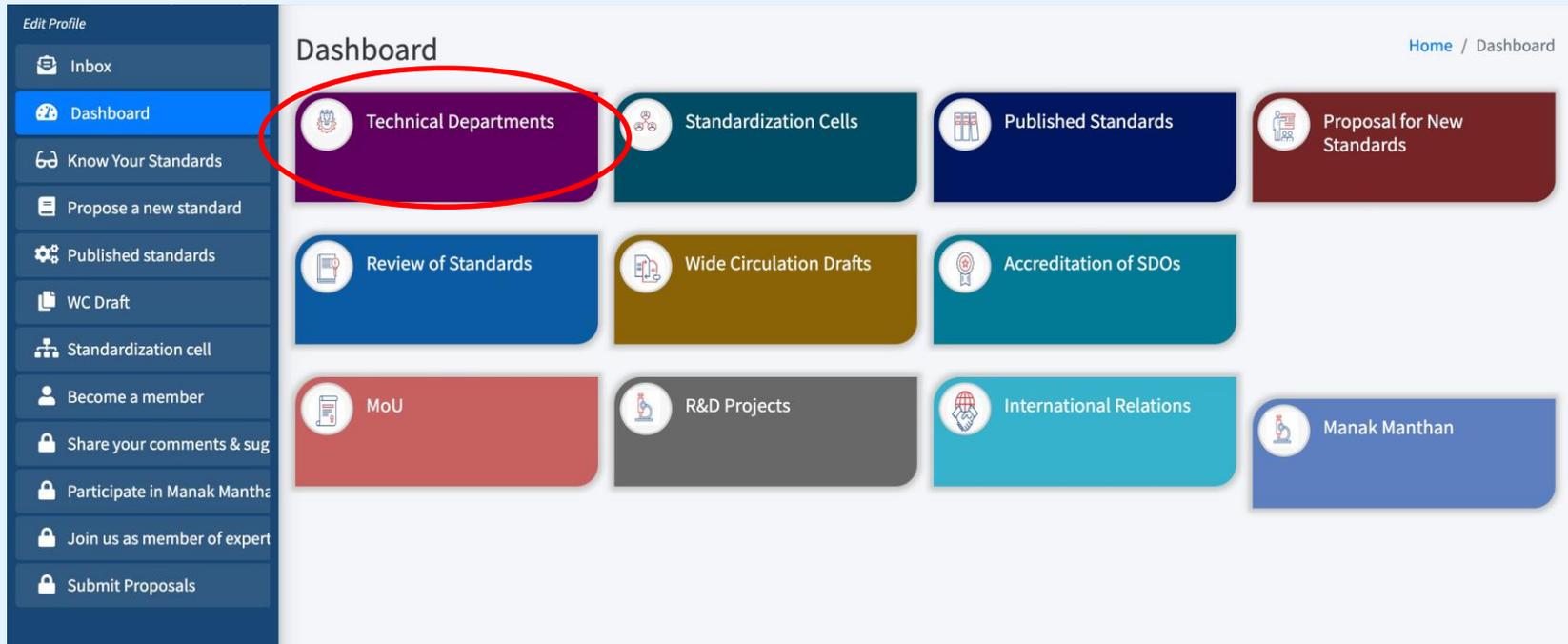
Please Select the activity to proceed further →

The image shows a selection screen with the following options:

- Standards Portal (highlighted with a yellow border)
- Standards Promotion Portal
- Feedback by District Collectors
- Share your comments & suggestions
- Participate in Manak Manthan
- Join us as member of experts group
- Submit Proposals
- Apply for Milk Certification Scheme
- Recruitment Application **Apply Now**
- Market Surveillance (Jewellers) Planning Tool
- Management Systems Certification

Steps to check Published Standards and Standards under Development

Step 4 – Click Technical Departments



The screenshot displays a dashboard interface. On the left is a dark blue sidebar menu with the following items: 'Edit Profile', 'Inbox', 'Dashboard' (highlighted in light blue), 'Know Your Standards', 'Propose a new standard', 'Published standards', 'WC Draft', 'Standardization cell', 'Become a member', 'Share your comments & sug', 'Participate in Manak Mantha', 'Join us as member of expert', and 'Submit Proposals'. The main content area is titled 'Dashboard' and contains a grid of colorful buttons, each with an icon and text. The 'Technical Departments' button is highlighted with a red circle. The buttons include: 'Technical Departments' (purple), 'Standardization Cells' (teal), 'Published Standards' (dark blue), 'Proposal for New Standards' (maroon), 'Review of Standards' (blue), 'Wide Circulation Drafts' (olive green), 'Accreditation of SDOs' (teal), 'MoU' (red), 'R&D Projects' (grey), 'International Relations' (light blue), and 'Manak Manthan' (blue). In the top right corner of the main area, there is a breadcrumb trail: 'Home / Dashboard'.

Steps to check Published Standards and Standards under Development

Step 5 – Check Program of Works across all relevant Technical Departments

[Edit Profile](#)

- [Inbox](#)
- [Dashboard](#)
- [Know Your Standards](#)
- [Propose a new standard](#)
- [Published standards](#)
- [WC Draft](#)
- [Standardization cell](#)
- [Become a member](#)
- [Share your comments & sug](#)
- [Participate in Manak Manthā](#)
- [Join us as member of expert](#)
- [Submit Proposals](#)

Technical Departments Become a Member in Our Technical Committee

S No	Technical Department	Technical Committee	Sub Committee	Working Groups	Panel	Our Team	Program of Work
1.	Ayush Department (AYD)	8	2	0	39	View Member	POW
2.	Chemical Department (CHD)	26	28	40	78	View Member	POW
3.	Civil Engineering Department (CED)	39	29	174	77	View Member	POW
4.	Electronics and Information Technology Department (LITD)	36	3	28	87	View Member	POW
5.	Electrotechnical Department (ETD)	46	3	2	47	View Member	POW
6.	Food and Agriculture Department (FAD)	31	1	1	110	View Member	POW
7.	Management and Systems Department (MSD)	14	23	14	32	View Member	POW
8.	Mechanical Engineering Department (MED)	29	12	13	98	View Member	POW
9.	Medical Equipment and Hospital Planning Department (MHD)	21	7	1	8	View Member	POW
10.	Metallurgical Engineering Department (MTD)	22	4	0	97	View Member	POW

Steps to check Proposals for New Standards

Step 6 – Click Proposal for New Standards

The image shows a dashboard interface with a sidebar on the left and a main content area on the right. The sidebar contains the following menu items: Edit Profile, Inbox, Dashboard (highlighted in blue), Know Your Standards, Propose a new standard, Published standards, WC Draft, Standardization cell, Become a member, Share your comments & sug, Participate in Manak Mantha, Join us as member of expert, and Submit Proposals. The main content area is titled 'Dashboard' and has a breadcrumb trail 'Home / Dashboard'. It features a grid of navigation tiles: Technical Departments, Standardization Cells, Published Standards, Proposal for New Standards (circled in red), Review of Standards, Wide Circulation Drafts, Accreditation of SDOs, MoU, R&D Projects, International Relations, and Manak Manthan.

Dashboard

Home / Dashboard

- Technical Departments
- Standardization Cells
- Published Standards
- Proposal for New Standards
- Review of Standards
- Wide Circulation Drafts
- Accreditation of SDOs
- MoU
- R&D Projects
- International Relations
- Manak Manthan

Steps to check Proposals for New Standards

Step 7 – Click NWIPs in BIS to see Proposals for New Standards Across all Relevant Technical Departments

The screenshot displays the 'New Work Item Proposal (NWIP)' interface. On the left is a dark blue sidebar with the following menu items: 'Edit Profile', 'Inbox', 'Dashboard', 'Know Your Standards', 'Propose a new standard', 'Published standards', 'WC Draft', 'Standardization cell', 'Become a member', 'Share your comments & sug', 'Participate in Manak Mantha', 'Join us as member of expert', and 'Submit Proposals'. The main content area is titled 'New Work Item Proposal (NWIP)' and includes a breadcrumb 'Home / NWIP'. Below the title are four buttons: 'Submit a new proposal' (dark blue), 'My proposals submitted' (olive green), 'My draft proposals' (light blue), and 'NWIPs in BIS' (green). The 'NWIPs in BIS' button is circled in red. The footer contains the text 'Copyright ©2020. All rights reserved.' on the left and 'Designed & Developed by ITSd, BIS' on the right.

Steps to check Published Standards by IS Number or by Keywords

Step 8 – Click Know Your Standards



The screenshot displays a user dashboard for standards management. On the left is a dark blue sidebar with a vertical list of navigation options. A red arrow points to the 'Know Your Standards' option, which is highlighted with a blue background. The main content area is titled 'Dashboard' and features a grid of 12 colorful buttons, each with an icon and a label. The buttons are arranged in three rows and four columns. The top row includes 'Technical Departments' (purple), 'Standardization Cells' (teal), 'Published Standards' (dark blue), and 'Proposal for New Standards' (maroon). The middle row includes 'Review of Standards' (blue), 'Wide Circulation Drafts' (gold), and 'Accreditation of SDOs' (teal). The bottom row includes 'MoU' (red), 'R&D Projects' (grey), 'International Relations' (light blue), and 'Manak Manthan' (blue). In the top right corner of the dashboard area, there is a breadcrumb trail: 'Home / Dashboard'.

Dashboard Home / Dashboard

- Technical Departments
- Standardization Cells
- Published Standards
- Proposal for New Standards
- Review of Standards
- Wide Circulation Drafts
- Accreditation of SDOs
- MoU
- R&D Projects
- International Relations
- Manak Manthan

Sidebar Navigation:

- Edit Profile
- Inbox
- Dashboard
- Know Your Standards
- Propose a new standard
- Published standards
- WC Draft
- Standardization cell
- Become a member
- Share your comments & sug
- Participate in Manak Mantha
- Join us as member of expert
- Submit Proposals

Step 9 – Simply search the standards using IS number or by Keyword

[Edit Profile](#)

- [Inbox](#)
- [Dashboard](#)
- [Know Your Standards](#)
- [Propose a new standard](#)
- [Published standards](#)
- [WC Draft](#)
- [Standardization cell](#)
- [Become a member](#)
- [Share your comments & sug](#)
- [Participate in Manak Manth](#)
- [Join us as member of expert](#)
- [Submit Proposals](#)

Know your standards

[Home](#) / [Know your standards](#)

Search Indian Standard (IS) :

By IS Number By Keyword

IS On ECO Mark

Enter Indian Standard (IS) Number / Keyword 

Search multiple keywords: 

Please enter multiple keywords or keyword strings separated by comma(,) and press enter to see multiple keyword search results



Thank You

For any query write to us on-
contests@bis.gov.in