

Item 6 PROMOTIONAL ACTIVITIES

6.1 Participation in Conferences/Seminars/Meetings

Since the last meeting of the Council, the officers of Civil Engineering Department actively participated in various conferences, seminars, workshops, meetings, etc organized by various organizations with a view to propagating the concepts of standardization and to disseminate information about availability of Indian Standards, new developments and directions in standardization and quality promotion programmes. A list of such participation is given at **Annex 13 (P-158 to 183)**.

The Council may **NOTE**.

6.2 Seminars/Workshops Organized by BIS

Since the last CEDC meeting, a number of seminars/workshops have been organized for disseminating information and promoting effective implementation of standards.

Brief detail of the programmes conducted is given in **Annex 14 (P-184 to 191)**.

The Council may **NOTE**.

6.3 Awareness and Implementation Drive for National Building Code of India (2016)

6.3.1 Massive efforts were made towards promotion of NBC in all the States and UTs by taking up awareness and implementation drive of NBC 2016 since its release on 15 March 2017 including since the last meeting of the Council, as follows:

- a) The National Building Code of India 2016 (NBC 2016) was published and released on 15 March 2017 by the Hon'ble Minister for Consumer Affairs, Food and Public Distribution during the World Consumer Rights Day 2017 celebration held at DRDO Bhavan, New Delhi. The release function itself drew substantial publicity in the print and electronic media.
- b) Thereafter a **series of communications** were sent through email to around 10,000 stakeholders throughout the country about the release of the Code.

- c) A pan-India publicity drive in the form of half-page advertisement in various national dailies of the states (in English, Hindi and vernacular language) was released on 01 April 2017 in different parts of the country.
- d) Thereafter a **series of communications** were sent from DG BIS, to the Central Government (Secretary, MoHUA), State Governments (Chief Secretaries and Secretaries of concerned departments), NITI Aayog, RBI, National Housing Bank, HUDCO, Town and Country Planning Department of States/Union Territories, Municipal Corporations, Development Authorities, Fire Advisor to Government of India and State Fire Services. As a result of all above, massive responses have been received from various stakeholders including regulators.
- e) **Workshops/Seminars** were also organized to publicize the Code and explain the major modifications/new chapters incorporated in the Code, where technical lectures on different parts/sections of the Code were delivered by BIS and Committee experts. These events are targeted for participation by various stakeholders including State building **regulatory authorities** such as town & country planning departments, municipal corporations, development authorities, municipalities, fire services departments; **Govt construction departments** and agencies; building construction **professionals** such as architects, civil engineers, structural engineers, town planners, landscape architects, building services engineers; **builders and developers**; building **material manufactures/ suppliers**; **R&D** Institutions; housing finance institutions; and faculty and students of academic institutions of engineering and architecture.

So far 20 such events have been organized since the release of NBC 2016. A list of such events organized by BIS is given below:

Sl No.	Date & Place	Workshop/Seminar related to	Brief Details
1.	30 March 2017 New Delhi	Seminar on 'Overview of National Building Code of India 2016 and Insights to Fire and Life Safety'	The Seminar was organized jointly with Institution of Engineers (India) - Delhi State Chapter and Fire and Security Association of India-Delhi Chapter at Engineers Bhawan, Institution of Engineers (India) - Delhi State Chapter. Shri S.K. Dheri, Convener of the BIS Expert Panel for Fire Protection, CED 46:P2 gave a lecture on 'Making of NBC 2016: Part 4 Fire and Life Safety'. Other experts involved in the preparation of the above chapter also gave insights into the provisions on fire and life safety. The Workshop was attended by around 250 participants representing all the stakeholders.
2.	27 & 28 June 2017 New Delhi	Two-day National Workshop on "NBC 2016 & Revised Seismic Codes – Impact on Structural Design, Construction & Safety of Buildings"	The Workshop was organized jointly with Indian Association of Structural Engineers (IAStructE), New Delhi. It was inaugurated by Smt Alka Panda, DG BIS, as the Chief Guest. Shri R.K. Mittal, DDG (Standardization) BIS delivered the Key-Note Address bringing out importance of the revised Codes. The Workshop was attended by around 330

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			participants representing all the stakeholders.
3.	10 Aug 2017 Noida	Workshop on 'National Building Code of India 2016' at NITS, Noida	The intensive Workshop was organized jointly with NITS. It was inaugurated by DDG(TI). The Workshop was attended by around 40 participants representing PSU, building professionals, consultants and material suppliers.
4.	31 Oct 2017 Ghaziabad	Workshop on 'National Building Code of India 2016'	The intensive Workshop was organized jointly with National CPWD Academy, Ghaziabad. It was inaugurated by Chief Engineer (Trg), CPWD. The Workshop was attended by around 30 participants who were Executive Engineers, Assistant Executive Engineers, Junior Engineers, Architects, Deputy Architects, etc representing the disciplines of civil engineering, electrical and mechanical engineering, and architecture in CPWD.
5.	08 & 09 Dec 2017 Kolkata	Two-day National Workshop on 'National Building Code of India 2016 & the Recently Revised Seismic Codes – Impact on Design, Construction & Safety of Built Structures'	The Workshop was organized jointly with the Indian Association of Structural Engineers (IAStructE) and the Consulting Engineers Association of India (CEAI), Kolkata. It was inaugurated by Shri Tathagata Roy, Governor of Tripura, as the Chief Guest. Shri Vishnu Gupta, DDGE, BIS delivered the Key-Note Address. The Workshop was attended by around 200 participants representing all the stakeholders.
6.	19 Jan 2018 New Delhi	National Workshop on "National Building Code of India 2016 – Aspects and Aspirations: Part 9 on Plumbing Services & Part 4 of Fire & Life Safety"	The Workshop was organized jointly with the Indian Plumbing Association (Delhi Chapter), New Delhi. It was inaugurated by Shri R.K. Mittal, DDG (Standardization) BIS, as the Chief Guest. The Workshop was attended by around 150 participants fire and plumbing industry, professionals, consultants and builders/developers.
7.	09 Feb 2018 Mumbai	National Workshop on "National Building Code of India 2016 - Aspects and Aspirations: Part 9 on Plumbing Services"	The Workshop was organized jointly with the Brihan Mumbai Licensed Plumbers' Association, Mumbai. It was inaugurated by Shri Ashok S. Tawadia, Hydraulic Engineer, Municipal Corporation of Greater Mumbai, as the Chief Guest. The Workshop was attended by around 65 professionals representing the fire and plumbing industry.
8.	20 & 21 Feb 2018 New Delhi	Two-day National Workshop on "National Building Code of India 2016"	The Workshop was organized jointly with Indian Building Congress, New Delhi. It was inaugurated by Smt Surina Rajan, DG BIS, as the Chief Guest. Shri Abhai Sinha, President IBC & DG CPWD delivered the welcome address. The Workshop was attended by around 400 participants representing all the stakeholders.

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9.	15 & 16 Mar 2018 Udaipur	Two-day National Workshop on "National Building Code of India 2016"	The Workshop was organized jointly with the Institution of Engineers (India) - Udaipur Local Centre, Udaipur. It was inaugurated by Dr U. S. Sharma, Vice-Chancellor, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur. The Workshop was attended by around 250 professionals representing all the stakeholders.
10.	27 & 28 April 2018 Goa	National Workshop on 'National Building Code of India 2016'	The Workshop was organized jointly with jointly by BIS and Indian Concrete Institute - Goa Chapter. It was inaugurated by Shri Vijay Sardesai, Hon'ble Minister for Town Planning, Govt of Goa, as the Chief Guest. Shri R.K. Mittal, DDG (Standardization) BIS delivered the Key-Note Address bringing out importance of the revised Codes. The Workshop was attended by around 120 participants representing all the stakeholders.
11.	17 & 18 May 2018 Bengaluru	National Workshop on 'National Building Code of India 2016'	The Workshop was organized jointly by BIS and Institute for Research, Development and Training for Construction Trades and Management (INSTRUCT), ACCE(I) & ICI. It was inaugurated by Dr H.C. Visvesvaraya, Chairman of the National Building Code Sectional Committee of BIS. The Workshop was attended by around 300 participants.
12.	07 & 08 June 2018 Shimla	National Workshop on 'National Building Code of India 2016'	The intensive Workshop was organized jointly by BIS and Institution of Engineers, Himachal Pradesh State Centre. It was inaugurated by Smt. Manisha Nanda, Addl Chief Secretary (PWD), Government of Himachal Pradesh. The Workshop was attended by around 100 participants representing regulators, works departments, building professionals and academic institutions from Himachal Pradesh and from across the country.
13.	22 June 2018 Varanasi	One day Seminar on 'Safety in Construction of Bridges, Buildings & Other Structures'	The Seminar was organized to disseminate the provisions of standards and NBC 2016, and highlight the good practices and DOs and DON'Ts in an effective manner to the policy makers, government construction departments, builders & developers, contractors, structural engineers, consultants and other building professionals. The Seminar was inaugurated by Smt. Surina Rajan, Director General, BIS. She highlighted the importance of planning and managing safety in the construction of buildings, bridges and other structures by properly handling the relevant issues during design and execution in accordance with the laid down standards. The Seminar was attended by more than 250 delegates representing various stakeholders.

SI No.	Date & Place	Workshop/Seminar related to	Brief Details
			interests such as state regulatory authorities, local bodies, government construction departments, builders, contractors, building professionals and consultants, and academic institutions. A press conference was also organized during the event.
14.	26 & 27 June 2018 New Delhi	Workshop on Water and Sanitation Systems in India: Leveraging Standards for Infrastructure Improvement	The Workshop was organized jointly with American National Standards Institute (ANSI) and Confederation of Indian Industries (CII). The event which was the first workshop under US-India Standards and Conformance Cooperation Project (SCCP), Phase II sponsored by United States Trade Development Agency (USTDA). It was inaugurated by Smt Surina Rajan, DG BIS who in her inaugural address advised for development of sustainable technologies for water supply and sanitation, which could be adopted by all sectors of society irrespective of their economic status. Shri R.K. Mittal, DDG (Standardization), in the concluding session addressed the delegates and advised stakeholders to propose new areas for standardization and urged to effectively utilize the available Indian Standards in this field. The programme was attended by around 100 delegates representing various stakeholders in the field of water supply and sanitation.
15.	06 & 07 July 2018 Guntur	Two-day National Workshop on 'National Building Code of India 2016 and Indian Standards: Innovations and Case Studies in Geotechnical Engineering'	The Workshop was organized jointly by BIS and Institution of Engineers (India) - Delhi State Centre organized jointly with Indian Geotechnical Society - Guntur Local Centre, and RVR & JC College of Engineering, Guntur. The programme was attended by 250 participants including faculty members and students of various engineering colleges, officials from building departments and industry.
16.	07 July 2018 New Delhi	National Workshop on 'Fire & Life Safety Provisions in NBC 2016'	The Workshop was organized jointly by BIS and Institution of Engineers (India) - Delhi State Centre. The Workshop was inaugurated by Shri Rakesh Kumar Agarwal, Engineer-in-Chief, PWD, Government of NCT of Delhi in the presence of Shri H.S. Dogra, Chairman Civil Engineering Division Council of BIS. The workshop was attended by about 170 delegates.
17.	13 & 14 July 2018 Raipur	National Workshop on 'National Building Code of India 2016'	The Workshop was organized jointly by BIS and Indian Buildings Congress - Chhattisgarh State Centre. It was inaugurated by Rajesh Munat, Hon'ble Minister for PWD, Housing, Environment & Transport, Govt of Chhattisgarh and was presided over by Smt Surina Rajan,

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			DG, BIS. The Concluding session was chaired by Shri Bhupendra Sawanni, Chairman, Chhattisgarh Housing Board. The workshop was attended by 1700 participants representing all stakeholders. A press conference was also organized during the event.
18.	03 Aug 2018 Mumbai	National Workshop on 'National Building Code of India 2016 : Glass and Glazing Aspects'	The workshop was organized jointly with the Glazing Society of India (GSI) and IIT Madras. Shri V. Suresh, Vice-Chairman NBC Sectional Committee of BIS was the Key-Note Speaker. The event was attended by around 180 delegates representing the regulators, govt. construction departments, builders, consultants, glass industry, faculty members and students.
19.	17 Aug 2018 Kolkata	National Workshop on 'National Building Code of India 2016 : Fire & Life Safety'	The workshop was organized jointly with the Indian Chamber of Commerce. The Workshop was inaugurated by Shri Tapas Mukherjee, Engineer-in-Chief, PWD, Government of West Bengal in the presence of Shri Vishnu Gupta, DDG(E), BIS and Shri Jag Mohan, DG, West Bengal Fire & Emergency Services. The workshop was attended by around 140 delegates representing fire services departments, fire fighting appliances industry, govt. and private construction agencies, fire and other consultants, etc.
20.	13 & 14 Sept 2018 Dehra Dun	National Workshop on 'National Building Code of India 2016'	The Workshop was organized jointly with the Institution of Engineers (India) - Uttarakhand State Centre. The Workshop was inaugurated by Shri Madan Kaushik, Hon'ble Minister for Urban Development, Govt of Uttarakhand who assured early modifications in/revision of building bye-laws and scrupulous implementation of the provisions of NBC 2016 in the hill state of uttarakhand. The workshop was attended by 250 delegates from across the country including from all concerned departments of Uttarakhand.

Massive publicity in electronic and print media is being received in the above events; some instances are enclosed.

- f) Apart from this, a large number of technical presentations/lectures were delivered in various seminars/conferences/training programmes organized by other organizations. A list of such presentations/lectures delivered is also enclosed.

- g) Brochures on NBC 2016 (10,000 copies in English language and 5,000 copies in Hindi language) were also published and are being widely circulated among the stakeholders. A copy of the both the brochures are enclosed.

The Council may **NOTE**.

6.3.2 In order to promote use of the National Building Code of India 2016 (NBC 2016) widely throughout the country, apart from organizing the workshops, it is desired to undertake a Project to examine the statutory rules and regulations as existing in various states, cities and those issued by various other statutory/concerned bodies and produce documents aligned to the provisions given in NBC 2016, which can be considered by individual Authority for adoption. This is to ensure that the benefits of the sound provisions enshrined in the Code percolate down to common masses and it results in orderly, safe, accessible and sustainable building construction and development in the country. NBC 2016, the model voluntary Code covers updated and modern provisions for all facets of building planning, design, construction and maintenance. It covers administrative provisions, development control rules and general building requirements; fire safety requirements; stipulations regarding materials and structural design; structural use of glass; building services, such as electrical installations, lighting, ventilation, air conditioning and heating, lifts, escalators and moving walks, acoustics, information and communications enabled installations; and plumbing services, such as water supply, drainage, sanitation, solid waste management and gas supply; construction practices and measures to ensure safety of workers and public during construction; landscape planning and design and rules for erection of signs and outdoor display structures, sustainability and asset and facility management.

The **Vision Statement** for the Project proposed to be undertaken is likely to:

- 1) Help put in place systems which will allow people to build safe, well and fast;
- 2) Help in enhanced, effective, transparent, efficient and time bound delivery of services to people;
- 3) Propose adoption of integrated delivery mechanism and wider publicity, to desirable standards required to be adopted for ensuring efficient, sustainable buildings;
- 4) Propose adoption of uniform and verifiable standards throughout the country resulting in safer and resilient living and working spaces;
- 5) Encourage people to ask for better services from construction professionals;
- 6) Enhance 'Ease of doing Business' by bringing in uniformity in building standards and yet ensuring unique features and area specific standards are protected and continued;
- 7) Enable better understanding and coordination between various statutory bodies and eliminating conflicting regulatory provisions;

- 8) Enable systems to be developed which will facilitate collection of verifiable data which in turn will lead to better policy formulation and implementation;
- 9) Submit for consideration of construction professional's best practices in the field of building planning and construction; etc.

BIS has therefore issued a **Notice Inviting Expression of Interest (EOI) bearing reference no. CED 46/Gen-8 dated 12 October 2018** inviting EOI from interested and experienced parties, Firms/Consortium of Firms having sound background and having past experience of developing and implementing similar type of strategies who may like to undertake this Project.

The Council may **NOTE**.

6.4 Pro-active Actions for Dissemination of Information through Social Media

Since last meeting of the Council, a series of important Indian Standards have been published and number of workshops/seminars have been conducted by BIS for dissemination of information about these. In order to reach large number of stakeholders and communicate effectively with them, social media tools like Facebook, Instagram, WhatsApp, Twitter, LinkedIn, Youtube, etc are being utilized. BIS may be followed at below mentioned links for information on BIS activities:

Twitter: [@IndianStandards](http://bit.ly/BISTwitterOfficial)

Facebook 1: [IndianStandards](http://bit.ly/BISFacebookOfficial) (BIS Facebook Official -
<http://bit.ly/BISFacebookOfficial>)

Facebook 2: [civilengineeringbis](#)

LinkedIn: <http://bit.ly/BISLinkedInOfficial>

Youtube: <http://bit.ly/BISYouTubeOfficial>