

BIS Library E-News Alert Month: August 2025, Issues No. 12



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Thought of the Day



Important QR Codes

Scan the QR To Access Useful Websites of BIS



Official Website of Bureau of Indian Scan to Download BIS Care App **Standards**





List of New Arrivals: Books /Standards



BIS Library Web OPAC (Online Public Access Catalogue)

BIS Library Portal



URL to Access BIS Library Portal: https://www.services.bis.gov.in/php/BIS_2.0/Library/

Bureau of Indian Standards in News

• <u>Er Ashok Basa Joins Apex Building Code Committee of BIS</u>. Published in pragativadi.com on 25th August 2025.



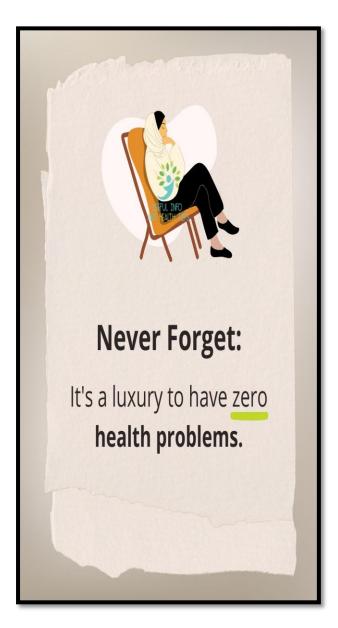
- BIS Bengaluru hosts regional hallmarking meet. Published in thehindu.com on 22nd August 2025.
- <u>BIS Scales Back E-Commerce Platform Obligations, KYC Mandates & Payment APIs Removed from Revised Draft</u>. Published in medianama.co on 21st August 2025.
- Bureau of Indian Standards, Chennai Organised "Manak Samvad Sensitization Meeting with New BIS Licensees. Published in expressnews.asia on 20th August 2025.



RTI Reveals Industry Division on the Applicability, Definitions and Obligations of BIS
 E-Commerce Rules. Published in medianama.com on 20th August 2025.

- <u>High standards in manufacturing vital for nation's growth, says BIS official</u>. Published in thehindu.com on 19th August 2025.
- <u>BIS launches new course, student chapter at IIT-BHU.</u> Published in timesofindia.indiatimes.com on 19th August 2025.
- <u>Draft BIS norms spark debate over cost burden on small sellers</u>. Published in economictimes.indiatimes.com on 19th August 2025.

Health Tips for a Balanced Lifestyle



- <u>Nutritionist's guide to postpartum</u> <u>healing: what new mothers should eat and</u> <u>skip</u>. Published in ndtv.com on 24th August 2025.
- <u>How lifestyle factors impact</u> cardiac health during exercise? wellness coach explains. Published in ndtv.com on 23rd August 2025.
- A 9-5 desk job is not healthy; here are changes you can make for better health. Published in ndtv.com on 22nd August 2025.
- As colon cancer cases rise in youngsters, consider these preventive tips. Published in ndtv.com on 21st August 2025.
- <u>US paediatricians' new covid-19</u> <u>shot recommendations differ from CDC</u> <u>advice</u>. Published in ndtv.com on 20th August 2025.
- <u>Rubella eliminated as a public</u> <u>health issue in Nepal: where India stands.</u> Published in ndtv.com on 19th August 2025.
- <u>Sunaina Roshan shares a five-minute body-mind reset ritual to beat stress instantly</u>. Published in ndtv.com on 18th August 2025.
- <u>Nutritionist explains how to get</u> your energy back with these 5 nutritious
- foods. Published in ndtv.com on 17th August 2025.
- Bananas, guavas, papayas: lifestyle coach shares August-September grocery guide for seasonal nutrition. Published in ndtv.com on 16th August 2025.

- Women are at a higher risk of dementia: here's why. Published in ndtv.com on 15th August 2025.
- Low HDL levels pose heart health risk: nutritionist shares tips to boost your good cholesterol naturally. Published in ndtv.com on 14th August 2025.
- <u>Vitamin K can cut down heart disease risk: food sources and how much to consume daily.</u> Published in ndtv.com on 13th August 2025.
- <u>Nutritionist suggests top 6 vitamin c-rich foods to treat dull skin and pigmentation</u>. Published in ndtv.com on 11th August 2025.
- Resistant hypertension: expert busts 7 common myths about this condition. Published in ndtv.com on 10th August 2025.
- <u>Nutritionist shares roti options tailored to your specific health needs</u>. Published in ndtv.com on 8th August 2025.
- <u>Pigmentation, dullness, and uneven patches- expert shares tips to get even skin tone.</u> Published in ndtv.com on 7th August 2025.
- <u>Try celebrity fitness instructor's guilt-free chocolate bar to satisfy your sweet cravings</u>. Published in ndtv.com on 6th August 2025.
- First 10 things to fix in your routine today if you feel tired all the time. Published in ndtv.com on 5th August 2025.
- National bone and joint day 2025: what you can do today for a better bone & joint health in future. Published in ndtv.com on 4th August 2025.
- <u>Nutritionist lists everyday habits that secretly raise your cortisol levels</u>. Published in ndtv.com on 4th August 2025.
- What should a complete health check-up really include? cardiologist shares. Published in ndtv.com on 3rd August 2025
- <u>7 Powerful ayurvedic fermented foods for a healthier gut</u>. Published in indianexpress.com on 2nd August 2025.
- <u>15 ways to convince your hair to grow faster and longer</u>. Published in thecut.com on 1st August 2025.

National Librarian's Day on 11th August 2025

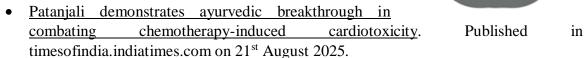
The BIS Library successfully organized a lecture programme on the occasion of Librarian's day on 11 August 2025 at Lal C. Verman Hall, Manak Bhavan, New Delhi. The program commenced with an inaugural address by Deputy Director General (Administration) Lt. Colonel Kumar Shantanu. The welcome address was delivered by Ms. Yogita Ahuja, Head and Deputy Director, Library Services Centre, presented a brief overview of the Bureau of Indian Standards Library. The Lecture on "Transforming Libraries for Users: A Practical Approach to Ranganathan's Five Laws" by given by chief guest Sh. Rajendra Singh, Library Officer at Indraprastha Institute of Information Technology- Delhi. The program concluded with a vote of thanks proposed by Ms. Rekha Vij, Section Officer,



National & International News on 17 Themed Area of BIS

Ayush Department

- NIA to organise meet on 'Ayurveda Aahara'. Published in timesofindia.indiatimes.com on 25th August 2025.
- <u>India's first pet-yakrit-pleeha shuddhi kit launched by</u> <u>Ayurveda guru Acharya Manish ji</u>. Published in tribuneindia.com on 23rd August 2025.



- <u>Lions Club of Dimapur organizes naturopathy health camp</u>. Published in nagalandtribune.in on 18th August 2025.
- Monsoon ayurvedic haircare: natural rituals and aromatherapy wisdom for curly and wavy hair. Published in news18.com on 17th August 2025.
- Feeling anxious while eating? 3 Ayurvedic eating hacks for your mealtimes that help calm down the mind. Published in hindustantimes.com on 17th August 2025.
- Rashtriya Ayurveda Vidyapeeth to host 30th National Seminar on Ayurvedic Paediatric Healthcare in Delhi. Published in ddnews.gov.in on 17th August 2025.
- Ayurveda in the wild: siddhayu wellness at tadoba's bamboo forest. Published in outlooktraveller.com on 16th August 2025.
- <u>Independence Day Celebrated at the National Institute of Naturopathy (NIN)</u>. Published in pib.gov.in on 15th August 2025.
- <u>Sowa Rigpa healthcare facility in Arunachal soon: NISR director</u>. Published in health.economictimes.indiatimes.com on 12th August 2025.
- <u>Mumbai: 'Let us practise modern medicine or we'll act,' say Homoeopaths</u>. Published in mid-day.com on 12th August 2025.
- Envisioning a diabetes-free India: can ancestral Ayurveda deliver hope for chronic disease management? Published in tribuneindia.com on 11th August 2025.
- The role of AYUSH Ministry in building a science-backed future for Ayurveda. Published in dailypioneer.com on 7th August 2025.
- <u>Popularization of Ayurveda, Yoga and Naturopathy</u>. Published in orissadiary.com on 6th August 2025.
- Ministry of Ayush releases list of Ayurvedic food preparations under category of 'Ayurveda Aahara'. Published in thehindu.com on 5th August 2025.
- <u>Beyond wellness: Why the world is turning to Ayurveda</u>. Published in timesofindia.indiatimes.com on 5th August 2025.
- <u>AYUSH Ministry strengthens healthcare through education, research and outreach.</u> Published in medicaldialogues.in on 3rd August 2025.
- FSSAI and Ministry of Ayush release definitive list of Ayurveda Aahara Products. Published in ddnews.gov.in on 2nd August 2025.
- FSSAI in consultation with ministry of ayush releases definitive list of Ayurveda aahara products under category a. Published in pib.gov.in on 2nd August 2025.

- <u>Patanjali hosts 'Anamayam' international conference to promote integration of Ayurveda with modern medicine</u>. Published in thestatesman.com on 2nd August 2025.
- Maha homoeopaths allowed to practice allopathy after CCMP certification, centre tells Lok Sabha. Published in medicaldialogues.in on 2nd August 2025.
- <u>Maharashtra gives approval to modern pharmacology course for homoeopaths: Govt.</u> Published in bestcolleges.indiatoday.in on 1st August 2025.
- Thyroid issues may find relief in Ayurveda: 3 herbs that could work like magic for your health. Published in economictimes.indiatimes.com on 31st July 2025.
- <u>Celebration of Maharshi Charak Jayanti at National Institute of Ayurveda</u>. Published in pib.gov.in on 29th July 2025.

Civil Engineering Department

- <u>Seismic expert warns of potential for stronger earthquakes in peninsular Malaysia</u>. Published in thevibes.com on 25th August 2025.
- What is the national construction code and what would a pause mean? Published in abc.net.au on 23rd August 2025.
- Transforming project management with auto desk construction cloud. Published in autodesk.com on 23rd August 2025.
- Seismic performance of Reinforced

 Concrete Buildings with openings in URM

 Infill walls: A Soil-Foundation-Structure Modelling approach. Published in frontiersin.org on 21st August 2025.
- Adding biochar to cement yields concrete that's stronger, more environmentally friendly. Published in techxplore.com on 21st August 2025.
- Application of machine learning techniques to predict the compressive strength of steel fiber reinforced concrete. Published in nature.com on 21st August 2025.
- <u>HSE issues plant safety warning</u>. Published in constructionmanagement.co.uk on 21st August 2025.
- <u>Smart workflows are framing construction's digital future</u>. Published in geoweeknews.com on 20th August 2025.
- <u>Multimodal chitosan-based materials for combination immunotherapy in cancers:</u> <u>Structural engineering, immune regulatory mechanisms and synergistic therapeutic.</u> Published in sciencedirect.com on 19th August 2025.
- <u>PCMC equips new firefighters with training on advanced firefighting tools</u>. Published in mypunepulse.com on 19th August 2025.
- <u>Building collapse: FG to inaugurate advisory code committee</u>. Published in punching.com on 18th August 2025.
- <u>Turner & Townsend lands in Egypt with acquisition of value metric consultants</u>. Published in consultancy-me.com on 17th August 2025.
- Seismic building codes. Published in fema.gov on 13th August 2025.

- Transforming project management with auto desk construction cloud: the paper excellence success story. Published in autodesk.com on 11th August 2025.
- <u>IGNOU launches MBA programmes in construction management, logistics and supply chain, and online certificate for nurse managers</u>. Published in thehindu.com on 9th August 2025.
- <u>Bangur concrete launches first RMC plant in Karnataka</u>. Published in constructionweekonline.in on 9th August 2025.
- GMC launches special drive to bulldoze illegal structures in city. Published in timesofindia.indiatimes.com on 8th August 2025.
- NIST to provide updates on construction safety team investigations in September advisory committee meeting. Published in nist.gov on 6th August 2025.
- The practical impact of indoor temperature on the productivity of prefabricated construction workers using electroencephalogram data. Published in nature.com on 6th August 2025.
- Amazon and brimstone advance lower-carbon cement collaboration. Published in businesswire.com on 5th August 2025.
- New guide shares best practice for the safe use of construction products. Published in constructionmanagement.co.ukon 5th August 2025.
- New model advances understanding of stress—strain behaviour in FRP-confined ultrahigh-performance concrete. Published in newswise.com on 4th August 2025.
- Why fire India has become the leading platform of India's fire safety movement?. Published in tribuneindia.com on 4th August 2025.
- Construction management: new immigration rules: what construction employers need to know. Published in constructionmanagement.co.uk on 4th August 2025.
- Modelling and simulation of the block pouring construction system considering spatial temporal conflict of construction machinery in arch dams. Published in nature.com 2nd August 2025.
- Foundation design flaws likely cause for column cracks, platform 'settlement'. Published in timesofindia.indiatimes.com on 31st July 2025.
- <u>Surface structural engineering of self-supported HER electrodes: Multiscale micro/nanostructure regulation and their roles in HER process.</u> Published in sciencedirect.com on 30th July 2025.
- Seismic retrofit of high-rise buildings using buckling-restrained braces: design methodology and performance evaluation. Published in nature.com on 29th July 2025.

Chemical Department

- Cellulose-based aerogel fibers with enhanced mechanical properties for thermal insulation and humidity response. Published in sciencedirect.com on 23rd August 2025.
- Experimental investigation of the impact of wood sawdust incorporation on the physical and thermal properties of fired clay bricks. Published in nature.com on 22nd August 2025.
- Optical properties of chiral cobalt oxide nanoparticles. Published in pubs.acs.org on 22nd August 2025.



- Metal construction, insulation materials, green factories, clean technology, and smart cold chain: a comprehensive industry event taking place in shanghai from December 11-13. Published in laotiantimes.com on 21st August 2025.
- The use of helium in space applications. Published in gasworld.com on 19th August 2025.
- <u>Refrigeration technologies to increase cold chain sustainability</u>. Published in nature.com on 19th August 2025.
- <u>India's semiconductor ecosystem taking shape; chemical companies ramp up ultra-pure production</u>. Published in timesofindia.indiatimes.com on 17th August 2025.
- <u>Scientists transform 'forever chemicals' in water into fluoride with new process</u>. Published in livescience.com on 17th August 2025.
- <u>Bamboo aerogel derived from waste bamboo flour for thermal insulation</u>. Published in sciencedirect.com on 14th August 2025.
- High performance thermal insulation aerogels of modified egg white powder and xanthan gum: Production, characterization, and application for food packaging. Published in sciencedirect.com on 18th August 2025.
- <u>Heat at work: Safety and health implications</u>. Published in openaccessgovernment.org on 11th August 2025.
- <u>California extends safety and health protections to domestic workers</u>. Published in safetyandhealthmagazine.com on 11th August 2025.
- <u>Good practices on occupational health and safety</u>. Published in ciiblog.in on 8th August 2025.
- <u>Integrated insulation: A specification guide to spray polyurethane foam for energy-efficient envelopes</u>. Published in architectureanddesign.com.au on 5th August 2025.
- The National Council for Occupational Safety and Health Receives an International Award at the 25th ORP Conference in Colombia. Published in newswire.com on 4th August 2025.
- <u>EXPLAINER | How critical is safety at the workplace?</u>. Published in financial express.com on 4th August 2025.
- <u>DDMA drills to tackle chemical hazards and quakes</u>. Published in hindustantimes.com on 1st August 2025.
- <u>DDMA conducts mock drills in Delhi for earthquake and chemical hazard</u> preparedness. Published in thestatesman.com on 1st August 2025.
- A Case study of occupational safety and health in Vietnam's ICT manufacturing SMEs. Published in afd.fr on 30th July 2025.
- <u>Biomimetic nanofibres for sustainable thermal insulation</u>. Published in nature.com on 29th July 2025.

Environment and Ecology

- <u>DNA from rainwater provides a window into tropical canopy biodiversity</u>. Published in phys.org on 24th August 2025.
- WHO, WMO issue new report and guidance to protect workers from increasing heat stress. Published in who.int on 22nd August 2025.



- <u>Dengue</u>. Published in who.int on 21st August 2025.
- National policy to promote globally important agricultural heritage systems (GIAHS) sites in India. Published in global-agriculture.com on 20th August 2025.
- Nanostructured sorbents for sustainable environmental management: pioneering nextgen solutions for complex contaminant removal. Published in frontiersin.org on 19th August 2025.
- ICAR-DFR Pune launches India's first pollinator habitat restoration kit to promote biodiversity and boost crop yields. Published in krishijagran.com on 18th August 2025.
- <u>How does plastic pollution affect health? | Explained</u>. Published in thehindu.com on 17th August 2025.
- Developing a reliable predictive model for the biodegradability index in industrial complex effluent. Published in nature.com on 17th August 2025.
- <u>Characterization of nanoplastics and small-sized microplastics in sewage treatment</u>. Published in nature.com on 17th August 2025.
- From exclusion to decent work: Mendoza transforms the reality of recyclers in Guaymallén. Published in noticiasambientales.com on 16th August 2025.
- Environmental burden and health inequity in China's road-based express delivery. Published in nature.com on 15th August 2025.
- <u>Sustainable mining practices and environmental management</u>. Published in ibgnews.com on 12th August 2025.
- Experts share experiences in environmental governance. Published in chinadaily.com.cn on 11th August 2025.
- <u>Momentum sagging at UN plastic pollution treaty talks</u>. Published in timesofindia.indiatimes.com on 10th August 2025.
- <u>Unspent funds in pollution control scheme to carry over, no discontinuity in works:</u> <u>Environment ministry to Parliament panel</u>. Published in indianexpress.com on 9th August 2025.
- <u>SC: Pollution boards can impose damages</u>. Published in hindustantimes.com on 5th August 2025.
- <u>Mandre high school introduces bird watching activity to promote biodiversity</u> awareness. Published in heraldgoa.in on 5th August 2025.
- Rotary Club of Nagpur Elite comes up with three biodiversity parks. Published in timesofindia.indiatimes.com on 5th August 2025.
- Chandigarh's new environment panel holds first meeting, focuses on pollution control and sustainable practices. Published in indianexpress.com on 5th August 2025.
- Environment minister to visit e-waste park in Norway to note best practices. Published in hindustantimes.com on 4th August 2025.
- Commission launches consultation and call for evidence for upcoming Circular Economy Act. Published in environment.ec.europa.eu on 1st August 2025.
- Enhancing environmental sustainability and promoting scientific waste management practices. Published in thehansindia.com on 31st July 2025.

Electro Technical Department

- Game change BOS opens high volume transformer manufacturing facility in Maharashtra. Published in saurenergy.com on 21st August 2025.
- Deputy Chief Minister Mallu Bhatti
 Vikramarka orders snipping off of unsafe cables.
 Published in newindianexpress.com on 20th August 2025.
- <u>Senior high voltage (HV) and/or medium</u>
 <u>voltage (MV) electrical engineer</u>. Published in transformers-magazine.com on 19th
 August 2025.
- <u>Circularity first: A second wind for turbine blades</u>. Published in holcim.com on 13th August 2025.
- <u>All in one: NIST develops single device to realize electrical standards</u>. Published in nist.gov on 12th August 2025.
- OUTA recommends public holds back on solar system registration with Eskom. Published in greenbuildingafrica.co.za on 12th August 2025.
- <u>A unified realization of electrical quantities from the quantum International System of Units</u>. Published in nature.com on 12th August 2025.
- Eastwood MSP Jackson car law backs select's campaign to regulate electro technical industry. Published in renfrewshire24.co.uk on 11th August 2025.
- <u>Leicester College sparks new era with electro technical training hub</u>. Published in thebusinessdesk.com on 8th August 2025.
- Adaptive adjustment graph representation learning method for rotating machinery fault diagnosis under noisy signals. Published in newswise.com on 8th August 2025.
- The evolution of switchgear a cost migration model from traditional switch panels to intelligent.... Published in thehansindia.com on 6th August 2025.
- <u>Archibald announces fourth electrical switchgear academy with Vertiv.</u> Published in economy-ni.gov.uk on 4th August 2025.
- <u>Sr. high voltage project engineer</u>. Published in transformers-magazine.com on 29th July 2025.

Food and Agriculture

- Safe to Eat project: PRRAL rejigs methodology for reporting pesticide residue levels in vegetable, fruit samples. Published in thehindu.com on 24th August 2025.
- Chronic exposure to food additives: Monosodium glutamate and tartrazine dysregulate gut-brain axis in zebrafish model. Published in sciencedirect.com on 22nd August 2025.



- Empowering greenhouse farmers in Albania: FAO launches farmer field schools. Published in fao.org on 20th August 2025.
- About | plant production and protection. Published in fao.org on 19th August 2025.
- <u>Turmeric adulterated with cancer-causing chemicals: How to check purity at home.</u> Published in timesofindia.indiatimes.com on 19th August 2025.
- Startup develops weed-plucking robot that could replace pesticides: 'The biggest thing we can do to improve human health'. Published in tech.yahoo.com on 18th August 2025.
- <u>New pesticides provide challenging alternatives to neonicotinoids</u>. Published in news.cornell.edu on 13th August 2025.
- Research and achievements in Iran's agriculture sector are significant: FAO representative. Published in tehrantimes.com on 12th August 2025.
- <u>Law for fake seeds, fertilisers, pesticides soon: Chouha</u>n. Published in firstindia.co.in on 12th August 2025.
- Rotten Meat Seizure Fallout: Scrutiny needed in production of substandard spices, artificial milk, contaminated mineral water: Zuhaib Yousf Mir. Published in greaterkashmir.com on 12th August 2025.
- Common food thickeners long thought to pass right through us are actually digested. Published in eurekalert.org on 12th August 2025.
- <u>United Soybean Board launches website to support livestock nutrition, health.</u> Published in feedstrategy.com on 12th August 2025.
- How much damage are ultra-processed foods really doing to your health? Published in sciencedaily.com on 10th August 2025.
- 'Leave it to nature': how enticing insects to kill off pests helped cut reliance on pesticides. Published in theguardian.com on 8th August 2025.
- Food additives inhibit intestinal drug transporters but have limited effect on in vitro drug permeability. Published in pubs.acs.org on 7th August 2025.
- Why cutting out synthetic pesticides will reduce food production and won't help the environment. Published in geneticliteracyproject.org on 5th August 2025.
- There's one simple method to reduce alcohol intake, scientists say, and it works. Published in sciencealert.com on 5th August 2025.
- Afghanistan: FAO and UK launch GBP 10 million initiative to boost rural resilience and food security. Published in fao.org on 4th August 2025.
- Sustainable food and agricultural systems. Published in iucn.org on 2nd August 2025.
- Preliminary insights regarding the quality of Kallmet wine, obtained by sequential inoculation with Metschnikowia pulcherrima and Saccharomyces cerevisiae. Published in frontiersin.org on 1st August 2025.
- <u>Implementing Alternative Methods</u>. Published in fda.gov on 31st July 2025.
- <u>Clerics back biotechnology for food security</u>. Published in realnewsmagazine.net on 30th July 2025.

Electronics and Information Technology Department (LITD)

• <u>Hybrid platform provides a step forward in quantum technologies.</u> Published in thequantuminsider.com on 21st August 2025.

- How can regulators prepare for a quantum leap in technology? Published in theregreview.org on 21st August 2025.
- <u>Iberdrola backs quantum computing in basque country.</u> Published in blogs.microsoft.com on 21st August 2025.
- <u>Modeling the ideals of scientific conduct in quantum engineering.</u> Published in csrwire.com on 21st August 2025.
- OpenAI finance chief sees firm selling AI data centre services to offset ChatGPT costs. Published in scmp.com on 21st August 2025.
- <u>Scientists program cells to create biological qubit in multidisciplinary research.</u> Published in phys.org/news on 20th August 2025.
- <u>Post-quantum resilience</u>: <u>building secure foundations</u>. Published in blogs.microsoft.com on 20th August 2025.
- <u>Study reveals how machine learning improves quantum systems.</u> Published in azorobotics.com on 20th August 2025.
- Scope technologies to acquire cloud codes, expanding quantum-secure authentication & storage ecosystem. Published in prnewswire.com on 20th August 2025.
- Google Cloud unveils AI ally for security teams. Published in artificialintelligencenews.com on 20th August 2025.
- PM shares an article highlighting India's progress in affordable broadband, UPI and digital governance. Published in pmindia.gov.in on 20th August 2025.
- Artificial intelligence. Published in britannica.com on 19th August 2025.
- Quantum photonics & technology program continues momentum into second year. Published in news.unm.edu on 19th August 2025.
- Quantifying artificial intelligence through algorithmic generalization. Published in nature.com on 18th August 2025.
- What Is the current status of quantum technology? Published in builtin.com on 18th August 2025.
- <u>Digital Gujarat? 467 panchayats of Gujarat still without computers, 111 offline.</u> Published in newindianexpress.com on 16th August 2025.
- Empowering Governance through Digital Infrastructure. Published in pib.gov.in on 15th August 2025.
- Artificial Intelligence news live: India develops AI to support its numerous languages and dialects. Published in moneycontrol.com on 12th August 2025.
- <u>How quantum technology can help pilots navigate more safely.</u> Published in uchicago.edu on 11th August 2025.
- What is germany's high-tech agenda And what does it mean for quantum? Published in thequantuminsider.com on 11th August 2025.
- Powerful form of quantum interference paves the way for phonon-based technologies. Published in phys.org on 11th August 2025.
- Wearable organic light-emitting diode is changing people's lives. Published in eurekalert.org on 11th August 2025.
- Revolutionizing textile electronics with stretchable sweat-activated yarn batteries. Published in bioengineer.org on 11th August 2025.
- NTT DATA launches global microsoft cloud unit to accelerate AI. Published in aibusiness.com on 11th August 2025.
- Commentary- digital from India: Leapfrogging development through text-enabled citizen-centric governance. Published in newsindiatimes.com on 11th August 2025.



- Explained: India's digital leap as it nears 79th Independence Day. Published in greaterkashmir.com on 11th August 2025.
- <u>Digital transformation in Indian Governance: Field innovations and future strategies.</u> Published in egov.eletsonline.com on 08th August 2025.
- The cloud rush: The rise of data centers in North Carolina. Published in techtarget.com on 08th August 2025.
- OpenAI's latest step towards advanced artificial intelligence. Published in economist.com on 08th August 2025.
- How more efficient data centres could unlock the AI boom. Published in ft.com on 07th August 2025.
- First Next-Gen GEO-Based Missile Warning Satellite successfully completes environmental testing, on track for delivery to Space Force. Published in edrmagazine.eu on 06th August 2025.
- First Next-Gen OPIR GEO Satellite Finishes Environmental Testing, Lockheed Martin Says. Published in defensedaily.com on 06th August 2025.
- <u>US firm to test environmental and social impact for oil & gas projects in Suriname.</u> Published in brazilenergyinsight.com on 06th August 2025.
- <u>Lockheed Martin's Missile Warning Satellite Successfully Completes Environmental Testing.</u> Published in designdevelopmenttoday.com on 06th August 2025.
- Quantum innovations to power LIGO-India's discoveries. Published in timesofindia.indiatimes.com on 06th August 2025.
- <u>Lunar Trailblazer</u>. Published in science.nasa.gov on 05th August 2025.
- <u>The Future of Environmental Testing: Smarter, Faster, and More Precise.</u> Published in marketsandmarkets.com on 04th August 2025.
- Building Resilient Environmental Testing Labs. Published in labmanager.com on 04th August 2025.

Mechanical Engineering Department

- Exclusive: Crescent energy nears deal for US shale peer vital energy, sources say. Published in reuters.com on 23rd August 2025.
- Energy Department to establish new consortium for nuclear fuel supply chain. Published in energy.gov on 22nd August 2025.
- Pollution: FG, UNDP train technicians in refrigeration, airconditioning safety. Published in nannews.ng on 22nd August 2025.
- Working hard to increase coal gasification: Coal & mines minister G Kishan Reddy. Published in economictimes.indiatimes.com on 21st August 2025.
- <u>Gasification tech a mismatch for India's high ash content coal: Niti.</u> Published in economictimes.indiatimes.com on 21st August 2025.



- <u>Mechanical engineering professor receives national aerospace education award.</u> Published in psu.edu on 20th August 2025.
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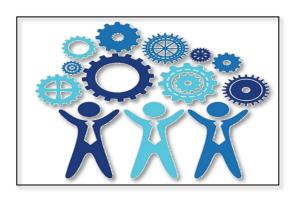
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Upcoming National & International Conferences

S. No.	Conference Details	Date	Venue	URL to access details about Conference
1	International Conference on Medical and Health Sciences	6 th -7 th September 2025	Pattaya,Thailand	<u>Details</u>
2	International Conference on Mechanical, Manufacturing, Industrial and Civil Engineering (ICMMICE)	13 th September 2025	Bhawanipatna,India	<u>Details</u>
3	International Conference on Environmental Science and Green Energy (ICESGE)	17 th September 2025	Hadapsar,India	<u>Details</u>
4	International conference on Artificial Intelligence (ICAI)	18 th September 2025	Palakka <mark>d,</mark> India	<u>Details</u>
5	International Conference on Robotics, Machine Learning and Artificial Intelligence (ICRMLAI)	19 th September 2025	Malappuram, India	<u>Details</u>
6	International Conference on Mechanical & Production Engineering	20 th September 2025	Las Vegas,USA	<u>Details</u>
7	International Conference on Chemical and Biochemical Engineering (ICCBE - 2025)	23 rd – 24 th September 2025	Luxembourg City, Luxembourg	<u>Details</u>
8	3rd International Conference on Medical, Medicine and Health Sciences(ICMMH- 2025)	27 th – 28 th September 2025	Kuala Lumpur	<u>Details</u>

New Arrivals: Books & Standards

S. No.	Description of Standards/Books	Format	Country / Place	Department	Accession Number
1	DIN EN 17425 Foodstuffs - Determination of ergot alkaloids in cereals and cereal products by dSPE clean-up and HPLC-MS/MS. (English translation)	Softcopy	German	FAD	817116/P
2	BS EN 13252: 2016 Geotextiles and geotextile-related products. Characteristics required for use in drainage systems.	Softcopy	UK	TXD	817117/P
3.	GB/T 18887-2023 Geosynthetics - Geocomposites made of woven/nonwoven geotextiles. (English translation)	Softcopy	China	TXD	817118/P
4.	FZ/T 64036: 2013 Sodium bentonite water resistant geosynthetic clay liner. (English translation)	Softcopy	China	TXD	817119/P
5.	GB/T 35470:2017 Natural sodium bentonite geosynthetic clay liner for rail transportation. (English translation)	Softcopy	China	TXD	817120/P
6.	DIN EN 18177: 2025 (Draft) Circular economy in the construction sector - Framework, principles, and definitions. (English version)	Softcopy	German	EED	817121/P

7.	AS 4586: 2013 Slip resistance classification of new pedestrian surface materials.	Softcopy	Australia	TXD	817122/P
8.	Pulp, paper and paperboard – Determination of bisphenol A in extracts from paper and paperboard	Softcopy	Denmark	CHD	817123/P
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.10	ASTM D 1556/D1556M-24 Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method (Withdrawn 2024)	Softcopy	USA	CED	817125/P
.11	ASTM D 1883-21 Standard Test Method for California Bearing Ratio (CBR) of Laboratory- Compacted Soils.	Softcopy	USA	CED	817126/P
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13.	ASTM D 2434:2022 Standard Test Methods for Measurement of Hydraulic Conductivity of Coarse-Grained Soils	Softcopy	USA	CED	817128/P
14.	ASTM D 2435-M:2011 (Rep) 2020 Standard Test Methods for One- Dimensional Consolidation Properties of Soils Using Incremental Loading	Softcopy	USA	CED	817129/P
15.	ASTM D 2850-2025 Standard Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils	Softcopy	USA	CED	817130/P

	ASTM D 5890-2025				
16.	Standard Test Method for Swell Index of Clay Mineral Component of Geosynthetic Clay Liners	Softcopy	USA	CED	817131/P
17.	ASTM D 698-12(Rep)2021 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft- lbf/ft³ (600 kN-m/m³))	Softcopy	USA	CED	817132/P
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25.	warning - Part 4: Measures.	Softcopy	China	MED	817140/P
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1	Indian Printer & Publisher	47	8	August/2025	August/2025
2	IndiFoodBev	07	3	July-August /2025	<u>August/2025</u>
3	Fiber2Fashion	08	8	August/2025	<u>August/2025</u>

Journals/Magazines available in Print

S. No.	Print Journal/Magazine Title	Volume No.	Issue No.	Month/Year	Access Mode
4	Swamy News	48	8	August/2025	Available in Print
5	The Economist	456	9458-9461	August/2025	Available in Print
6	Indian Journal of Fertilizer	21	8	August/2025	Available in Print
7	Popular Plastics and Packaging	70	8	August/2025	Available in Print
8	Construction World	27	11	August/2025	Available in Print
9	Chemical Weekly Journal	70-71	49-52 No1	July/ 2025	Available in Print

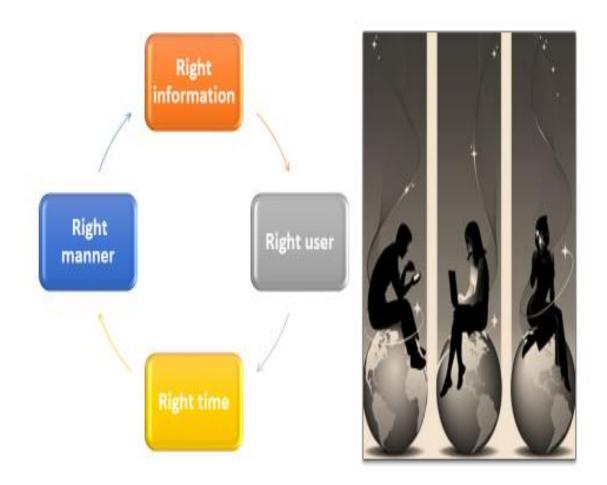
10	Electrical India	65	7	July/2025	Available in Print
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