



CEN - European Committee for Standardization
CENELEC - European Committee for Electro Technical Standardization
ETSI - European Telecommunications Standards Institute

EC - European Commission
EFTA - European Free Trade Association

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Greeting from Project SESEI 3!



Dear Readers,

We are pleased to present our fourth edition of EU Project SESEI Phase 3 Newsletter-Europe covering important news, updates and information from India.

As you may be aware, India was very much in news due to currency demonitisation by the government, which created quite a furor, however it has resulted in boosting the digitization of financial transactions and uptake of Mobile payment/e-payments.

Reading across the newsletter, you will observe that the financial budget “2017-18” has introduced a levy of additional 2% on PCBs import which will further increase the final price of the smartphones. In other words handset manufacturers [domestic or foreign] will have to pay extra duty of 2% if they import printed circuit boards (PCB) for their usage in mobile phones.

As you may be aware, “Department of Telecom, Ministry of Communication” had earlier mandated [introduction of panic button or emergency calling feature from 1st January 2017](#) and GPS from 1st January 2018, which on request from mobile phone manufacturers’ got a little relief of extension of 59 days for panic button compliance[Manufacturers allowed to import phones without panic button only until February 28, 2017].

On the CRO (Compulsory Registration Order) front, Ministry of Electronics & IT is planning to expand the product coverage under phase 3 and include items covering lights, luminaires, CCTV, VDU, Monitor, TV, UPS, adaptors, scanners, smart watches etc., industry bodies have strongly condemned the CRO process and have called it as an impediment in the way of improving the “Ease of Doing Business” index for India.

The Smart Cities mission is moving quite smoothly and projects worth INR 1,32,197 crore (Euro 18.88B) were approved between January and December 2016 in the 60 cities. The Government of India through its Ministry of Urban Development is in the process of launching 4th Stage of Smart City bidding process. This will provide an opportunity to the Urban Local Bodies at state level who couldn’t qualify earlier for the Smart City project & funding from Central Government to bid again. The government has also set aside INR 9000 crore (Euro 1.28B) for the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and Smart Cities Mission in the Financial budget.

In the Automotive sector, the government is working on many new directives and policies in view of the environmental and pollution related concerns. Few of such initiative is to introduce vehicle scrapping policy, aimed at dumping vehicles more than 15 years old and Mandatory On-road emission tests once Bharat Stage VI norm kicks in from 2020, for which testing agency Automotive Research Association of India (ARAI) is developing a unified test cycle. Similarly, Environment Pollution Control Authority (EPCA) has also directed manufacturers that all vehicles sold from April 1, 2017, should be BS IV compliant, which is further supported by the federal court. This would mean no BS-III compliant vehicle is sold or registered beyond April 1st 2017. The other major development in the automotive sector is about the National Automotive Testing and R&D Infrastructure Project (NATRiP), which is in the process of setting up six top automotive testing, validation and research & development centers across the country with an investment of INR 3,720 crore (Euro 530M).

The ICT sector is also looking a lot more promising with the Telecom subscriber base crossing 1.12 billion at the end of November 2016 report released by Telecom Regulator. With the rise in smartphone usage and increasing penetration of 4G and 3G services in India, the Internet user base is rapidly expanding and has reached a penetration of over 27% versus 50.3% penetration of China. A new study report jointly conducted by the Associated Chambers of Commerce (ASSOCHAM) and Deloitte has stated that India will have 600 million internet users by 2020 [India's internet population currently sits at 343 million]. Deloitte has also predicted that the number of units under Internet of Things (IoT) is expected to grow exponentially to 1.9 billion units in India by 2020 or about worth \$9 billion, which in other words mean IoT market size is expected to increase about 7 times—from \$1.3 billion last year to \$9 billion by 2020. Similarly, Gartner in its latest analysis stated that the IT Spending in India will reach USD 72.4 Billion in 2017. The ministry of electronics and IT have also ordered a series of measures to curb the cyber security issues, especially concerning financial transactions and hacking. A digital payment section has been created in CERT-IN, which will monitors the Internet traffic on a real-time basis given the ongoing momentum in cashless payments in the country.

Many new initiatives and projects are also on the horizon in the electrical, electronics and energy sector such as Draft National Electricity Plan which also covers details of Renewable Energy integration and a perspective for the period beyond 2022. The Indian government has also forecasted that it will exceed the renewable energy targets set in Paris last year quite early and much ahead of schedule and nearly 60 per cent of electricity will be generated from non-fossil fuels by 2027. Huge investments touching to the tune of INR 1667.99 Crores (Euro 238M) for installation of solar and INR 366.47 crores (Euro 52M) for wind energy projects have been made respectively till 31st October 2016 in different State/Union Territory's.

Other topics such as Ease of Doing Business (EoDB), Make in India and Invest India has also witnessed many new programs and schemes, which is being introduced to boost the Indian economy and further support the new vision of making India a world class economy.

We invite you to go through the newsletter and provide us with your valuable feedback. We look forward to your comments and suggestions as always.

Happy Reading once again.

Best regards,

Dinesh Chand Sharma

Seconded European Standardization Expert in India (SESEI)

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Headlines of the Quarter

Standards, TBTs & IPR

IT sector seeks Government support in view of increasing global protectionism

The IT industry has sought government support in view of the increasing global trends of protectionism and anti- globalization, during the pre-Budget consultative meeting with Finance Minister, an official statement said.

[Read more](#)

India, Britain sign MoUs on IPR, ease of doing business

India and Britain has signed memoranda of understanding (MoUs) on intellectual property rights (IPR) and ease of doing business following delegation-level talks led by Prime Ministers Narendra Modi and Theresa May.

[Read More](#)

Mobile Phones Without Panic Button Import allowed till Feb only: Department of Telecom

The Department of Telecom allowed import of mobile phones without panic button or emergency calling feature till February 28, 2017 only.

[Read more](#)

Price of Smartphones to go up: Government Imposes Additional Duty on PCBs

The price of smartphones is likely to go up as the government proposes to levy a special additional duty of 2% on a component that accounts for nearly 30% of a phone's manufacturing cost.

[Read More](#)

Update on CRO (Compulsory Registration Order) Scheme:

Ministry of Electronics & IT is planning to expand the product coverage under CRO as part of Phase 3. 16 items [items covering lights, luminaires, CCTV, VDU, Monitor, TV, UPS, adaptors, scanners, smart watches etc.] have been identified as part of this Phase 3 list.

A letter has been sent by Industry association MAIT in this regard as available [here](#).

Update on PMA (Preferential Market Access) Policy:

Ministry of Communications, Department of Telecom has issued a notification in regard to the clause 4.1 of the PMA guidelines of November 2015, covering the main inputs/stages for the telecom products in the Bill of Materials (BOM) for calculating domestic value addition.

Copy of notification is available [here](#)

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Smart Cities

CII, Australian consortium sign MoU on building smart cities

The Confederation of Indian Industry (CII) and Queensland, Australia Smart City Consortium (ASCC) has signed a Memorandum of Understanding (MoU) to help India build smart cities.

For more information Please [click here](#)

5 key elements of 100 smart cities

The Centre has prepared a blueprint to define the key elements of the 100 smart cities it plans to establish across the nation.

For more information, Please [click here](#)

Smart Cities Mission projects get off the ground: INR 1,32197 Cr (Euro 189B) proposals approved

Finance Minister has set aside INR 9,000 crore (Euro 1.29B) for the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and Smart Cities Mission, as against INR 7,296 crore (Euro 1.04B) in the last Budget.

For more information Please [click here](#)

Digital India initiatives is playing a major role in smart cities mission

Digital India initiatives and other related schemes by the government like Aadhar, digital lockers and computerization of land records etc. are gaining momentum in the country and playing a major role in the smart cities mission.

For more information Please [click here](#)

Government is planning to launch the 4th Smart City bidding process. The State Government, which has not given up on its smart city dream, is once again working on its plans to make an updated bid for the project. [Read More](#)

For more information on Smart City Mission, please [click here](#)

Automotive

The \$93 billion automotive industry contributes 7.1% to India's GDP

The automotive industry in India has been on a growth trajectory with impressive spikes in sales, productions and exports over the last two years.

For more information, Please [click here](#)

6 automotive testing, R&D centers coming up across the country

India is on the verge of creating six top automotive testing, validation and research & development centers across the country with an investment of INR 3,720 crore (Euro 531M).

For more information Please [click here](#)

On-road emission tests to become mandatory in India from 2020

On-road emission tests for vehicles plying on Indian roads will be mandatory once the Bharat Stage VI norm kicks in from 2020, for which testing agency Automotive Research Association of India (ARAI) is developing a unified test cycle.

For more information Please [click here](#)

Government is planning to draft Vehicle Scrappage Policy

The Centre would soon come out with the proposed draft vehicle scrapping policy, aimed at dumping vehicles more than 15 years old to combat pollution.

For more information Please [click here](#)

Govt. think tank "Niti Aayog" will decide fate of hyper loop transportation system

A committee under Niti Aayog would now look into the feasibility of having hyperloop transportation — where a podlike vehicle is propelled through a near-vacuum tube connecting cities at high speeds matching that of aircraft — in the country.

For more information Please [click here](#)

Not ready for BS-IV switch: Auto industry

To check toxic emissions from heavy diesel vehicles, the Supreme Court-mandated Environment Pollution Control Authority (EPCA) recently directed manufacturers that all vehicles sold from April 1, 2017, should be BS IV compliant. But Society of Indian Automobile Manufacturers (SIAM) has informed EPCA that it will be "very difficult" for firms to comply with this order.

For more information, Please [click here](#)

ICT including Services

The following Draft Indian Standards were issued for eliciting technical comment

- [LITD 11 \(11195\) /IEC 60793-1-50: 2014 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 50 DAMP HEAT \(STEADY STATE\) TESTS \(FIRST REVISION OF IS/IEC 60793-1-50:2001\)](#)
- [LITD 10/T- 37 :- Power systems management and associated information exchange – Data and Communications security Part 5 : Security for IEC 60870-5 and derivatives \(first revision\)](#)
- [LITD 10/T-35 :- Power systems management and associated information exchange – Data and Communications security Part 3 : Communication network and system security – Profiles including TCP/IP \(first revision\)](#)
- [LITD 10/T-16, 35 & 37 :- TECHNICAL COMMITTEE: LITD 10](#)
- [LITD 11 \(11199 \) /IEC 60875- 1: 2015 :- FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – NON WAVELENGTHSELECTIVE FIBRE OPTIC BRANCHING DEVICES – PART 1: GENERIC SPECIFICATION](#)
- [LITD 11 \(11193\) /IEC 60793-1-42 : 2013 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 42 CHROMATIC DISPERSION \(FIRST REVISION OF IS/IEC 60793-1-42: 2007\)](#)
- [LITD 11 \(11194 \) /IEC 60793-1-43 : 2015 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 43 NUMERICAL APERTURE MEASUREMENT \(FIRST REVISION OF IS/IEC 60793-1-43: 2001\)](#)
- [LITD 11 \(11195 \) /IEC 60793-1-50 : 2014 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 50 DAMP HEAT \(STEADY STATE\) TESTS \(FIRST REVISION OF IS/IEC 60793-1-50:2001\)](#)
- [LITD 11 \(11196 \) /IEC 60793-1-51 : 2014 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 51 DRY HEAT \(STEADY STATE\) TESTS \(FIRST REVISION OF IS/IEC 60793-1-51: 2001\)](#)
- [LITD 11 \(11198 \) /IEC 60793-1-53 : 2014 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 53 WATER IMMERSION TESTS \(FIRST REVISION OF IS/IEC 60793-1-53:2001\)](#)
- [LITD 11 \(11200 \) /IEC 60794-3-21 : 2015 :- OPTICAL FIBRE CABLES – PART 3 OUTDOOR CABLES SECTION 21 PRODUCT SPECIFICATION FOR OPTICAL SELF-SUPPORTING AERIAL TELECOMMUNICATION CABLES FOR USE IN PREMISES CABLING](#)
- [Doc. No LITD 11 \(11197 \) /IEC 60793-1-52 : 2014 :- OPTICAL FIBRES PART 1 MEASUREMENT METHODS AND TEST PROCEDURES SECTION 52 CHANGE OF TEMPERATURE TESTS \(FIRST REVISION OF IS/IEC 60793-1-52:2001\)](#)

Nasscom-DSCI (Data Security Council of India) Unveiled 10-year Cyber Security Roadmap for India

To make India a global hub for cyber security-related requirements, the IT industry's representative body Nasscom and the Data Security Council of India (DSCI) launched a detailed roadmap for the next 10 years.

For more information, Please [click here](#)

Gartner Says IT Spending in India will Reach USD 72.4 Billion in 2017

Driven by growth in software and IT services revenue, IT is spending in India is forecast to reach USD 72.4 billion in 2017, up 6.9 percent from 2016 estimated spending of USD 67.7 billion, according to the latest forecast by Gartner, Inc.

For more information Please [click here](#)

Indian Internet of Things market value to touch \$9 billion by 2020

The number of units under Internet of Things (IoT) is expected to grow exponentially to 1.9 billion units in India by 2020 or about \$9 billion, says a report.

For more information, please [click here](#)

Telecom Subscriber Base in India Crossed 1.12 Billion

Telecom subscriber base grew by 21.02 million to cross 1.12 billion at end-November 2016 on account of large number of additions by Reliance Jio.

For more information Please [click here](#)

Telecom Secretary Mr. JS Deepak is named as next ambassador to WTO

Telecom Secretary Mr. JS Deepak has been named as India's next Ambassador to the World Trade Organisation (WTO) from June this year.

For more information, Please [click here](#)

Telecom Regulator – TRAI has released consultation paper on

- a. [Net Neutrality](#)
- b. [Approach towards Sustainable Telecommunications](#)
- c. [Regulatory Principles of Tariff Assessment](#)

The release of E band to TSPs (Telecom Service Providers)

Department of Telecom is working on finalizing a comprehensive policy on backhaul spectrum or airwave that connects mobile towers with each other such as E and V Band. In this regard, FICCI ICT & Digital Economy Committee has submitted a letter.

Copy of letter is available [here](#).

Telecom regulator has recommended to shutting down of analog transmission by 2023.

The broadcast regulator TRAI has recommended introduction of digital terrestrial transmission for broadcast services in a phased manner and complete shutdown of analog transmission by end of 2023.

For more information, Please [click here](#)

Ministry of Electronics & IT has mandated reporting of cyber incidents mandatorily for specific types.

In view of the several hacking incidents in the country by the so-called hacker group 'Legion', the ministry of electronics and IT has ordered a series of measures including audit of the financial sector starting immediately with the National Payment Corporation of India (NPCI),

For more information, Please [Read more](#) and for the copy of notification please click [here](#)

Department of Telecom (DoT) has announced the revised Right of Way policy

The guidelines, likely to be notified in a couple of days, propose that a RoW permit would have to be granted within 60 days of application. In case of rejection, a reason would have to be given in writing.

For more information, Please [Read more](#) Copy of Notification please click [here](#)

Report on “Medium Term Recommendation to strengthen Digital Payment Ecosystem” in the country.

The Committee on Digital Payments, headed by former Finance Secretary Ratan P. Watal, submitted its final report suggesting measures to boost cashless transactions in the medium term, to Finance Minister on Friday, an official statement said. [Read more](#)

Report copy is available [here](#).

DoT has moved a proposal for allowing Wi-Fi services in flights.

A proposal for allowing in-flight wi-fi services has been moved by the Department of Telecom (DoT), Union Civil Aviation Minister has said, even as he made it clear that no instructions have been issued to local airlines to make preparations in this regard.

For more information please [click here](#)

India's internet population to reach 600 million by 2020: ASSOCHAM-Deloitte study

By 2020, India will have 600 million internet users, according to a study conducted jointly by the Associated Chambers of Commerce (Assocham) and Deloitte. India's internet population currently sits at 343 million.

For more information Please [click here](#)

Electrical Equipment including Consumer Electronics

The following Draft Indian Standards were issued for eliciting technical comments for Electro Technical Sector at BIS:

- [ETD 33 \(11392\) :- Specification for Particular Types of Winding Wires - Part 50 Glass-fibre wound silicon resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200](#)
- [ETD 33 \(11391\) :- Specification for Particular Types of Winding Wires - Part 49 Glass-fibre wound high temperature resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180](#)
- [ETD 33 \(11389\) :-Specification for Particular Types of Winding Wires - Part 39 Glass-fibre braided resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180](#)
- [ETD 33 \(11396\) :- Winding Wires - Test Methods: Part 6 Thermal Properties](#)
- [ETD 33 \(11393\) :-Specification for Particular Types of Winding Wires - Part 53 Aromatic polyimide \(aramid\) tape wrapped rectangular copper wire, temperature index 220](#)
- [ETD 33 \(11395\) :- Winding Wires - Test Methods: Part 4 Chemical Properties](#)
- [ETD 33 \(11390\) :-Specification for Particular Types of Winding Wires - Part 48 Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155](#)
- [ETD 28\(11431\):- Battery Charge Controllers For Photovoltaic Systems – Performance And Functioning IEC 62509 :2010](#)
- [ETD 28\(11432\):-Junction boxes for photovoltaic modules – Safety requirements and tests \(IEC 62790:2014\)](#)
- [ETD 02 \(11435\) :-Draft Amendment No. 2 March 2017 to IS 1576: 1992 SOLID PRESSBOARD FOR ELECTRICAL PURPOSES – SPECIFICATION](#)
- [ETD50 \(11294\): - GUIDELINES FOR 48V ELVDC DISTRIBUTION SYSTEM](#)
- [ETD 13\(11300\) :- a.c. Static Watthour Meters Class 1 And 2 – Specification \(Second Revision\)](#)
- [ETD 11 \(11295\) :- Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance – Specification \(First Revision\)](#)
- [ETD 33 \(11299\) :-Specification for Particular Types of Winding Wires - Part 28 Polyesterimide enamelled rectangular copper wire, class 180](#)
- [ETD 33 \(11298\) :- Specification for Particular Types of Winding Wires - Part 27 Paper tape covered rectangular copper wire](#)
- [ETD 42\(11307\) :-Wind Turbines – Part 25-5: Communications for monitoring and control of wind power plants – Conformance testing](#)

- [ETD 42\(11306\):- Wind Turbines – Part 25-3: Communications for monitoring and control of wind power plants – Information exchange models](#)
- [ETD 42\(11305\) :- Wind Turbines Part 25-2: Communications for monitoring and control of wind power plants –Information models](#)
- [ETD 42\(11304\):- Wind Turbines – Part 25-1: Communications for monitoring and control of wind power plants – Overall description of principles and models](#)
- [ETD 42\(11303\) :- Wind Turbines – Part 22: Conformity testing and certification](#)
- [ETD 42\(11302\):- Wind Turbines – Part 2: Small Wind Turbines](#)
- [ETD 33 \(11314\) :- Specification for Particular Types of Winding Wires - Part 31 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180](#)
- [ETD 33 \(11315\) :- Specification for Particular Types of Winding Wires - Part 32 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155](#)
- [ETD 33 \(11316\) :- Specification for Particular Types of Winding Wires - Part 33 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200](#)
- [ETD 22 \(11354\): - Explosive atmospheres Part 14: Electrical installation, selection and erection](#)
- [ETD 43 \(11317\) :- Determination of certain substances in electrotechnical products – Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography–mass spectrometry \(GC-MS\)](#)
- [ETD 36 \(11372\) :- Live working – Guidelines for the installation and maintenance of optical fiber cables on overhead power lines](#)
- [ETD 36 \(11371\) :- Live working – Insulating foam-filled tubes and solid rods – Part 1: Tubes and rods of a circular cross-section \(second revision\)](#)
- [ETD 36 \(11367\) :- Live working Electrical insulating sleeves \(first revision\)](#)
- [ETD 43 \(11321\): - Definition of „Low-Halogen“ for electronic products](#)
- [ETD 43 \(11320\) :- Guidance on material efficiency considerations in environmentally Conscious design of electrical and electronic products](#)
- [ETD 43 \(11319\): - Environmental standardization for electrical and electronic Products and systems – Glossary of terms](#)
- [ETD 43 \(11318\) :- Determination of certain substances in electrotechnical products – Part 7-1: Hexavalent chromium – Presence of hexavalent chromium \(Cr\(VI\)\) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method](#)
- [ETD 33 \(10384\) :- Specification For Particular Types Of Winding Wires - Polyester Enamelled Round Aluminum Wire, Class 155](#)

- [ETD 06 \(11174\) :- Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems](#)
- [ETD 06 \(11162\) :- Insulated bushings for alternating voltages above 1 000 V](#)
- [ETD 06 \(11173\) :- Radio interference test on high-voltage insulators](#)
- [ETD 06 \(11163\) :- Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1 000 V](#)
- [ETD 06 \(11165\) :- Insulators for overhead lines with a nominal voltage above 1 000 V – Ceramic or glass insulator units for a.c. systems – Characteristics of insulator units of the cap and pin type](#)
- [ETD 06 \(11166\) :- Insulators for overhead lines with a nominal voltage above 1 000 V Part 1: Ceramic or glass insulator units for a.c. systems – Definitions, test methods and acceptance criteria](#)
- [ETD 06 \(11167\) :- Insulators for overhead lines with a nominal voltage above 1 000 V Part 2: Insulator strings and insulator sets for a.c. systems – Definitions, test methods and acceptance criteria](#)
- [ETD 06 \(11168\) :- Dimensions of clevis and tongue couplings of string insulator units](#)
- [ETD 06 \(11170\) :- Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V](#)
- [ETD 06 \(11172\) :- Hollow pressurized and unpressurized ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1 000 V](#)
- [ETD 11\(11182\) :- Draft Amendment no. 2 to IS 13568: 1992 LEAD ACID LIGHT WEIGHT STORAGE BATTERIES FOR MOTOR CYCLES AND SIMILAR VEHICLES FITTED WITH AC CIRCUITRY - SPECIFICATION](#)
- [ETD 33 \(11217\) :- Specification for Particular Types of Winding Wires - Part 0: General requirements, Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire](#)
- [ETD 33 \(11216\) :- Specification for Particular Types of Winding Wires - Part 0: General requirements, Section 2 Enamelled rectangular copper wire](#)
- [ETD 33 \(11215\) :- Specification for Particular Types of Winding Wires - Part 0: General requirements, Section 1 Enamelled round copper wire](#)
- [ETD 33 \(11219\) :- Specification for Particular Types of Winding Wires - Part 2 Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer](#)
- [ETD 33 \(11218\) :- Specification for Particular Types of Winding Wires - Part 1 Polyvinyl acetal enamelled round copper wire, class 105](#)
- [ETD 33 \(11220\) :- Specification for Particular Types of Winding Wires - Part 4 Solderable polyurethane enamelled round copper wire, class 130](#)
- [ETD 30\(10785\) :- Surge arresters –Part 9: Metal-oxide surge arresters without gaps for HVDC converter stations \[IEC 60099-9 \(2014\)\]](#)

Consumer electronics to grow at a compounded annual growth rate of 9.5% from 2015 till 2021

Industry currently employs 1.52 lakh people, there is still a wide gap between required and available workforce which might threaten the pace of growth.

For more information Please [click here](#)

Government Released INR 1667.99 Crores (€ 225M) and INR 366.47 Crores (€ 49M) for Installation of Solar and Wind Energy Projects

The total installed capacity in the country from solar power was 8727.64 MW and from wind power was 28279.40 MW as on 31.10.2016.

For more information, please [click here](#)

Solar Energy Corporation of India Ltd to Launch 1000 MW Rooftop Solar PV Scheme

Solar Energy Corp. of India of the Ministry of New and Renewable Energy has recently launched a tender of 1000 MW capacity for development of grid-connected rooftop solar capacity for Central Government Ministries/Departments.

For more information, please [click here](#)

Draft National Electricity Plan for 2017-2022:

The Draft National Electricity Plan (Vol-I: Generation & Vol-II: Transmission) has been prepared by CEA (Central Electrical Authority). It covers a review of the plan for 2017-2022 In detail along with details for Renewable Energy integration and a perspective for the period beyond 2022. For more information on Vol-1:Generation please [click here](#) and for Vol-II: Transmission please click [here](#)

Measures relating to Safety and Electric Supply Regulations, 2010

The draft track changed/updated regulation is available [here](#)

Central Electricity Authority have kick started amendment to [Technical Standards for Connectivity to the Grid.](#)

Copy of proposed amendments are available [here](#)

The IT and electronics ministry have revised its flagship incentive scheme MSIPs (Modified Special Incentive Package Scheme) for electronics manufacturing, with an aim to further boost local production.

The IT and electronics ministry will take a reworked flagship incentive scheme for electronics manufacturing to the Cabinet for approval in the next few days, with an aim to boost local production, a top official said

Details on suggested amendments are available [here](#)

R&D and Innovation

India's R&D Market to Reach USD38 Bn by 2020: Study

The R&D spend by global top 500 R&D spenders (G500) is growing consistently at 1.5 percent over the last two years with focus on building *digital* first R&D organizations,

For more information please click [here](#)

Govt. launches India Innovation Index to rank States

To make India an innovation-driven economy, NITI Aayog, Department of Industrial Policy & Promotion (DIPP) and Confederation of Indian Industry (CII) together launched today a mega initiative "India Innovation Index"

For more information, please [click here](#)

Health care and waste management solutions emerge as winners in Intel & Dept. of Science & Technology (DST) – Innovate for Digital India Challenge 2.0

Challenge 2.0, the second edition of the Intel & DST Innovate for Digital India Challenge, is a platform for end-to-end hardware product innovation that identifies and incubates homegrown entrepreneurial solutions that address India's indigenous issues.

For more information Please [click here](#)

Volvo collaborates with IISc for enhanced research in Indian automotive industry

The Indian Institute of Science has signed a memorandum of understanding with Volvo Group India to enhance research in the field of transportation and automobiles

For more information Please [click here](#)

Automotive Research Association of India (ARAI) Reveals Autonomous Car Prototype

The self-driving prototype car is capable of performing basic functions such as overtaking a stationary vehicle, moving on a smooth road and turning left or right. A team of 20 people from ARAI and Cognizant worked on this project.

For more information, please [click here](#)

Government to fund up to 60 percent R&D cost for e-vehicles.

The government, which considers electric mobility as an alternative to cut pollution and boost its 'Make in India' initiative, expects low-cost electric technology to help replace petrol and diesel-run vehicles, which are currently used as public transport

For more information Please [click here](#)

Manufacturing / Make in India

Is India The New Mobile Manufacturing Hub?

Mobile production in India has already crossed the 100-million-units mark, and is set to touch 500 million in the next two years. Thanks to the 'Make in India' initiative propelled by Prime Minister.

For more information, please [click here](#)

Govt. approve INR 10000 crore (1.4B Euro) incentive for electronics manufacturing

The government's approval of INR 10,000 crore (1.4B Euro) incentive by March 2018 for electronics manufacturing in India has brought the industry closer its goal of 'net zero imports' in electronics by 2020.

For more information Please [click here](#)

The Central government plans to set up 18 electronics manufacturing clusters in 400 towns and cities.

Union Electronics and IT Minister said that the country's electronics manufacturing market would be of USD 400 billion by 2020 and the government is focusing on domestic production of technology products.

For more information, please [click here](#)

Govt. has approved the expansion of the mandate of Delhi Mumbai Industrial Corridor Project Implementation Trust Fund and re-designated it

The National Industrial Corridor Development & Implementation Trust (NICDIT) has been accorded permission to utilize financial assistance already sanctioned and an additional amount of INR 1,584 crore has been sanctioned within the extended period up to 31 March 2022.

For more information, Please [click here](#)

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Energy Efficiency – Environment

India's energy efficiency market at INR 1.6 lakh crore (€ 21.62B): World Bank

The renewed DSM market potential is envisaged to deliver 178 billion units of electrical energy savings per annum that roughly translates into 18-20 % of the current levels CO2 emissions reduction potential.

For more information Please [click here](#)

Indo-Swiss building energy efficiency project extended to 2021

Switzerland and India have inked a pact to extend the Indo-swiss Building energy efficiency project by 5 years till 2021, based on successes achieved by the project in the first phase.

For more information Please [click here](#)

India plans nearly 60 per cent of electricity capacity from non-fossil fuels by 2027

The Indian government has forecast that it will exceed the renewable energy targets set in Paris last year by nearly half and three years ahead of schedule

For more information Please [click here](#)

Govt. Think Tank “Niti Aayog” to rank states on energy efficiency

India’s policy think -tank, Niti aayog will soon rank states on the basis of energy efficiency, a move which will help India achieve its International commitment of lowering energy consumption.

For more information Please [click here](#)

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EU-INDIA/Trade-FTA/Investments**WHO settles India, EU medicine dispute**

In a significant victory for the global access to medicines campaign, the World Health Organization (WHO) has dropped the term ‘counterfeit’ and retained ‘falsified’ to describe medicines of inferior quality.

For more information, please [click here](#)

India joins forces with EU for Skill India Mission

In a major push for Prime Minister ‘Skill India’ mission, skill development experts from across India and Europe have joined hands to find ways in which Europe can contribute in providing skill training to Indian youth.

For more information, please [click here](#)

India and the European Union: A Green Partnership

India and the European Union hold an annual Energy Panel Meet since 2005 under the Joint Action Plan and the 2016 Declaration is an attempt to take the commitments adopted under the 2012 Joint Declaration for Enhanced Cooperation on Energy between the EU and India, to a broader and higher level.

For more information [click here](#)

EU’s International Urban Cooperation (IUC) Program to Work with Indian Cities

India will be part of a global movement led by cities from across the world to boost the country's systemic urbanization efforts through the AMRUT mission or the smart cities project.

For more information [click here](#)

Cabinet approves MoU between India and United Kingdom (UK) for Cooperation in the Field of Intellectual Property.

The Union Cabinet chaired by the Prime Minister has given its ex-post facto approval to the MoU between India and United Kingdom (UK) for Cooperation in the Field of Intellectual Property (IP).

For more information [click here](#)

Cabinet approves MoU between India and United Kingdom (UK) to support Ease of Doing Business in India

The Union Cabinet chaired by the Prime Minister has given its ex-post facto approval to the MoU between India and United Kingdom (UK) to support Ease of Doing Business in India

For more information [click here](#)

The commerce ministry has floated a concept paper inviting self-registration of companies seeking to ship manufactured goods to the EU.

For more information [click here](#)

Cabinet approved signing of MoU between India and Portugal in the field of agriculture and allied sectors.

For more information [click here](#)

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Invest India

India aims to join top 50 in World Bank's ease of business ranking

Disappointed with the one-position rise in the World Bank's ease of doing business ranking this year, India is aiming for a quantum leap of 80 spots next year.

For more information [click here](#)

Big changes by Govt. will allow you to start a business in 6 days

In a major push by the Government to improve ease of doing business in India, by March-end you will be able to start a business in India in six days, compared to the current 26 days.

For more information [click here](#)

Parliamentary Panel proposes for shifting fiscal year to January-December

India should shift to the January- December financial year by ending the decades old tradition of April-March fiscal introduced by the British, a Parliamentary Panel said today.

For more information, Please [click here](#)

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Ease of doing business

Government has disbanded FIPB (Foreign Investment Promotion Board) to further improve ease of doing business

Disbanding FIPB (Foreign Investment Promotion Board) will further improve ease of doing business and the respective regulators of the ministries concerned are "sufficient" to take care of investment proposals said by Commerce and Industry Minister.

For more information please [click here](#)

Government takes 8 steps to push up India's 'Ease of Doing Business'

In its bid to improve the country's ranking in the World Banks report on Ease of Doing Business, the government has announced several measures, including an eBiz portal being made mandatory for starting a business, to be implemented by January.

For more information, please [click here](#)

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Events:

Network Virtualization & SDN India conclave: On 3rd May 2017 at Sahara Star, Mumbai.

In India – NFV & SDN is the future of Network & critical for transformation of Telco & enterprise network for equipping CTO's & CIO's to offer business benefits such as improved network availability, better security, scalability, asset light, agility, cost efficiency as well as better use of operational resources by overcoming their challenges.

For more information [please click here](#)

3rd Smart Cities India 2017 Expo: On 10-12 May 2017 at Pragati Maiden, New Delhi.

Developing citizen friendly and economically viable cities is an urban initiative by the Government of India. Cities are engines of economic growth, and it is anticipated that 40% of India's population will live in cities by 2030.

With the rapid rise in the proportion of people living in urban areas, there is an increasing requirement for sustainable cities. Recognizing smart cities as an important platform to drive progressive change, the 3rd Smart Cities India 2017 expo will be supported by 4 other co-located expos to create "One Mega Event".

For more information [please click here](#)

5G India 2017: On 12 May 2017 at The Hotel Lalit, New Delhi

5G is not just Mobile Broadband for delivering higher bandwidth per user with lower latency but promises to be much more than that. 5G is expected to usher in the next level of IP growth across all the layers in the network which was started by 4G/LTE. Cloud adoption & virtualization is also disrupting the network construct to deliver newer applications and services. With these developments, 5G also envisages to bring in unimaginable use cases, in addition to supporting the existing ones with improved performance. Proliferation of sensors leads to smart vehicles, smart appliances and many more such smart elements is driving Machine to Machine (M2M) communication and Internet of Things (IoT) across multiple industry verticals.

For more information [please click here](#)

ASSOCHAM's Electronics Manufacturing Conference: On 31st May 2017 at prominent hotel in New Delhi.

To make India a global player in the field of Electronics Manufacturing and to offset disabilities faced by industries for reliable infrastructure, Electronics Manufacturing Clusters (EMC) scheme was notified to provide support for creation of world-class infrastructure for attracting investments in the Electronics Systems Design and Manufacturing (ESDM) Sector.

For more information [please click here](#)

EAI International Conference on Ubiquitous Communications and Network Computing, (UBICNET): On August 3–5, 2017 at Amrita School of Engineering Bangalore, India.

The event is endorsed by the European Alliance for Innovation, a leading community-based organisation devoted to the advancement of innovation in the field of ICT. All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries. Proceedings are submitted for inclusion to the leading indexing services: EI, ISI Thomson's Scientific and Technical Proceedings at Web of Science, Scopus, CrossRef, Google Scholar, DBLP, as well as EAI's own EU Digital Library (EUDL).

For more information [please click here](#)

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Indian rupee

The Indian numeral system is based on the decimal system, with two notable differences from Western systems using long and short scales. The system is ingrained in everyday monetary transactions in the Indian subcontinent.

Indian semantic	International semantic	Indian comma placement	International comma placement
1 hazar	1 thousand	1,000	1,000
10 hazar	10 thousand	10,000	10,000
1 lakh	100 thousand	1,00,000	100,000
10 lakhs	1 million	10,00,000	1,000,000
1 crore	10 million	1,00,00,000	10,000,000
10 crores	100 million	10,00,00,000	100,000,000
100 crores	1 billion	100,00,00,000	1,000,000,000

Conversion applied above at 1 Euro = 70 INR and for more information please [click here](#)

About Project SESEI 3

SESEI stands for “Seconded European Standardization Expert in India” and is a 5-partner’s project based in New Delhi, India, with the objective to increase visibility of European standardization and promote EU/EFTA-India cooperation on standards and related issues. The Project is managed by the European Telecommunications Standards Institute (ETSI), a European Union recognized Standards Organization, and is further supported by the other two other recognized EU Standards Organizations CEN and CENELEC. The other two partners to this Project are the European Commission and the European Free Trade Association. It is a Standardization focused project, with a priority emphasis on the following sectors: ICT, Automotive, Electronic Appliances including Consumer Electronics and Smart Cities etc.

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CENELEC - European Committee for Electro Technical
Standardization

www.cenelec.eu

ETSI - European Telecommunications Standards Institute

www.etsi.eu

EC - European Commission

www.ec.europa.eu

EFTA - European Free Trade Association

www.efta.int