

# THE CIVIL ENGINEER

E-NEWSLETTER Volume-VI 4<sup>th</sup> Quarterly [Issue] October-December, 2015



**The Institution of Civil Engineers (India)**

# The Civil Engineer

E-NEWSLETTER

Volume -VI [4<sup>th</sup> Quarterly Issue] October-December, 2015

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## IN THIS ISSUE...

- From the Editor in-Chief's Desk : 1
- From the Editor's Pen : 2
- Make In India' – Big Boost To Industry & Employment : 3-4
- 14 Infrastructure Projects in India That Are Nothing Short of Engineering Marvels : 5-7
- 40,000m<sup>2</sup> Building in Amsterdam Rated as World's Most Sustainable Office Building by BRE : 8
- Add to your Vocabulary : 9
- Partners to conduct Practicals & Submission of Project Reports (AICTE approved Institutions in different States/Cities) : 10-16
- Professional Vistas : 17-18
- Snippets : 19-23
- Alumni....A Lifelong Relationship! Keep it alive ! : 24-25
- Photo Gallery : 26

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**Chairman of the Institution**  
**Dr. S. L. Swamy**



## From the Editor-in-Chief's Desk

Dear Readers

As we come closer to the year end we are confronted with different feelings. On the one hand we feel happy over the year spent with all the good work done and with our new learning, which has added to our caliber and experience, on the other a feeling of uncertainty also takes place as to how the New Year would be. What has it stored for us as the future is unseen? But what is seen our endeavor, our will power, and our priority to look at the brighter side of things, an attitude which helped us to grow and make a place in the Society. We have to resolve to keep that spirit high in order to surmount all the impediments which may block our way to progress. This is the "mantra" which I would like to share and want you to imbibe.

Always keep in mind that past is over and the future is unseen. But we have to build the future on the foundation of present with all hopes and aspirations and not to be dissuaded by the speed breakers of our journey to reach our goal.

The second half of the year 2015 as usual is more eventful than the first one. This is so as 15th September is dedicated as "Engineers Day" which is celebrated every year with added zeal and gusto. This year's Engineers day had both the National Seminar on "Role of Civil Engineers in Make In India" and the 5th Convocation to award final pass certificates to the successful candidates. In order to contribute in the women

empowerment, we have instituted two Awards from this year to acknowledge the Academic Excellence of our Female candidates i.e. (i) "Smt. Gyani Devi Memorial Award" for Academic Excellence in Associate Membership Examination. "Sh. Kashi Ram Memorial Award" for Academic Excellence in T. Engg. Examination.

This year's another feather of the celebration was "ICE(I) Expo" on a large scale in which many reputed organizations from Public/Private sector participated. The candidates of ICE(I) gained a lot to support their professionalism and overall well-being through the exposure which they got. This will result in long-lasting benefits for the Civil Engineering community and increase professionalism in their respective organizations, which will definitely reap dividends too.

It was on the occasion of the Engineers Day Celebrations, the Chief Guest Mr. Nihal Chand, Hon'ble Minister of State Ministry of Panchayati Raj, Govt. of India inaugurated the National Seminar and Mr. Manoj Tiwari, Hon'ble M.P. (Lok Sabha) was the Guest of Honour at the event held at New Delhi.

Prof. Nupur Prakash, Vice-Chancellor Indira Gandhi Delhi Technical University for Women was the Chief Guest at the 5th Convention of ICE(I).

This issue of the Newsletter contains usual features to provide you additional input for your professional growth.

I take this opportunity to wish you a very happy and prosperous New Year. Let the year 2016 surpass the previous ones and you enjoy what you would have longed for!

**Dr. S.L.Swamy**  
Chairman

*Step boldly into the future as you dream it, for without Great risks there can be no great rewards.*



## From the Editor's pen

Dear Readers

We shall soon be bidding farewell to the year 2015 ushering in Leap year of 2016. Greetings shall be exchanged profusely amongst the kiths & kins, friends, colleagues, relatives, wishing Happy & Bright Future. How far is this sincere or mere lip sympathy! It is a million dollar nebulous question.

Hope not only shows you silver lining but also gives you the confidence to wake up, get up and get going until you get the chance to say "Hurrah". Hope is the tool that injects in you to honestly aspire for anything that seems thus far impossible to achieve. That is why it is said "Hope is the physician for each misery". The words of Vivekananda always inspire us when he says "Arise, awake, and stop not till the goal is reached".

We all know that the Civil Engineering profession touches almost every aspect of our lives and gives ample opportunity to make significant contribution for the betterment of the Society. The quality of life of a civilization is based on the Foundation of Civil Engineering. As a matter of fact infrastructural development has become synonymous with the progress of the nation. Infrastructure is considered as the foundation on which the Nation grows and moves.

The present day Civil Engineers have to go beyond the required technical competencies as they have to transform themselves to meet the challenges of tomorrow. They must stay abreast of changing technologies, market trends and business development to lead the transformation into tomorrow to improve the quality of life.

Civil Engineers have to play significant role so that India feels proud to provide world class infrastructure and the myth of its being under developed or developing nation turns into a developed nation standing in the front row along with other developed nations with edge over others. How this will be possible, Civil Engineers should think about the ways and means to realize the "Make in India" dream.

Wish you all a very happy and prosperous New Year 2016! God bless!

Happy Reading!

**Prithipal Singh**  
**Secretary General**

*The ticking off the clock connects our life like a dot -to-dot picture as we move from minute to minute.*

## 'Make In India' – Big Boost To Industry & Employment

Launch of the 'Make in India' campaign to attract foreign investments and boost the manufacturing sector of India has been timed to perfection. It comes a day after India's indigenously manufactured satellite Mangalyaan was successfully put in the Martian orbit, showing to the world the progress India has made in manufacturing processes, technology, science and innovation. 'Make in India' is intended to provide a major fillip to India's manufacturing industry which currently contributes about 15% of the national GDP.

The Prime Minister released a brochure with all the information that will be required by investors about 25 key sectors in India. The brochure carried the newly designed 'Make In India' logo which has been inspired by the Ashoka Chakra and the lion.

### Here are some of the key takeaways at the launch ceremony.

- Trust and confidence in the government and policymakers have been lost. These need to be regained.
- We do not want to see any company or enterprise leave India due to business constraints.
- An environment of trust will convince industry leaders of the government's commitment to developing industry
- FDI is a responsibility for the people and an opportunity for the global investors; FDI for Indians should be "First Develop India" and Foreign Direct Investment for the investors.
- Only when India moves away from poverty will purchasing power in the country increase and when this

happens the country will start to bloom as a grand huge market for industries.

- The movement away from poverty will come from increase in employment; employment will come only when we start developing the manufacturing sector in India.
- Investors are not attracted by incentives; investment will be attracted only by friendly policies and a secure environment.
- Ease of business is important for development; India has slipped low in the list of countries in terms of ease of doing business
- Scrutiny and red tape should not create barriers for development; simplification of processes should be the focus and redundancy done away with
- The world is looking to invest in Asia, particularly in Asian democracies, and in places with high demand – India fits the bill perfectly.
- Effective governance is a key factor in attracting investors; the government needs to reassure investors of its effectiveness in promoting business and industry.
- Skilled manpower mapped to the natural potential and creation of sustainable growth will be the focus of 'Make in India'.
- Private-public partnership must be the basis of skills development in the country

- It is the government's responsibility to facilitate the creation of an environment conducive to development.
- 65% population of the country is less than 35 years of age – there is immense manpower. After the indigenous development of Mangalyaan, India's talent and skills too cannot be questioned.
- Digital India is the crux of effective governance; if this is not achieved, the governance and society will stay divergent. Ease of governance will come only with use of technology.
- For years we have been emphasizing on Look East; only when we link West to this will we develop.
- There are numerous opportunities in manufacturing and to develop this sector we will require a whole new world of infrastructure – from highways to I(nformation) ways, gas, water pipelines, ports, and a lot many more.
- This government does not have a political agenda; it is dedicated to development as an article of faith.
- The life and destiny of India can and will be changed for the better.
- May Indian companies become multinational organizations but only when they grow and develop with India.
- Only when the Centre and the state governments work together in tandem can India's true development potential be tapped into; development of states is the development of the country.
- 'Make in India' is our responsibility; may India garner strength with this mission.
- The 'Make in India' campaign is dedicated to Pandit Deendayal Upadhyaya, the patriotic thinker and philosopher

## 14 Infrastructure Projects in India That Are Nothing Short of Engineering Marvels

From the environment-friendly Chandigarh airport to the modern Delhi metro, from extraordinary solar projects to stellar freeways and tunnels, here is a list of 14 engineering marvels in India that have set a benchmark for other infrastructure projects to follow.

India has a great heritage in architecture and design. And, since independence, the country has made major advances in engineering too. Be it a tunnel in the treacherous mountains or the amazing metros that connect lakhs of commuters everyday, our talented countrymen have designed and executed some amazing projects that deserve to be recognized and applauded.

Here are 14 amazing infrastructural projects in India that make us super proud.

### World-Class, Eco-Friendly Airports

Cochin airport created news when it became India's first airport to run on solar power in August 2015. The airport has photovoltaic (PV) panels laid across 45 acres near the cargo complex. The airport can avail 50,000 to 60,000 units of electricity per day through these panels which is sufficient for all its functions. This has technically made the airport "absolutely power neutral." The implementation of this 12MWp solar power project cost Rs. 62 crore and took six months to complete. It has been set up by Bosch Ltd., Bangalore, and has a capacity to produce 18 million units of power annually.

The recently constructed Chandigarh international airport at Mohali is the first airport in the country that is 'totally green'. Spread over 53,000 sq. m, the airport has used environment-friendly green technologies that makes it one-of-its-kind, not only in India, but also in the world. The airport is constructed in a way that no artificial lights would be required to illuminate it during the

daytime. It also has a transparent façade with low heat-gain glass which reduces the need for a large amount of air conditioning. The rooftop of the terminal has a 200KW solar plant which is enough to meet the major power needs of the building. Forty percent of the airport is illuminated with LEDs and the air-conditioning is fired by chiller efficient machines.

### Magnificent Metro Projects

Starting with the first metro being built in Kolkata in 1984, metros have become lifelines in some of the major cities in India. The Delhi metro started its operations in 2002 and is one of the most disabled-friendly public places in the country, with all stations equipped with ramps, low level control panels in the lifts, and buttons in Braille. With 208 trains serving 140 metro stations, it is the first metro rail and rail-based system in the world to get "carbon credits for reducing greenhouse gas emissions."

Named one of the top 100 strategic global infrastructure projects at the Global Infrastructure Leadership Forum held in New York, the Hyderabad Metro Rail project will be the the world's largest project under public-private partnership. It is also the world's largest elevated metro and is expected to provide transportation to over 1.7 million commuters by 2017.

### Neemuch Solar Power Plant, Madhya Pradesh

Located at Diken in Neemuch district of Madhya Pradesh (MP), it is Asia's largest solar power plant. This 151 (DC)-megawatt solar photovoltaic power project by Welspun Energy, India's largest private solar project developers, is set up on an 800-acre site. The plant will address the power needs of 6.24 lakh homes in MP on completion.



### Yamuna Expressway

The expressway which connects New Delhi with Agra is India's longest motorway. This 165 kilometer, six-lane expressway was opened in 2012 and has dramatically reduced the travel time between the two cities; it now takes only a little over two hours to get from Delhi to the Taj Mahal. The project was featured in the list of world's top 100 innovative infrastructure projects, prepared by KPMG.

### India's First Solar Park at Charanka Village in Gujarat

This group of solar parks constructed in Gujarat makes the state Asia's largest solar park hub. Spread across 5,000 acres, with a capacity of 500 MW, the park can generate both solar and wind energy. Operational since 2013, it hosts 19 different projects by different developers, including Alex Astral, US-based Sun Edison, Lanco Solar, Roha Dyechem, and GMR .

### Amazing Airport Terminals

The Indira Gandhi International Airport was ranked the world's best airport in handling 25-40 million passengers per annum category by ACI 2014 and is South Asia's largest aviation hub. The recently constructed T3 Terminal has added to the glory of IGAI. The terminal has a capacity to host 34 million passengers annually and is the 24th largest building in the world. Not only this, it also has India's first automated parking management and guidance system in a seven-level car parking area which can accommodate 4,300 cars.

Mumbai's T2 terminal, with a four-storey building and a capacity to handle 40 million passengers annually, is also nothing short of extraordinary. It also has the country's largest airport escalator at 11.6 meters. The car parking can accommodate 5,200 cars and the steel used to build the roof of the terminal is enough to construct two Eiffel Towers.

### GIFT City, Gujarat

Gujarat International Finance Tec-City (GIFT) is an under-construction central business

district between Ahmedabad and Gandhinagar that will be a major financial hub. The Rs. 600,000 crore project will host corporate and regional offices of companies, a trade centre, housing colonies, and a centre for the domestic financial sector. It is expected to create over 10 lakh new jobs in 10 years. Organizations like International Monetary Fund (IMF) and agencies of United Nations are expected to open offices here. GIFT city is designed to be eco-friendly – it will use an energy-efficient district cooling system instead of air-conditioning.

### Ahmedabad and Indore BRTS

The Bus Rapid Transit System of Ahmedabad is a planned commuting system with reduced emissions and improved air quality. It is also referred to as a model urban transport system. Started as a pilot project over a distance of 12.5 kms, it now covers 51 kms. Around 22 percent of commuters who used two wheelers earlier have now started using BRTS. The project ran free of cost for the first three months of operation.

Another BRTS service which is worth mentioning is Indore's BRTS which has been built on the pattern of Ahmedabad BRTS. This project too offered free rides to the commuters in the initial phase. The project has 16 buses that operate on 10 lines. The buses have a frequency of every 15 minutes on every stop. Smart cards are used for fare collection.

### Mumbai's Eastern Freeway

India's second largest flyover, Mumbai's Eastern Freeway, is an amazing piece of engineering and design. It connects P D'Mello Road in South Mumbai to the Eastern Express Highway (EEH) at Ghatkopar. The 16.8 km long freeway became operational in June 2013 and is believed to support over 25,000 vehicles daily. Commuters can enter the flyover from eight points. Also, the flyover has enabled commuters to enjoy the 20 minutes road journey from CST to Chembur.

### Banihal-Qazigund tunnel

The tunnel that connects Bichleri Valley of

Banihal with Qazigund area of Kashmir Valley is India's longest railway tunnel. It is also the second longest tunnel in Asia. The tunnel, which became operational in June 2013, is 11 kms long and is located in the Pir Panjal mountain range. The ambitious and difficult project took seven years to complete with the hard work of 150 engineers and 1,300 workers. The USP of the tunnel is the use of the New Austrian Tunnelling Method (NATM) of construction. The project cost was around Rs. 1,700 crore.

### Interceptor Sewage System

Yamuna river's sad state is not news. Delhi Jal Board (DJB) has come up with a solution to keep the river clean by implementing the Interceptor sewage system on three major drains – Najafgarh, Supplementary and Shahadra drains. This Rs. 1,357 crore project diverts the sewage to treatment plants so that the river's water can be used for other purposes like horticulture and cleaning. The system captures sewage from the 1,600 unauthorized colonies through 600 mm to 2,400 mm wide pipes.

### Petrochemical Complex at Dahej

Oil and Natural Gas Corp (ONGC) Petro additions Limited's (OPaL) mega petrochemical complex at Dahej will be used to manufacture polymers along with products like detergent bottles, milk jugs, water pipes, etc. It will also export products to countries like China, Singapore, Turkey, Africa, Pakistan, etc. The construction of the project was started in 2009 and it was expected to be ready by 2013, but was delayed. The officials claim that the plant was mechanically completed by April 2015 and one of the units commissioned in June. Other units of the plant will also be commissioned soon. The entire plant is expected to start operations by end of 2015.

### Narmada Canal Solar Project

Gujarat's canal-top solar project covers a 5.5 km section of the Narmada canal with a photovoltaic grid. This 10 MW solar project is

one of its kind in the world. Located at Chandrasan village near Mehsana, the plant is designed to generate 1.6 million units of electricity per year along with preventing water from evaporation. The project will eliminate the need of land solar projects and is expected to save two billion litres of water annually. Megha Engineering and Infrastructure Limited will build the plant and maintain it for 25 years.

### The Chennai Mofussil Bus Terminus

Spread over an area of 37 acres, it is the second largest bus station in Asia and is also accredited with the ISO 9001:2000 quality certification for its efficient management and functioning. Opened in 2002, this terminus has the capacity to handle 2,000 buses and 200,000 passengers daily. The bus station has 64 CCTV cameras and a 'child-friendly' centre for lost kids. The huge parking lot can accommodate over 2,500 two and four wheelers.

## 40,000m<sup>2</sup> Building in Amsterdam Rated as World's Most Sustainable Office Building by BRE

Zuidas, a rapidly developing business district in the city of Amsterdam, Netherlands has announced yet another landmark to its ever growing list of post-modern architecture buildings.

In addition to its role in the environmental strategy, the atrium provides the building with an identity that will contribute to the outstanding architecture of the Zuidas.

"The Edge' a 40,000m<sup>2</sup> office by PLP Architecture's for Deloitte has been awarded the world's most sustainable office building rating by the Building Research Establishment (BRE), the global assessor of sustainable buildings. The project achieved a BREEAM new construction certification of 'Outstanding' and a score of 98.36% by employing innovative smart technology.

The work space is organised around a grand 15-storey atrium, a window animated by office activity, circulation bridges and lift cores. The base of the atrium is activated by a restaurant, a cafe, exhibition spaces and conference facilities. The atrium is the lung of the building, ventilating the office space. The shape of the building allows north light into 60% of the offices. East west and south walls have smaller openings in a dense load-bearing structure: on the south, photovoltaic cells shade the openings.

*Source & Credit: Journal of SEWC, Structural Engineers World Congress (October, 2015)*

## ADD TO YOUR VOCABULARY

- **Parking Apron**

A paved or unpaved airfield surface used for fixed wing aircraft parking. The area includes parking lanes, taxi lanes, exits, and entrances. Aircraft move under their own power to the parking spaces, where they may be parked and secured with tie-downs. Parking designed to distribute aircraft for the purpose of increased survivability (dispersed hardstands) are included in this category code. For inventory purposes, only the prepared surface is included.

- **Pascal**

SI unit of measure for force per unit area ( $N/m^2$ ).

- **Pier Cap**

The topmost portion of a pier which distributes uniformly over the pier the concentrated loads from the bridge.

- **Plastic Deformation**

Deformation of material beyond the elastic range.

- **Plasticity**

Property of freshly mixed concrete, cement paste or mortar which determines its ease of molding or resistance to deformation.

- **Plate Girder**

A large I-shaped beam composed of a solid web plate with flange plates attached to the web plate by flange angles or fillet welds.

- **Pontoon Bridge**

A bridge which floats on pontoons moored to the riverbed; a portion may be removable to facilitate navigation.

- **Pony Truss**

A through truss having insufficient height to use a top chord system of lateral bracing.

- **Post Tensioning**

A method of externally pre-stressing concrete in which the tendons are stressed after the concrete has been cast.

- **Prefabricated Buildings**

Buildings that are built in sections or component parts in a factory, and then assembled at the site.

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**Haryana**

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<b>Himachal Pradesh</b>	
1.	MIT College of Engineering & Management Bani (Barsar) Distt. Hamirpur Himachal Pradesh-174384
2.	Baddi University of Engineering Science & Technology Makhnumajra, Nalagarh, District-Solan, Baddi Highway, Solan-173101, Himachal Pradesh
3.	Himachal Institute of Engineering and Technology Vidyanagar (Near Central University, Shahpur, District- Kangra-176223 Himachal Pradesh
4.	School of Architecture, APG Shimla University Shoghi- Mehli by Pass Road, Near Panthaghati, Shimla- 171009, Himachal Pradesh
<b>Jammu &amp; Kashmir</b>	
1.	National Institute of Technology & Science, Indira Nagar, P.O. Miran Sahib, Jammu – 181001, Jammu & Kashmir
2.	Institute of Engineering & Computer Sciences, Purkhoo Camp, Domana, Jammu- 181001, Jammu & Kashmir
3.	Government College of Engineering & Technology, Old University Campus, Canal Road Jammu-180004, Jammu & Kashmir
4.	Royal Polytechnic College 55-Gogji Bagh, Srinagar-190001, Jammu & Kashmir
5.	SSM College of Engineering & Technology Parihaspora, Pattan, Baramulla , Srinagar-193121, Jammu & Kashmir
<b>Karnataka</b>	
1.	Anjuman Engineering College Anjumanbad, P.O.Box No.24 Bhatkal – 581320 Karnataka
2.	Bapuji Institute of Engineering & Technology, Post Box No. 325, Davangere-577004 Karnataka
<b>Kerala</b>	
1.	Matha College of Technology, Manakkappadi, N. Paravur, Ernakulam-683511 Kerala
2.	Mangalam College of Engineering Mangalam Campus, Ettumanoor Kottayam- 686631 Kerala
3.	MES College of Engineering, Kuttippuram Thrikkannapuram P.O., Malappuram District. -679573 Kerala
4.	SSM Polytechnic College Tirur- 676105, Kerala
<b>Madhya Pradesh</b>	
1.	Shri G.S. Institute of Technology & Science, 23, Park Road, Indore, Madhya Pradesh
2.	Rishiraj Institute of Technology, Village- Revati, Sanwar Road, Indore, Madhya Pradesh
3.	Mansarovar Institute of Science & Technology Mansarovar Campus, Kolar Road, Bhopal- 462042, Madhya Pradesh

4.	Govt. Polytechnic College Shahdol, Madhya Pradesh
5.	Jawaharlal Institute of Technology, "Vidya Vihar" Borawan, Tehsil Kasrawad, Distt. Khargone – 451228, Madhya Pradesh
6.	Lakshmi Narain College of Technology, Kalchuri Nagar, Raisen Road, P.O. Kolua, Bhopal – 462021, Madhya Pradesh
7.	NRI Institute of Technology & Management, Near Railway Bridge, Jhansi Road, Gwalior, Madhya Pradesh
8.	Truba Institute of Engineering & Information Technology, Karond Gandhi Nagar By Pass Road, Bhopa, Madhya Pradesh
9.	Sarder Patel College of Technology (Engg.) Sardar Patel Campus, Gyakhuri, Balaghat-481001, Madhya Pradesh
10.	Bapu Institute of Technology & Management Opp. Village Jaderua, N.H.3, A.B. Road, Morena- 746001, Madhya Pradesh
11.	Global Institute of Engineering & Science, Niwali Road, Gran-Chatli (Sendhwa) District-Barwani, Sendhwa, Madhya Pradesh
<b>Maharashtra</b>	
1.	Pravara Rural Engineering College, Loni, A/P. Loni-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra
2.	Mahatma Gandhi Missions, Jawaharlal Nehru Engineering College, N-6, CIDCO, Aurangabad – 431003 Maharashtra
3.	G.H. Raison College of Engineering, CRPF Gate No. 3, Hingna Road, Digdoh Hills, Nagpur – 440016, Maharashtra
4.	Kavikulguru Institute of Technology and Science, Ramtek – 441 106, Nagpur, Maharashtra
5.	Bharati Vidyapeeth University College of Engineering, Pune-Satara Road, Dhankawadi Pune - 411043 , Maharashtra
6.	Aurangabad College of Engineering Gut No. 52, Tuljapur Shivar, (Savangi) Jalgaon Road, Aurangabad-431008 Maharashtra
7.	Trimurti Institute of Technology (Polytechnic) S. No. 227/2, Paldhi Bk., Next to North Maharashtra University, Tal. Dharangaon Dist. Jalgaon- 425103, Maharashtra
<b>Odisha</b>	
1.	Dhaneshwar Rath Institute of Engineering & Management Studies, (Diploma Wing), Kairapari, Kotsahi (Tangi), Cuttack – 754022, Orissa
2.	Krupajal Engineering School Prasanti Vihar, Pubasason, Kausalya Ganga Bhubaneswar – 751002 Orissa
3.	KIIT University, AT/PO. : KIIT, Bhubaneshwar – 751024, Orissa
4.	Black Diamond College of Engineering & Technology, Jharsuguda (BDCET) At : Balijori, L & T Dhutra Road, Jharsuguda, Orissa-768202
5.	Sanjay Memorial Institute of Technology, Chandipadar, Via : Bhattakumarada, Berhampur, Dist.-Ganjam-761003 , Orissa
6.	Gopal Krishna College of Engineering & Technology, I.E.M., Gourahari Vihar, P.O.-Raniput, Jeypore, Koraput, Odisha-764005
7.	Orissa Engineering College, Nabajyoti Vihar, Nijigarh Kurki, P.O.-Harirajpur, Jatni, Bhubaneswar-752050, Orissa



8.	Suddhananda Engineering & Research Centre, At-Nachhipur, P.O. : Bhatapatana, Bhubaneswar, Dist : Khurda, Orissa -752115
9.	Raja Kishore Chandra Academy of Technology (Polytechnic), At/Po : Nilgiri, Dist : Balasore, Balasore-756040, Orissa
10.	Suddhananda Residential Polytechnic At – Nachhipur, PO-Bhatapatana, Dist. Khurda-751012, Bhubaneswar
11.	SGI School of Architecture At-Nachhipur, Po-Bhatapatana, Dist-Khurda- 752115, Orissa
<b>Punjab</b>	
1.	Lovely Institute of Technology (Architecture), Jalandhar-Ludhiana, G.T.Road, Near Chehru Railway Bridge, Phagwara, Kapurthala-144402, Punjab
2.	Desh Bhagat Engineering College, Amlah Road, Mandi Gobingarh, Punjab
3.	Guru Nanak Dev Engineering College, Gill Road, Ludhiana, Punjab
4.	Institution of Engineering & Technology Bhaddal, Ropar, Punjab
<b>Rajasthan</b>	
1.	Sri Balaji College of Engineering & Technology, Benad Road (Dadi Ka Phatak), Jaipur – 302013, Rajasthan
2.	College of Engineering and Technology, Bikaner, Kani Industrial Area, Pugal Road, Bikaner-334005, Rajasthan
3.	Aayojan School of Architecture ISI-4, RIICO Institutional Block Sitapura, Goner Road Jaipur-302022 ,Rajasthan
4.	Aryabhatta College of Engineering and Research Centre Ajmer- 305001 Rajasthan
5.	Saraf Institute of Engineering & Technology Tibbi Road- Extension, Hanumangarh Town Rajasthan-335513
6.	Siddhi Vinayak Engineering & Management College E-I, B-1, M.1.A., Institution Area Alwar-301001 Rajasthan
7.	SLBS Polytechnic College NH-112, Jodhur-Jai0pur Highway, Dangiawas, Jodhpur-342027, Rajasthan
8.	SLBS Engineering College NH-112, Jodhpur-Jaipur Highway, Dangiawas, Jodhpur-342027, Rajasthan
9.	Laxmi Devi Institute of Engineering & Technology Alwar-Tijara-Delhi Highway, Chikaani, Alwar- 301028, Rajasthan
<b>Tamil Nadu</b>	
1.	Apollo Priyadarshanam Institute of Technology Panruti, Sriperumbudur Taluk, Kancheepuram District, Chennai-631604, Tamil Nadu
<b>Uttrakhand</b>	
1.	Dehradun Institute of Technology, Mussoorle-Diversion Road, P.O. – Bhagwantpur, Dehradun, Uttrakhand
2.	Drona's College of Management & Technical Education Opposite Rajpur, Bypass, Sahastradhara Road, PO : Gujarada Dehradun-248001 Uttrakhand
<b>Uttar Pradesh</b>	
1.	Bundelkhand Institute of Engineering & Technology, Kanpur Road, Jhansi – 284128, Uttar Pradesh

2.	Radha Govind Engineering College, Anuyogipuram ,Near Medical College Garh Road, Meerut – 250004, Uttar Pradesh
3.	Gandhi Polytechnic, Muzaffarnagar, Uttar Pradesh
4.	Hewett Polytechnic, Lucknow, Mahanagar, Lucknow, Uttar Pradesh
5.	Lucknow Polytechnic Lucknow, Abhyantrik Upnivesh, Krishna Nagar, Kanpur Road, Lucknow Uttar Pradesh
6.	Sevdie Institute of Management & Technology, (S.I.M.T), Chinhat Deva Road, Lucknow, Uttar Pradesh
7.	North India Institute of Technology 7 <sup>th</sup> km Bundki Road,Najibabad Dist. Bijnor,Bijnor-246763 Uttar Pradesh
8.	Devprayag Institute of Technical Studies Devprayag Technical Campus, Phaphamau, Allahabad, Uttar Pradesh
9.	Jaswant Singh Bhadauria Institute of Technology Kosi Khurd Bharatpur Road Mathura- 281005, Uttar Pradesh
10.	Sunderdeep College of Architecture NH-24, Sunder Deep Nagar Delhi-Hapur Road Dasna Ghaziabad-201001Uttar Pradesh
11.	Goel Institute of Technology & Management Lucknow –Faizabad Road, Near Indiar Canal Lucknow-227105Uttar Pradesh
12.	M G Institute of Management & Technology 8 <sup>th</sup> Km. Mile Stone from Amausi Airport, Lucknow-Kanpur Highway, Banthara,Lucknow-227101Uttar Pradesh
13.	Institute of Engineering & Rural Technology , Allahabad, 26, Chaitham Lines, Allahabad-211002, Uttar Pradesh
14.	Hanswahini Institute of Science & Technology (Polytechnic) Mahuari Chakia (Near ITI Company), Post-Nibi, Nainin, Allahabad- 211008, Uttar Pradesh
15.	Dreams College of Polytechnic 5 <sup>th</sup> Km Milestone, Janta Road, Saharanpur- 247001, Uttar Pradesh
16.	Shanti Niketan Group of Institutions NCR Knowledge City, Goon-Gejha Road, Mohiuddinpur, Meerut- 201205, Uttar Pradesh
17.	Dev Bhoomi Group of Institutions Dabki Road, Village-Beri Jama, Post-Baliyakheri, Distt-Saharanpur, Saharanpur- 247001, Uttar Pradesh
<b>West Bengal</b>	
1.	North Calcutta Polytechnic, 15, G.M. Lane, Kolkata-700002, West Bengal
2.	Camellia School of Engineering & Technology, Nadibhag, P.O.-Kajipara, Barasat, Kolkata-700124, West Bengal
3.	JIS College of Engineering, Block "A" Phase-III, Kalyani, Nadia, West Bengal-741235
4.	Rajmati Prichand Bothra Memorial Jiaganj College of Engineering & Technology (RPBM) At - Hatibhjan, PO. Jiagan, Dist. – Murshidabad-742123, West Bengal
5.	Narula Institute of Technology 81, Nilgunj Road, Agarpara,Kolkata-700109 West Bengal
6.	Sanaka Educational Trust's Group of Institutions B-150, Columbia Street, Bidhan Nagar,P.O. Malandighi, P.S. Kanksa, Burdwan Durgapur-713212

7.	The New Horizons Institute of Technology Phase-II, City Centre, South G.T. Road Durgapur-713208, District.- Burdwan, West Bengal.
8.	Ideal Institute of Engineering Kalyani Shilpanchal, P.O. & P.S. – Kalyani Dist.- Nadia West Bengal-741235
9.	IMPS College of Engineering & Technology Malda Nityanandapur, P.O- Chandipur (Kajigram),Malda-732103,West Bengal

### ABSTRACT

Sl.No.	State	No. of MoUs
1.	Andhra Pradesh	10
2.	Assam	6
3.	Bihar	2
4.	Chhattisgarh	2
5.	Delhi	1
6.	Gujarat	4
7.	Haryana	9
8.	Himachal Pradesh	4
9.	Jammu and Kashmir	5
10.	Jharkhand	4
11.	Karnataka	2
12.	Kerala	4
13.	Madhya Pradesh	11
14.	Maharashtra	7
15.	Odisha	11
16.	Punjab	4
17.	Rajasthan	9
18.	Tamil Nadu	1
19.	Uttarakhand	2
20.	Uttar Pradesh	17
21.	West Bengal	9
	<b>Total</b>	<b>124</b>

## Professional Vistas

<ul style="list-style-type: none"> <li>• <b>Recognition by Govt. of India, Ministry of Human Resource Development, Department of Higher Education</b> vide Gazette Notification No. F.24/1/2007-TS.III Dated 06.11.2007.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Government of National Capital Territory of Delhi</b> vide letter No.1(1)/2008-DD/SB/1520/5609 Dated 29.10.2008.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Association of Indian Universities (AIU)</b> vide letter No. EV/III (366)/2008/71 Dated 11.04.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Shapoorji Pallonji &amp; Co. Ltd.</b> vide letter No. Nil Dated 30.10.2008.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by All India Council for Technical Education (AICTE)</b> vide letter No. Eqvi./AB/Gen.Corr./2008-09 Dated 16.09.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Andhra Pradesh</b> vide letter No. 10232/EC.2/2008-02 Dated 05.11.2008.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Union Public Service Commission (UPSC)</b> vide letter No. F.2/1/2007-EIB Dated 30.06.2009.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Administration of Daman &amp; Diu (UT)</b> vide letter No. 10.2 (PART-IV) EST-GP/2008-09/797 Dated 11.11.2008.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition for GATE by National Coordinating Board-Gate, Deptt. of Education, MHRD, Gol.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by CPWD- Central Public Works Department, Government of India</b> vide letter No.A-12021/1/2006-EC VI/74-75 Dated 19.01.2009.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Goa</b> vide letter No.12/11/87-PER/Vol.II Dated 06.03.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Visvesvaraya Technological University, Karnataka</b> vide letter No. VTU/Aca/OS-GC/2009-10/2118 Dated 04.06.2009</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Directorate of Technical Education, Haryana</b> vide letter No.351-53/Dev. Dated 13.06.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Nagaland</b> vide letter No. IT/10-1/04 Dated 30.07.2009</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Kerala</b> vide letter No.3946/GI/08/H. Edn Dated 08.07.2008</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Uttarakhand, PWD, Pauri Garhwal</b> vide letter No.1011/20(15) E.A.-Parv./09-10 Dated 06.09.2009.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by RITES Limited</b> vide letter No. RITES/RI/RCED/Misc/2008 Dated 14.07.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Chhattisgarh, Department of Technical Education, Manpower Planning, Science &amp; Technology, Mantralaya, D.K.S Bhavan, Raipur</b> vide letter No.F-14/07/42 Dated 11.05.2010.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Delhi Development Authority (DDA)</b> vide letter No.F.7(98)2008/PBI/2399 Dated. 20.08.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Punjab, Technical Education and Industrial Training, Punjab Chandigarh.</b> vide letter No.1362 Dated 24.06.2010.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Meghalaya</b> vide letter No. FDN.156/2001/249-A Dated 21.08.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Rural Electrification Corporation Limited (A Government of India Enterprises)</b> vide letter No. REC/ED(HR)/Trg./2010-11/ Dated 10.08.2010</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by IRCON INTERNATIONAL LIMITED</b> vide letter No. IRCON/HRM/31/28/728 Dated 01.09.2008.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Cement Corporation of India Ltd. (A Government of India Enterprises)</b> vide letter No. PD/HRD/6/6/2010/6119 Dated 12.08.2010</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Directorate General Border Roads</b> vide letter No. 13616/Gen/Rect /DGBR/97/E1A Dated 21.10.2008.</li> </ul>	

<ul style="list-style-type: none"> <li>• <b>Recognition by Delhi Metro Rail Corporation Ltd.</b> vide letter No DMRC/O&amp;M/HR/2010 Dated 20.08.2010</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by All India Management Association (AIMA)</b> Vide No. MAT/M-14 Dated 18.12.2013</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Oil and Natural Gas Corporation Ltd. Rectt. Section, Tel Bhawan, Dehradun</b> vide letter No. 7(2)/PR-Rectt./2010 Dated 26.08.2010</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Jawaharlal Nehru Technological University, Hyderabad</b> Vide No. MAT/M-14 Dated 18.12.20A1/1640/2014 Dated 07.01.2014</li> </ul>
<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by NHPC Limited</b> Vide letter No.NH/HR/Rectt./060/Int.Ind./2014/308 Dated 17.07.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Anna University Chennai, Chennai-600025</b> vide letter No.2664?AU/DD1-DAC/2011/F21 Dated 07.01.2011</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Instrumentation Limited</b> Vide letter No. IL/CPD/Rectt-73/2014-15 Dated 18.07.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Government of West Bengal, Directorate of Technical Education &amp; Training, Kolkata</b> vide letter No.728 TET Dated 28.03.2011</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Rajasthan Technical University</b> Vide website Notification dated 07.07.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Government of Karnataka</b> Vide Govt. order No. ED 21 UTV 2012 Dated 09.03.2012</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by XAT</b> Vide Fax dated 14.11.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by State Board of Technical Education and Training, Andhra Pradesh, Hyderabad</b> Vide letter No. No. Lr.No.SBTEL/B5-775/596/EQUI/2012 Dated 02/04/2013</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by University of Mumbai</b> Vide letter No. Elg/2331 of 2014 dated 26.11.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Maharshi Dayanand University Rohtak</b> Vide letter No. AC-3/2013/F-207/4085-98 Dated 26.04.2013</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Army</b> Vide letter No.B/60202/ RTG UES dated 28.11.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Andhra Pradesh Public Service Commission</b> Vide letter No.1549/RN/2012 dated 29.04.2013</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Mahatma Gandhi University, Kerala</b> Vide letter No. AcD/02/4092/2014 dated 2.12.2014</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by CAT</b> Vide e- mail Dated 23.07.2013</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Assam Don Bosco University, Assam</b> Vide letter No. DBU/SM/33/15-01 dated 3rd March,2015</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Birla Institute of Technology, Mesra Ranchi-835215</b> Vide letter no. GO/ICE(I)/13-14/3781 Dated 05.08.2013</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Counselling Cell of Directorate of Technical Education Government of Madhya Pradesh</b> Vide Website details : Dte.mponline.gov.in</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Recognition by Public Service Commission, West Bengal</b> Vide No. 101PSC(S&amp;R)/2M-1/09(S&amp;R)(Pt) Dated 07.08.2013</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Recognition by Govt. of Himachal Pradesh</b> Vide letter No. EDN(TE)F(10)1/2012 dated 24<sup>th</sup> August,2015</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Karnataka Public Service Commission</b> Vide No. R(i)484/13-1 Dated 30.09.2013</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>The Institution of Engineers (India)</b> Vide No. EEA/ACC/3179/A KG Dated 11.11.2013</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Meghalaya Public Service Commission</b> Vide No. MPSC/E-27/2011-2012/85 Dated</li> </ul>	

**An**  
**Ever**  
**Expanding**  
**List**  
**Of**  
**Recognition**  
**Of**  
**ICE(I)**  
**Examinations**

[ TO BE PUBLISHED IN PART-1 SECTION -I OF GAZATTE OF INDIA ]

Government of India  
Ministry of Human Resource Development  
Department of Higher Education

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Shastri Bhawan, New Delhi,  
the 6<sup>th</sup> November, 2007

**NOTIFICATION**

**No.F.24 – 1 / 2007 – TS.III.** On the recommendations of the High Level Committee for recognition of Educational Qualifications in its meeting held on 22<sup>nd</sup> May 2007, the Government of India has decided to give recognition to the Section A & B of Associate Membership course, equivalent to Degree and Part – I & II of Technician Engineers (T) equivalent to Diploma in Civil Engineering and Architecture Engineering Courses conducted by the Institution of Civil Engineers (India), Ludhiana (Punjab) as per syllabus approved by All India Council for Technical Education (AICTE) w.e.f. the academic session 2007 – 2008 for the purpose of employment to the posts and services under Central Government in the appropriate field. It is subject to the conditions that the total number of candidates who can be admitted for the said examination would not exceed the authorized strength of the concerned Institutions with which Institution of Civil Engineers (India), Ludhiana (Punjab) has entered into Memorandum of Understanding (MOUs). A review in respect of recognition of educational qualifications shall be made by Ministry of Human Resource Development after one year through All India Council for Technical Education (AICTE).

(RAVI MATHUR)

Joint Secretary to the Government of India

Tel: 2338 1097

To

The Manager,  
Government of India Press,  
Faridabad.

..contd./-

(भारत के राजपत्र के भाग-1 खण्ड-1 में प्रकाशन के लिए)

भारत सरकार  
मानव संसाधन विकास मंत्रालय  
उच्चतर शिक्षा विभाग

शास्त्री भवन, नई दिल्ली

6 नवम्बर, 2007

### अधिसूचना

सं.एफ. 24-1/2007-टी.एस.111 शैक्षणिक योग्यताओं को मान्यता प्रदान करने के लिए उच्च स्तरीय समिति की दिनांक 22 मई, 2007 की बैठक में की गई सिफारिशों के आधार पर भारत सरकार ने उपर्युक्त क्षेत्र में केन्द्रीय सरकार की सेवाओं तथा पदों पर रोजगार देने के उद्देश्य से शैक्षणिक सत्र, 2007-08 से सिविल इंजीनियरी संस्थान (भारत), लुधियाना (पंजाब) के अखिल भारतीय तकनीकी शिक्षा परिषद द्वारा अनुमोदित पाठ्यचर्या अनुसार संचालित सिविल इंजीनियरी और वास्तुकला इंजीनियरी पाठ्यक्रमों में एसोशिएट सदस्यता पाठ्यक्रम की धारा (क) और (ख) को डिग्री के समकक्ष और तकनीकी इंजीनियरों (त) के भाग 1 और 11 को डिप्लोमा के समकक्ष मान्यता प्रदान करने का निर्णय लिया है। यह मान्यता इस शर्त के अधीन होगा कि अभ्यर्थियों की कुल संख्या उक्त परीक्षा के लिए सम्बन्धित संस्थान की अधिकृत दाखिला क्षमता से अधिक नहीं हो जिसके साथ सिविल इंजीनियरी संस्थान (भारत), लुधियाना (पंजाब) ने संगम ज्ञापन किया है। मानव संसाधन विकास मंत्रालय एक वर्ष के बाद अखिल भारतीय तकनीकी शिक्षा परिषद के माध्यम से शैक्षणिक योग्यताओं की मान्यता की पुनरीक्षा करेगा।

(रवि माथुर)

संयुक्त सचिव, भारत सरकार

दूरभाष: 23381097

सेवा में,

प्रबंधक

भारत सरकार प्रैस

फरीदाबाद।

Please visit ICE(I) Notification At MHRD Website :  
[www.education.nic.in/Tech/Recoeduqualfs.pdf](http://www.education.nic.in/Tech/Recoeduqualfs.pdf)

## SNIPPETS

### OCTOBER - 2015

#### Workshop on Erasmus+, Jean Monnet and Marie Sklodowska – Curie Actions (MSCA's)

A workshop on Erasmus+, Jean Monnet and Marie Sklodowska–Curie Actions (MSCA's) for Indian Vice Chancellors and Head of Higher Education Institutions was organized at Delhi on 26th October 2015 by the European Union Delegation to India and AIU for the Higher Education in India. It was well attended by who's who of Academic World of India, ICE(I) was represented at the workshop.

#### ACECC Meetings

Mr. Prithipal Singh, Secretary General, ICE(I) has attended the 18th Technical Coordinating Committee Meeting (TCCM), 23rd Planning Committee Meeting (PCM) on 28th October, 2015 and 29th Executive Committee Meeting (ECM) of the Asian Civil Engineering Coordinating Council (ACECC) on 29<sup>th</sup> October, 2015 at Gunsan, Korea. He has extended invitation to all ACECC Members for the 30th ECM being hosted at India by ICE(I) in March, 2016.

### NOVEMBER - 2015

#### Golden Jubilee Celebration (2015-2016) College of Agricultural Engineering & Technology, Bhubaneswar

Dr. S.D. Sharma, Director (Academic) ICE(I) attended the inaugural function of Golden Jubilee Celebration (2015-2016) of College of Agricultural Engineering & Technology, Bhubaneswar on 2nd November, 2015. Different events conducted on that day included Golden Jubilee Mini Marathon, Unfurling of Golden Jubilee Flag, Inauguration of e-display and Demo-unit of drip irrigation system, Inauguration of Golden Jubilee Monument, Golden Jubilee Inaugural Function & Golden Jubilee Seminar. Dr. S.D. Sharma was facilitated by the Golden Jubilee Celebration Organizing Committee as Former Dean of CAET for his contributions in the development of Agricultural Engineering Education in the country in general and the college in particular. The facilitation plaque was given to him by the Director, IIT, Bhubaneswar in the presence of the Vice-Chancellor, OUAT, Chief Speaker and Dean CAET.

#### 13th National Conference on : Make in India-Role of Engineers and Technologists

Engineering Council of India organized National Conference on 16th November, 2015 with the background that Make in India is the clarion call to the world to invest in manufacturing in India, it has to increase manufacturing for creating opportunities for employment. Indian Engineers and Technologists have an important role in realizing the Make in India objective. It was well attended by the member organizations, ICE(I) was also represented at the conference.



### **Conference on “India-Japan Economic Relations : Bilateral Dimensions”**

Recognizing the pace of India’s economic growth that is predicated upon the accelerated development of vital economic and connectivity infrastructure, Indian Council for Research on Economic Relations (ICRIER) in partnership with the Embassy of Japan in New Delhi organized the conference on 17th November, 2015. It was structured around “Make in India” : Japan’s Role in Enhancing India’s Manufacturing prowess, Building India’s Economic Infrastructure and Connectivity, The Role of IT Services, India-Japan Investment Promotion Partnership : Financing India’s Growth. Conference was inaugurated by Shri Suresh P. Prabhu, Hon’ble Railway Minister, Govt. of India and was well attended by the policy makers and takers. ICE(I) also represented at the conference.

### **“The Future of Educational Assessment in India : Challenges and Opportunities”**

Association of Indian Universities (AIU) in collaboration with Association of Test Publishers (ATP) organized a conference on 20th November, 2015 that focuses on improving the quality of testing and assessment in the field of higher education. Its thrust was on new and established methods for developing and delivering world-class assessments to enhance the quality of examination. It was very well attended by the academic world. ICE(I) was also represented at the conference.

## **DECEMBER - 2015**

### **ICE(I) Conducts Winter-2015 Examination**

ICE(I) conducted Winter-2015 Examinations in around 40 examination centres from 7th December, 2015 to 12th December, 2015.

### **ICE(I) Winter 2015 Examination Postponed**

Chennai, ICE (I) Winter 2015 Examination which was scheduled to be held in Chennai was postponed consequent upon the situation created on account of heavy floods in Chennai.

### **Commencement of the postponed ICE(I) Winter 2015 Examination scheduled to be held in Chennai**

The postponed ICE (I) Examination will now be held from 18th January, 2016 to 23rd January, 2016 as per the date sheet notified. The Examination will be held at the same Examination Centre.

## BREAKING NEWS

National Scholarships Portal is one-stop solution through which various services starting from student application, application receipt, processing, sanction and disbursement of various scholarships to Students are enabled. National Scholarships Portal is taken as Mission Mode Project under National e-Governance Plan (NeGP) of Department of Electronics & Information Technology, Ministry of Communications & IT, Govt. of India with Participating Ministries/Departments:-

- 1 Ministry of Tribal Affairs
- 2 Ministry of Minority Affairs
- 3 Ministry of Labour & Employment
- 4 Department of Social Justice & Empowerment
- 5 Department of School Education & Literacy
- 6 Department of Higher Education
- 7 Department of Empowerment of Persons with Disabilities

ICE(I) has been registered under the Registered Universities/Boards for the National Scholarship under the State of Punjab with the following boards :-

No	Board Name
1.	DIRECTORATE OF RESEARCH AND MEDICAL EDUCATION PUNJAB
2.	PUNJAB DIRECTOR OF EMPLOYMENT AND TRAINING
3.	DELHI BOARD OF SENIOR SECONDARY EDUCATION
4.	PUNJAB NURSING COUNCIL
5.	THE INSTITUTION OF CIVIL ENGINEERS (INDIA)
6.	PUNJAB STATE BOARD OF TECHNICAL EDUCATION AND TRAINING
7.	PUNJAB SCHOOL EDUCATION BOARD, MOHALI

## Alumni.....A Lifelong Relationship ! Keep it alive!

Alumni Engagement is at the core of the Institution of Civil Engineers (India). Keeping this in mind, the institution has worked towards building a strong alumni community and will continue to work in this direction.

**“Alumni are the true brand ambassadors of their Alma Mater and represent it everywhere they go. They truly reflect the values of the institution from which they have graduated.**

In order to actively engage our alumni, The Institution of Civil Engineers (India) encourages alumni participation to bring them together by providing a forum for meeting and exchange of views, to facilitate professional networking for mutual benefit and to contribute to the Institution’s efforts for achieving excellence in academics and research through sharing knowledge and expertise of its members in areas pertaining to academics, infrastructure, industry interactions and others, if any.

The Alumni are also invited for seminars, conferences, advancement programs etc. to enhance their learning’s which they can further use in their own respective work areas.

Keep reading this column for more news and updates on our Alumni.....!!.

The Members, who have not yet enrolled, may get in touch with us on [icei.alumni@gmail.com](mailto:icei.alumni@gmail.com) or at Delhi Office.

**Secretary General**



# THE INSTITUTION OF CIVIL ENGINEERS (INDIA)

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 Email: [icei.alumni@gmail.com](mailto:icei.alumni@gmail.com) Website: [www.ice.net.in](http://www.ice.net.in)

## ALUMNI MEMBERSHIP FORM

1 Name (In Capital Letters)	:	_____
2 Father's Name	:	_____
3 Membership Certificate obtained from ICE(I) with details	:	T.Engg./AMICE Membership No. _____ Roll No. _____ Session of Completion of the Course _____
4 Profession after completion of the course	:	_____
5 Present Occupation with Designation & Office Address	:	_____
6 Correspondence Address	:	_____
7 Contact Details	:	E-mail ID _____ Telephone Nos: Office _____ Residence _____ Mobile: _____
8 Any special achievement awards	:	_____
9 Remarks	:	_____

Dated \_\_\_\_\_  
 Member

Signature of the

### FOR OFFICE USE ONLY

Alumni Registration No. \_\_\_\_\_

Date of Registration \_\_\_\_\_

(Authorized Signatory)

# PHOTO GALLERY



Mr. Prithipal Singh, Secretary General at ACECC Meeting at Korea



Group Photograph of ACECC Meeting at Korea



Facilitation of Dr. S.D. Sharma, Director (Academic) at CAET



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## **The Institution of Civil Engineers (India)**

(A Govt. of India Recognized Degree Level Institution)

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