

THE CIVIL ENGINEER

E-NEWSLETTER Volume-VII (1st Quarterly Issue) January-March, 2016



The Institution of Civil Engineers (India)

The Civil Engineer

E-NEWSLETTER

Volume -VII [1st Quarterly Issue] January-March, 2016

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Chairman of the Institution
Dr. S. L. Swamy



From the Editor-in-Chief's Desk

Dear Readers

As construction is the core subject discussed in this issue, we have talked about a few important and advanced technologies of construction. Increasing speed of construction together with shorter deadlines is driving the concrete demand. Also there is greater emphasis on high-rise building construction. All this has made the mechanized mixing of concrete almost obsolete. With the advent of advanced technology, the process of concrete mixing has become overall efficient. Today, there are various mixing technologies available to the customers to choose as per their project requirement. Here we discussed about some of these technologies in detail.

Intelligence is the ability to adapt to change. We have presented to very interesting topics Advanced concrete mixing technologies and Light weight concrete reduces cost and time. I am sure it will enhance your professional eradication.

Asian Civil Engineering Coordinating Council (ACECC) is an international body having representations from the various

countries. ACECC holds its Executive Committee Meetings in different countries as per its schedule and the Institution of Civil Engineers (India) has represented in such meetings. ICE(I) had the honour to hold the 30th Executive Committee Meeting of ACECC in India from 25th March to 27th March, 2016 in which International delegates from various member countries and National delegates participated. The meeting took place in WelcomHotel, Dwarka New Delhi.

The issue also contains its usual features of interest to the readers.

Hope you will enjoy reading this issue as always. We welcome your comments and do not hesitate to give your feedback. Please write to us.

Dr. S.L.Swamy
Chairman

Be faithfull in small things because it is in them that your strength lies



From the Editor's pen

Dear Readers

Construction industry, the second largest employment generator in the economy after agriculture, is integral to support India's growing need for infrastructure and industrial development. The growth of the industry is directly correlated to the growth of gross domestic product (GDP). In the last 10 years, construction as a percentage of GDP has been around 7-8%. The industry witnessed a slowdown in the last couple of years, mainly on account of slowdown in the economy, delay in project awarding and execution due to environmental clearance hurdles, aggressive bidding by players, lack of funding, land acquisition issues and policy bottlenecks.

As on March 31, 2015, the multiple of order backlog to the net sales of the major construction companies stood at around 4 times.

The much awaited Union Budget for 2016-17 can be treated as being progressive and time appropriate having announced a raft of measures, policies and reforms catering to nearly all the sections of the economy. The budget aims at bringing about structural changes that can help transform the

country's economy.

On expected lines the government has continued with a focus on developing infrastructure. The Govt. of India through its budget for the year 2016-17 has sent positive signals for the Construction Industry. The continued focus of the government on infrastructure development through increased allocation towards roads, railways irrigation, ports, etc, would be beneficial for the construction industry. Also, focus of the government on building affordable houses will augur well for the industry.

Availability of credit enhancement for infrastructure projects will improve credit rating and facilitate investment at lower cost.

Increased allocation towards various infrastructure projects is expected to result in increased order inflow to the construction companies.

Added to this is the introduction of much awaited Real Estate Bill which will help to safeguard the interest of all stake holders will see the light of the day.

This is the first issue of 2016 and all its regular features have been maintained keeping in view the interest of readers.

Hope you will enjoy the reading of this issue.

Prithipal Singh
Secretary General

It's true that the willing horse gets the heaviest load. It is also true that he develops the strongest muscles and gets the most grass.

Advanced Concrete Mixing Technologies

Featuring innovations in concrete mixing technology

As the demand for housing increasing every day, the demand for the construction also increases. This increase in the demand has given birth to many technologies, and therefore the challenges for companies to develop advanced technologies and machines for concrete pumping and mixing. Though these technologies are very common and one can find it on the construction sites, these modern mixing technologies have become an essential aspect of the construction realm, as it gives proper mixed material for the use of building construction. These machines help combine cement, water and other building material to form concrete which is then applied during construction. On the other hand, these technologies come with additional qualities such as saving time, money and man-power.

Advanced technology

Finishing the projects in minimum time has become an objective of the construction industry. This maximum work in minimum time can be achieved by advanced technologies, new concepts and latest products. To tell a few, products like planetary mixers, ring pan mixers and the drum concept are developed to serve the construction industry.

Apart from concrete pumping technologies, concrete mixing technologies is widely used in the construction industry. To give a brief, mixing is a systematically controlled random process. In the concreting industry, the purpose of any mixing process is to bond various raw materials such as aggregates, cement, water etc, with diverse properties to a single substance known as concrete. In mechanized mixing processes, these materials are subjected to targeted acceleration and set into motion relative to each other. There are various mixing technology available to the customers to choose as per their project requirement.

Giving information on mixing technologies, “The

batching plants are with superior planetary mixers and customized PLC based control system. The planetary mixer is robust and extremely efficient at mixing.”

- The planetary mixer mixing tools rotate in a synchronized manner and are able to turn the material distributing all of the material uniformly in the pan without favouring the different nature of the materials creating a homogeneous mix; each revolution changes the flow pattern.
- The intensity of the mixing action, appropriate speeds combined with design of the mixing tools provide a complete homogenization and an efficient flow pattern.
- The pan of the planetary mixer is completely empty thus allowing the material to cover the complete area in a minimum time.
- Planetary mixers have a single type of mixing tool with a geometry that together with a combination of movements distributes evenly the material.

More so, these planetary mixers are manufactured under strict quality control procedures. World over, the planetary mixers have replaced the turbo mixers for most applications, owing to its capability of producing high quality concrete of different types.

The unique product offerings batching plant range are : Compact batching plants with planetary mixer-capacity of 30 cu.m/hr. and 60 cu.m/hr, compact reduced bin with planetary mixer – capacity of 30 cu.m/hr. and in line bin type batching plants with planetary mixers/twin shaft mixers-capacities of 30cu.m/hr. to 180 cu.m/hr, the radius lift ARM batching plant of 20 cu.m/hr and 30 cu.m/hr with reversible mixer technology.

Self-loading Mobile Concrete Mixers (SLCM) has shifted the paradigm of producing concrete for small and medium scale infrastructure projects and for all construction activities in semi-urban and rural areas in India.

The pioneer in bringing this very unique mixing technology is way back in 1992. Before the onset of SLCM technology in India, contractors were dependent on static mixers at one end or batching plants at the other end. While the static mixers have limitations on productivity and quality, the batching plants are not cost effective because the size of the projects and the corresponding concrete requirement does not justify the same.

Self-loading mobile concrete mixers has just bridged the gap very effectively. The USP of these machines have been mobility within job sites, productivity of quality concrete and substantial reduction in manpower. The versatility of these machines explain the fact that they have been the perfect choice for contractors over wide applications ranging from canal linings, check dams, residential and commercial buildings, industrial structures, urban infrastructure, windmill and transmission line foundations, roads and curbs, drains and culverts, to name a few.

The innovation of concrete mixers came into being in order to make the tedious process of transporting concrete for long distances easy.

Concrete mixers manufactured are designed with a beginning of statically and functionally ideal shape of the drum of largest diameter of the largest possible mixing chamber volume, Stiffening cone in the bottom.

Source & Credit: ACE Update January, 2016

Light weight concrete reduces cost and time

Light weight concrete is the need of the hour as it reduces the cost and time for construction as one could eliminate the block work and cast walls directly of the density and specification required for a particular location in a structure. With the use of flyash one could also benefit by getting a green project certification. But this technology and the methodology need to be implemented on a large scale and in projects of all sizes.

Need is to shrug off the ancient technologies and look for implementation of newer technologies, which are being used in developed countries for decades now. Designers, architects, companies and contractors are needed to be the first one to use rather than a follower.

Technologies are available, but sadly not being implemented, as people still believe in “why risk” policy rather than adopting it as it is being done for decades in developed countries.

Incorporating technology

Foam concrete plant has been developed which can mix slurry, charge it with foam from an in-built foam generator and also pump the mixed foam concrete at the pour point thereby eliminating the need to carry ready foam concrete in wheel barrows or buckets.

Latest innovation

Foam concrete plant with integrated system of foam generator and pump, is a medium sized plant. It can be pumped to a height of 20 metres and horizontally to a length of 150 meters; with this layout foam concrete walls can be easily cast. It can also be laid on terrace and other floors to get benefit of thermal and acoustic insulation, with all the other benefits of foam concrete.

Foam concrete, pumped could also be used to make lower density sandwich panels and has already been proved to have great thermal and acoustic insulation properties. “The specialty of plant is that the density of the foam concrete can be adjusted online, so that the concrete can be

pumped and laid as per requirement at particular locations. The complete plant can be provided a fully automatic concrete batching plant.

The plant is a ready to use plant with the mains to be connected in the control panel after proper leveling of the equipment, and barrels for foaming agent and water to be provided. The plant consists of three sections:

- Mixer: cement sand or flyash and water are charged as per the mix design established for the required density. It is recommended that bags of cement or sand or flyash are kept ready duly weighed as per the mix design, so that there is no or very little time lag between the time the batch is consumed and mixer is refilled. The level in the mixer has to be always maintained at 1/3rd of the capacity.
- Foam generator: Inlet pipe with a strainer provided with plant has to be just put in the barrel containing diluted foaming agent. This diluted liquid is automatically pumped into the system and with compressed air the foam is generated. The test foam can be taken from the bypass line provided and ensured that it has the required parameters before it is changed to supply in the system.
- Pumping: Cement slurry is sucked and discharged into a chamber where the foam generated is also pumped into this chamber. This foam is injected into the cement slurry while it passes through the chamber, get ready foam concrete at the other end of the chamber. Discharge pipe is connected at the end of this chamber and the discharged foam concrete can be poured in the moulds or site as the case may be.

Source & Credit: B2B Purchase, January,2016

Report on the 30th Executive Committee Meeting of the Asian Civil Engineering Coordinating Council (ACECC) held on 25th-26th March, 2016 at WelcomHotel, Dwarka, New Delhi, India

In the forenoon of 25th March, 2016 the ACECC leadership met between 9.00 am to 10.am at the venue to finalize their deliberations.

As per the schedule, ACECC meeting started with the 19th Technical Coordination Committee Meeting (TCCM) with the Welcome Address by Dr. S.L. Swamy, Chairman, ICE(I)-the host society. The meeting was Chaired by the Deputy Secretary General, Ed Wang in place of TCCM Chair Mr. Leoncio Jr. who could not attend on account of ill health.

In the afternoon the 24th Planning Committee Meeting (PCM) was held under the Chairmanship of Dr. Udai P. Singh.

ICE(I) hosted ACECC Welcome Reception and Dinner.

On the 26th March, 2016 the ECM was held in which summaries of 19th TCCM and 24th PCCM were approved.

The meeting ended with the formal vote of thanks by the Chairman ICE(I) Dr. S.L. Swamy to the participating members and to the Chair.

ACECC Technical Session was held immediately after lunch wherein the eminent Speakers were specially invited Er. Sahadeva Singh, Executive Director (Civil), Delhi Metro Rail Corporation Ltd., Dr. D. Saha, Additional Director & In Charge (Air Lab), Central Pollution Control Board, Er. Puskal Upadhyay, Additional Mission Director, National Mission for Clean Ganga. These presentations were followed by detailed Q.A. Session from the delegates, who were impressed with their erudite presentations and depth of their knowledge on the subject.

Dr. Udai P. Singh thanked these learned speakers. ICE(I) also felicitated them. Programme of ACECC meetings were concluded.

The ACECC Farewell Dinner & Cultural Programme was organized by ICE(I) along with the cultural programme comprising Folk Dances of two of the heart throb states of India i.e. from the bread basket i.e. Punjab & the land of kings i.e. Rajasthan were presented. The programme was appreciated by one and all and all present became the part of function itself by dancing to the tunes of folk dances.

In the forenoon of 27th March, 2016, ICE(I) had organized a Delhi sightseeing tour for the delegates and spouses/guests.

The programme concluded with Sweet Memories as take away. Some of the glimpses of this mega event are given in the Photo Gallery.

The Institution of Civil Engineers (India)

Tentative Date Sheet for Summer -2016 Examination

Date & Day	Forenoon Session (10.00 AM to 1.00 PM)		Afternoon Session (2.00 PM to 5.00 PM)	
06-Jun-16 Monday	TC 1.1	Basic Civil Engineering	TC 2.7	Construction Technology
	TA 1.1	Basic Architectural Engineering	TA 2.1	History of Architecture
	TC 2.1	Surveying	AC 1.1	Advanced Engineering Mathematics
	TA 2.7	Surveying and Levelling	AA 1.1	Advanced Engineering Mathematics
	BC 2.1	Applied Hydraulics and Fluid Machines	BCO 3.1	Advanced Design of Reinforced Concrete Structures
	BA 2.1	Professional Practice and Arch. Engg.	BCO 3.14	Pollution and Control Engineering
			BAO 3.2	Rehabilitation of Structures
07-Jun-16 Tuesday	TC 1.2	Technical Writing	TC 2.8	Estimation, Costing and Specifications
	TA 1.2	Technical Writing	TA 2.8	Architectural Design and Graphics
	TC 2.2	Fluid Mechanics and Machinery	AC 1.2	Advanced Strength of Materials
	TA 2.2	Free Hand Drawing and Painting	AA 1.2	Advanced Strength of Materials
	BC 2.2	Machine Foundations	BCO 3.2	Advanced Design of Steel Structures
	BA 2.2	Finishes, Materials and Specifications	BCO 3.21	Ground Water Hydrology
			BAO 3.3	Advanced Architectural Design
08-Jun-16 Wednesday	TC 1.3	Engineering Physics and Applied Mechanics	TC 2.9	Civil Engineering Designs
	TA 1.3	Engineering Physics and Applied Mechanics	TA 2.9	Building Material and Science
	TC 2.3	Soil Mechanics	AC 1.3	Computer Programming and Numerical Methods
	TA 2.3	Building Construction	AA 1.3	Computer Programming and Numerical Methods
	BC 2.3	Advanced Reinforced Concrete Design	BCO 3.3	Prestressed Concrete Structures
	BA 2.3	Building Services	BCO 3.24	Water Resource Management
			BAO 3.4	Interior Design
09-Jun-16 Thursday	TC 1.4	Engineering Mathematics	TC 2.4	Mechanics of Solids
	TA 1.4	Engineering Mathematics	TA 2.4	Structural Mechanics
	TC 2.11	Fundamentals of Civil Engineering	AC 1.4	Foundation Engineering
	TA 2.12	Fundamentals of Arch. Engineering	AA 1.4	Foundation Engineering
	BC 2.4	Optimization in Structural Design	BCO 3.12	Bridge Engineering
	BA 2.4	Advanced Structural Design	BAO 3.5	Landscape Architecture
10-Jun-16 Friday	TC 1.5	Engineering Drawing	TC 2.5	Basic Structural Design
	TA 1.5	Engineering Drawing	TA 2.5	Theory of Structures
	TC 2.10	Engineering Graphics & Design	AC 1.5	Reinforced Concrete Structures and Advanced Concrete Technology
	TA 2.11	Engineering Graphics & Design	AA 1.5	Reinforced Concrete Structures and Advanced Concrete Technology
	BC 2.5	Environmental Engineering	BCO 3.9	Traffic Engineering
	BA 2.5	Environmental Engineering	BAO 3.6	Disaster Management for Buildings
11-Jun-16 Saturday	TC 1.6	Engineering Chemistry	AC 1.6	Design of Steel Structures
	TA 1.6	Engineering Chemistry	AA 1.6	Design of Steel Structures
	TC 2.6	Environmental Engineering	BAO 3.7	Advanced Comp. Application for Arch.
	TA 2.10	Environmental Engineering	BAO 3.8	Climatology and Architecture
	BCO 3.7	Building Science	TA 2.6	Estimation and Costing
	BAO 3.1	Elements of Town Planning and Architecture	BCO 3.10	Highways and Railways Engineering

Notes: -

1. ICE (I) has the right to change the schedule of paper/s on account of unavoidable circumstances.
2. Candidates must ensure that they receive their admit card at least 15 days before the commencement of the examination.
3. The Examination hall will be opened 15 minutes before the time specified for the commencement of the Examination.
4. Candidates will be allowed to appear only in those paper which have been indicated in the Admit Card.
5. Candidates can carry only Non-Programmable Calculators and ORIGINAL Standard Design-Data Books, Log Tables in the Examination Hall for the specified papers as indicated in the Admit Card.
6. Candidates are required to bring their own drawing board/instrument box for Engineering Graphics/Engineering Drawing Examination.
7. Candidates will not be allowed to enter the Examination Hall without his/her Admit Card and I. Card.
8. No Candidates will be allowed entry to the Examination Hall if he/she is late by 30 minutes of the start of the Examination.
9. A Candidates is not allowed to leave the Examination Hall till the expiry of 60 minutes of the commencement of the Examination. The Test Booklet must be handed over to the Invigilator even if no question has been attempted.
10. Candidates should not carry mobile phones to the Examination Hall as no arrangements are made in the Examination Centre for the safe-custody of the mobile phones.
11. Candidates should not carry any material printed or otherwise related to the concerned Examination, as a candidates can be physically searched at any time by the Centre Superintendent/Invigilator/Observer, deputed by the ICE(I) before or during the Examination.
12. Use of unfair means such as copying, exchanging Test Booklet or any other material and communicating in any manner with any individual other than the Invigilator or misbehaving with the Invigilator/ Examination Staff, cheating, arguing will be treated as unfair means.

TC :	T. Engg. (Civil)	AC :	AMICE(Civil) Section A	BC :	AMICE(Civil) Section B	BCO :	AMICE(Civil) Section B (Optional)
TA :	T. Engg. (Arch.)	AA :	AMICE(Arch.) Section A	BA :	AMICE(Arch.) Section B	BAO :	AMICE(Arch) Section B (Optional)

ADD TO YOUR VOCABULARY

- **Model Home**
A dwelling built first by a developer to allow potential purchasers to see what the finished product will look like once the other homes in the development are completed.
- **Modular Housing**
Known as “pre-fab” housing, any dwelling that is assembled cut of components (i.e. walls, floors, roof) constructed off-site and then brought to the building lot. Also known as manufactured housing.
- **Movable Bridge**
A bridge in which the deck moves to clear a navigation channel: a swing bridge has a deck that rotates around a center point; a drawbridge has a deck that can be raised and lowered; a bascule bridge deck is raised with counterweights like a drawbridge; and the deck of a lift bridge is raised vertically like a massive elevator.
- **Mullian and Muntin**
Mullians are the vertical dividers and muntins are the horizontal dividers found in the frames of windows, doors or other openings.
- **Paper Building**
Building paper is a general term referring to sheets of materials used in construction that are made out of either paper, felt or similar material. Often used as a moisture or air barrier. Sometimes called Sheathing paper.
- **National Building Code**
Published regulations and ordinances established by Bureau of Indian Standards describing design loads, procedures, and construction details for structures. Usually applying to designated political jurisdiction (city, country, state, etc). Building codes control design, construction, and quality of materials, use and occupancy, location and maintenance of buildings and structures within the area for which the code was adopted.
- **Parting Stop or Strip**
A small wood piece used in the side and head jambs of double-hung windows to separate upper and lower sash.
- **Passive Solar Heating**
The maximization of the sun’s heating abilities through careful design of a building.
- **Pea Gravel**
Portion of concrete aggregate passing the 3/8” sieve and retained on a No. 4 sieve.
- **Pot Holes**
Irregular shaped, disintegrated areas of bridge deck or approach pavement concaved by the failure of the surface material.

OUR PARTNERS TO CONDUCT PRACTICALS & SUBMISSION OF PROJECT REPORTS

(AICTE approved Institutions In different States/Cities)

Andhra Pradesh	
1.	Chaitanya Engineering College Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam - 530041, Andhra Pradesh
2.	Koneru Lakshmaiah College of Engineering, Green Fields, Vaddeswaram, Guntur Distt.- 522502 Andhra Pradesh
3.	Kakatiya Institute of Technology & Science. Opp. Yerragattu Hillock, Vill-Bheemaram, Mandal-Hasanparthy, Warangal - 506015, Andhra Pradesh
4.	Sri Venkateswara College of Engineering & Technology, Chittor, Andhra Pradesh
5.	Chaitanya Bharathi Institute of Technology, Chaitanya Bharathi, P.O. Gandipet, Hyderabad - 500075, Andhra Pradesh
6.	Govt. Polytechnic, Masabtank, Hyderabad-28, Andhra Pradesh
7.	Rajeev Gandhi Memorial College of Engg. & Tech. N.H.-18, Kurnool District, Nandyal-518501, Andhra Pradesh
8.	Mumtaz College of Engg. & Technology Malakpet, Hyderabad- 36, Andhra Pradesh
9.	KLR College of Engg. & Tech. Khammam District, Paloncha Andhra Pradesh
10.	Nagole Institute of Technology & Science Kuntloor (V), Hayathnagar (M), Hyderabad, Ranga Reddy District-501505 Gveta, Hyderabad-501505, Andhra Pradesh
Assam	
1.	Assam Engineering College Jalukabari, Guawhati-781018, Assam
2.	Jorhat Engineering College, Government of Assam, Jorhat-785007, Assam
3.	Down Town Group of Institution Assam Down Towan University Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati-781026, Assam
4.	Royal School of Engg & Technology Civil Engineering Department, Betkuchi, Guwahati-781035, Assam
5.	Nowgong Polytechnic, Panigaon, Nagaon-782001, Assam
6.	School of Engg. & Technology Kaziranga University, Koraikhowa, NH 37, Jorhat-785006, Assam
Bihar	
1.	RP Sharma Institute of Technology, Patna, RPS Complex, Bailey Road (West) Danapur Patna - 801503 Bihar
2.	Netaji Subhas Institute of Technology, Amhara, Bihta, Patna- 801118 Bihar

Chattisgarh

- | | |
|----|---|
| 1. | Ashoka Institute of Technology & Management,
Gram-Torankata, Post-Somni, G.E. Road, Rajnandgaon-491441, Chhattisgarh |
| 2. | Dignity College of Architecture
NH-6, Anjora, Opposite Govt. Veterinary Hospital, Durg-491001, Chhattisgarh |

Delhi

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| 1. | Chhotu Ram Rural Institute of Technology & Pharmacy,
Kanjhawala, (Ghevra), Delhi-110081 |
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Gujarat

- | | |
|----|---|
| 1. | L. D. College of Engineering,
Government of Gujarat, Near Navranpura, Ahmedabad - 380015, Gujrat |
| 2. | Government Engineering College
Shamlaji Road, Modasa - 383315, Gujarat |
| 3. | Sree Tapi Brahmcharyashram Sabha College of Diploma Engineering
Opp. Spinning Mill, Varachha Road, Surat - 395006, Gujarat |
| 4. | Sardar Vallabhbhai Patel Institute of Technology,
PO. Box No. 22, District – Anand, Vasad-388306, Gujarat |

Haryana

- | | |
|----|---|
| 1. | M.M. Engineering College,
M.M. Group of Institutions, Mullana Distt. Ambala, Haryana |
| 2. | Lingaya's Institute of Management & Technology
Nauchauli, Old Faridabad, Jasana Road, Faridabad - 121002, Haryana |
| 3. | Lingaya's University
Nachauli, Old Faridabad, Jasana Road, Faridabad-121002, Haryana |
| 4. | Haryana College of Technology & Management
P.O.Box No.44 Ambala Road, Kaithal - 136027, Haryana |
| 5. | Sat Kabir Institute of Technology & Management,
Vill. Ladrawan, Teh. Bahadurgar, Dist. Jhajjar, (Near Qutubgarh-Delhi Border),
Haryana-124507 |
| 6. | NCR Polytechnic,
Vill.-Kulasi, Bahadurgarh, Jhajjar, Haryana |
| 7. | Delhi College of Technology & Management
77 Km Stone, NH-2, Gudhrana, Distt. Palwal Haryana-121105 |
| 8. | NGF College of Engineering & Technology
71st K.M. N.H.-2, Delhi Mathura Highway (NCR), Palwal- 121102, Haryana |
| 9. | Delhi Technical Campus
4th Km Stone, Main Bahadurgar Badli Gurgaon Road, Naya Gaon, Bahadurgarh
Distt. Jhajjar, Bahadurgarh-124507, Haryana |

Himachal Pradesh

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|----|--|
| 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
Jharkhand	
1.	Government Polytechnic P.O.- B. Polytechnic, Dhanbad-828130, Jharkhand
2.	Cambridge Institute of Technology Tatisilwai, Ranchi-835103, Jharkhand
3.	Government Polytechnic Ranchi-834001, Jharkhand
4.	Mining Institute, P.O. – B. Polytechnic Dhanbad-828130 Jharkhand
Jammu & Kashmir	
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
Karnataka	
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
Kerala	
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 Thrikkanapuram P.O., Malappuram District. -679573 Kerala
4.	SSM Polytechnic College Tirur- 676105, Kerala
Madhya Pradesh	
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
Maharashtra	
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
Odisha	
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
Punjab	
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
Rajasthan	
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
Tamil Nadu	
1.	Apollo Priyadarshanam Institute of Technology Panruti, Sriperumbudur Taluk, Kancheepuram District, Chennai-631604, Tamil Nadu
Uttrakhand	
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
Uttar Pradesh	
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 th 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 Indiarra Canal Lucknow-227105Uttar Pradesh
12.	M G Institute of Management & Technology 8 th 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 th 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
West Bengal	
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
	Total	124

Professional Vistas

<ul style="list-style-type: none"> • Recognition by Govt. of India, Ministry of Human Resource Development, Department of Higher Education vide Gazette Notification No. F.24/1/2007-TS.III Dated 06.11.2007.
<ul style="list-style-type: none"> • Recognition by Association of Indian Universities (AIU) vide letter No. EV/III (366)/2008/71 Dated 11.04.2008.
<ul style="list-style-type: none"> • Recognition by All India Council for Technical Education (AICTE) vide letter No. Eqvi./AB/Gen.Corr./2008-09 Dated 16.09.2008.
<ul style="list-style-type: none"> • Recognition by Union Public Service Commission (UPSC) vide letter No. F.2/1/2007-EIB Dated 30. 06.2009.
<ul style="list-style-type: none"> • Recognition for GATE by National Coordinating Board-Gate, Deptt. of Education, MHRD, Gol.
<ul style="list-style-type: none"> • Recognition by Government of Goa vide letter No.12/11/87-PER/Vol.II Dated 06.03.2008.
<ul style="list-style-type: none"> • Recognition by Directorate of Technical Education, Haryana vide letter No.351-53/Dev. Dated 13.06.2008.
<ul style="list-style-type: none"> • Recognition by Government of Kerala vide letter No.3946/GI/08/H. Edn Dated 08.07.2008
<ul style="list-style-type: none"> • Recognition by RITES Limited vide letter No. RITES/RI/RCED/Misc/2008 Dated 14.07.2008.
<ul style="list-style-type: none"> • Recognition by Delhi Development Authority (DDA) vide letter No.F.7(98)2008/PBI/2399 Dated. 20.08.2008.
<ul style="list-style-type: none"> • Recognition by Government of Meghalaya vide letter No. FDN.156/2001/249-A Dated 21.08.2008.
<ul style="list-style-type: none"> • Recognition by IRCON INTERNATIONAL LIMITED vide letter No. IRCON/HRM/31/28/728 Dated 01.09.2008.
<ul style="list-style-type: none"> • Recognition by Directorate General Border Roads vide letter No. 13616/Gen/Rect /DGBR/97/E1A Dated 21.10.2008.

<ul style="list-style-type: none"> • Recognition by Government of National Capital Territory of Delhi vide letter No.1(1)/2008-DD/SB/1520/5609 Dated 29.10.2008.
<ul style="list-style-type: none"> • Recognition by Shapoorji Pallonji & Co. Ltd. vide letter No. Nil Dated 30.10.2008.
<ul style="list-style-type: none"> • Recognition by Government of Andhra Pradesh vide letter No. 10232/EC.2/2008-02 Dated 05.11.2008.
<ul style="list-style-type: none"> • Recognition by Administration of Daman & Diu (UT) vide letter No. 10.2 (PART-IV) EST-GP/2008-09/797 Dated 11.11.2008.
<ul style="list-style-type: none"> • Recognition by CPWD- Central Public Works Department, Government of India vide letter No.A-12021/1/2006-EC VI/74-75 Dated 19.01.2009.
<ul style="list-style-type: none"> • Recognition by Visvesvaraya Technological University, Karnataka vide letter No. VTU/Aca/OS-GC/2009-10/2118 Dated 04.06.2009
<ul style="list-style-type: none"> • Recognition by Government of Nagaland vide letter No. IT/10-1/04 Dated 30.07.2009
<ul style="list-style-type: none"> • Recognition by Government of Uttarakhand, PWD, Pauri Garhwal vide letter No.1011/20(15) E.A.-Parv./09-10 Dated 06.09.2009.
<ul style="list-style-type: none"> • Recognition by Government of Chhattisgarh, Department of Technical Education, Manpower Planning, Science & Technology, Mantralaya, D.K.S Bhavan, Raipur vide letter No.F-14/07/42 Dated 11.05.2010.
<ul style="list-style-type: none"> • Recognition by Government of Punjab, Technical Education and Industrial Training, Punjab Chandigarh. vide letter No.1362 Dated 24.06.2010.
<ul style="list-style-type: none"> • Rural Electrification Corporation Limited (A Government of India Enterprises) vide letter No. REC/ED(HR)/Trg./2010-11/ Dated 10.08.2010
<ul style="list-style-type: none"> • Cement Corporation of India Ltd. (A Government of India Enterprises) vide letter No. PD/HRD/6/6/2010/6119 Dated 12.08.2010

<ul style="list-style-type: none"> • Recognition by Delhi Metro Rail Corporation Ltd. vide letter No DMRC/O&M/HR/2010 Dated 20.08.2010 	<ul style="list-style-type: none"> • Recognition by All India Management Association (AIMA) Vide No. MAT/M-14 Dated 18.12.2013
<ul style="list-style-type: none"> • Recognition by Oil and Natural Gas Corporation Ltd. Rectt. Section, Tel Bhawan, Dehradun vide letter No. 7(2)/PR-Rectt./2010 Dated 26.08.2010 	<ul style="list-style-type: none"> • Recognition by Jawaharlal Nehru Technological University, Hyderabad Vide No. MAT/M-14 Dated 18.12.20A1/1640/2014 Dated 07.01.2014
<ul style="list-style-type: none"> • Recognition by Anna University Chennai, Chennai-600025 vide letter No.2664?AU/DD1-DAC/2011/F21 Dated 07.01.2011 	<ul style="list-style-type: none"> • Recognition by NHPC Limited Vide letter No.NH/HR/Rectt./060/Int.Ind./2014/308 Dated 17.07.2014
<ul style="list-style-type: none"> • Recognition by Government of West Bengal, Directorate of Technical Education & Training, Kolkata vide letter No.728 TET Dated 28.03.2011 	<ul style="list-style-type: none"> • Recognition by Instrumentation Limited Vide letter No. IL/CPD/Rectt-73/2014-15 Dated 18.07.2014
<ul style="list-style-type: none"> • Recognition by Government of Karnataka Vide Govt. order No. ED 21 UTV 2012 Dated 09.03.2012 	<ul style="list-style-type: none"> • Recognition by Rajasthan Technical University Vide website Notification dated 07.07.2014
<ul style="list-style-type: none"> • Recognition by State Board of Technical Education and Training, Andhra Pradesh, Hyderabad Vide letter No. No. Lr.No.SBTEL/B5-775/596/EQUI/2012 Dated 02/04/2013 	<ul style="list-style-type: none"> • Recognition by XAT Vide Fax dated 14.11.2014
<ul style="list-style-type: none"> • Recognition by Maharshi Dayanand University Rohtak Vide letter No. AC-3/2013/F-207/4085-98 Dated 26.04.2013 	<ul style="list-style-type: none"> • Recognition by University of Mumbai Vide letter No. Elg/2331 of 2014 dated 26.11.2014
<ul style="list-style-type: none"> • Recognition by Andhra Pradesh Public Service Commission Vide letter No.1549/RN/2012 dated 29.04.2013 	<ul style="list-style-type: none"> • Recognition by Army Vide letter No.B/60202/ RTG UES dated 28.11.2014
<ul style="list-style-type: none"> • Recognition by CAT Vide e- mail Dated 23.07.2013 	<ul style="list-style-type: none"> • Recognition by Mahatma Gandhi University, Kerala Vide letter No. AcD/02/4092/2014 dated 2.12.2014
<ul style="list-style-type: none"> • Recognition by Birla Institute of Technology, Mesra Ranchi-835215 Vide letter no. GO/ICE(I)/13-14/3781 Dated 05.08.2013 	<ul style="list-style-type: none"> • Recognition by Assam Don Bosco University, Assam Vide letter No. DBU/SM/33/15-01 dated 3rd March,2015
<ul style="list-style-type: none"> • Recognition by Public Service Commission, West Bengal Vide No. 101PSC(S&R)/2M-1/09(S&R)(Pt) Dated 07.08.2013 	<ul style="list-style-type: none"> • Counselling Cell of Directorate of Technical Education Government of Madhya Pradesh Vide Website details : Dte.mponline.gov.in
<ul style="list-style-type: none"> • Karnataka Public Service Commission Vide No. R(i)484/13-1 Dated 30.09.2013 	<ul style="list-style-type: none"> • Recognition by Govt. of Himachal Pradesh Vide letter No. EDN(TE)F(10)1/2012 dated 24th August,2015
<ul style="list-style-type: none"> • The Institution of Engineers (India) Vide No. EEA/ACC/3179/A KG Dated 11.11.2013 	<ul style="list-style-type: none"> • National Scholarship Portal https://www.scholarships.gov.in
<ul style="list-style-type: none"> • Meghalaya Public Service Commission Vide No. MPSC/E-27/2011-2012/85 Dated 15.11.2013 	

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

Shastri Bhawan, New Delhi,
the 6th 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 22nd 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

SNIPPETS

JANUARY - 2016

Assocham National Councils on Real Estate

Assocham's National Councils. These Council discusses & debates and concretizes the expert views on various issues brought to its notice of national importance. ICE(I) have been associated in the following National Councils :-

Real Estate has associated Dr. S.L. Swamy, Chairman, ICE(I) on its Council
Education Sector has associated Mr. Prithipal Singh, Secretary General on its Council
Skill Development has associated Mr. T.R. Piplani, Director (PR) on its Council

Mukhyamantri Kaushal Vikas Yojna of Chhattisgarh State under CSSDA

ICE(I) has been empanelled as Third Party Assessing Body under Mukhyamantri Kaushal Vikas Yojna of Chhattisgarh State under Chhattisgarh State Skill Development Authority (CSSDA) for the all trades under Construction Sector vide their order dated 22nd January, 2016.

Visit of Director of National Instructional Media Institute (NIMI), Ministry of Skill Development & Entrepreneurship, Govt. of India to the ICE(I) on 22nd January, 2016

Mr. A Mahendiran, Director, NIMI, visited the Institution of Civil Engineers (India) on 22nd January, 2016 and interacted with Mr. Prithipal Singh, Secretary General, Mr. T.R. Piplani Director (PR). They shared the system of engineering profession and they were apprised of the systems and procedure as are prevalent particularly for the working professionals through industry relevant courses. He was very happy to receive the feedback from the Institution of Civil Engineers (India) and he desired to be in constant touch with the ICE(I) to explore the areas for mutual understanding and cooperation and join hands to work together to promote & strengthen the Engineering profession by producing skilled industry ready personnel through Development of Instructional Material for the courses under Construction Sector. (Photo can be seen in the Photo Gallery)

India Celebrates 67th Republic Day

Why 26th January Republic Day?

Replacing the Government of India Act (1935) the Constitution was adopted by the Indian Constituent Assembly on November 26, 1949. But the Constitution of India came into force on January 26, 1950 with a democratic government system. The day January 26 was selected because it was on this day in 1930 when the Declaration of Indian Independence (Purna Swaraj) was proclaimed by the Indian National Congress.

This Republic Day, let's celebrate the spirit of togetherness.
Congratulations to India on its 67th Republic Day!

FEBRUARY - 2016**ICE(I) candidate's Achievement**

We are pleased to notify that one of our candidate Ms. Swarnalata Jena has been selected by Odisha Public Service Commission for the post of Assistant Executive Engineer (Civil) in Group-A of Odisha Engineering Service. It is worth mentioning here she is one of the recipients of ICE(I)'s Associate Membership Award for Academic Excellence 2013. Our heartiest congratulations to her.

CYNOSURE-2K16

At the invitation of Suddhananda Group of Institution, Mr. Prithipal Singh, Secretary General was the Chief Speaker at the Annual Day event on 11th February, 2016 at Bhubaneswar. Mr. T.R. Piplani, Director (PR) was the Guest of Honour. The gala event was well attended by the students, faculty and other invited guests across the Institutions of the Group. This was well covered by the local print and electronic media.

9th ASSOCHAM Higher Education Summit 2016

Keeping in view the holistic and integrated approach taken by the Government in structuring the National Higher Education Policy 2016 with new steps and initiatives being under-taken to strengthen quality in the existing institutions and universities while boosting "Digital India". ASSOCHAM organized in association with MHRD and eminent education bodies. National Higher Education Summit on Role of Higher Education in Leveraging Indian Innovation Ecosystem on the 17th February 2016 followed by National Excellence Awards to felicitate and honoring those institutions, universities, colleges and schools who have contributed significantly in improving quality and bringing out desired reforms in Education Sector with employability research and innovations by the Union Minister of State for Human Resource Development, Mr. Ram Shankar Katheria. ICE(I) was also represented at the event.

Ricoh Education Excellence Awards 2016

BW Businessworld brought Ricoh Education Excellence Awards on 19th February, 2016, in collaboration with Ricoh. Ricoh has been partnering with educational institutes to help them reap maximized benefits from technology integration and is constantly working with various stakeholders towards developing technology based solutions aimed at different user segments. It gave a platform to recognize the efforts of institutions who have made use of technology from classrooms to their campuses and felicitating exceptional educators and leaders who are paving the way for connected learning, those whose exemplary work provides a model for teaching, learning and leading in the digital age. It was well attended event wherein ICE(I) was also represented.

MARCH - 2016**AIMA's 2nd National Leadership Conclave
"Breaking Through: Making India a Creative Superpower"**

The Conclave aimed to assess the country's preparedness for the new economy and identify ways to harness the intellectual and institutional resources to make India a creative superpower. The Conclave attracted huge delegates from Industry, government, media and academia. At the invitation from AIMA, ICE(I) also represented at the event held on 3rd & 4th March, 2016 at New Delhi.

CECAR7

Asian Civil Engineering Coordination Council (ACECC) is organizing the 7th Civil Engineering Conference in the Asia Region (CECAR7) from 30th August-2nd September, 2016 at Hawaii, USA. The theme of the conference is **"Ho-'omalalama: Building a Sustainable Infrastructure in the Asia Pacific Region"** This rare event will be attracting Civil Engineering Practitioners, Students, Academia & Industries Internationally. ICE(I) has submitted abstracts of eleven papers on the conference theme for their consideration. Out of these seven have been accepted for paper presentation and two accepted for poster presentation from ICE(I).

Winter-2015 Examination Results

Results of Winter Examination were declared on 11th March, 2016 under intimation to the respective Student Chapters'/ICE(I) Offices.

**Asian Civil Engineering Coordinating Council (ACECC)
30th ECM Executive Committee Meeting**

ICE(I) hosted 30th ECM of ACECC held on 25th-26th March, 2016 at WelcomHotel, Dwarka, New Delhi. Report of the mega event may be seen in this issue.

Some *Reflections*

on

Engineers Day on 15th September, 2015 & ECM of ACECC on 26th March, 2016

Dr. Sudhir Krishna, IAS (Retd.)
Ex-Secretary
Ministry of Urban Development
Govt. of India

"ICE(I) has been doing a commendable job all these years and the same was very well reflected in the meticulous details with which the Convocation and the National Seminar were organized. The souvenir contains valuable information by way of the record of the speeches and thematic articles and should be useful to the researchers and practitioners alike"

Dr. Shailesh Kr. Agrawal
Executive Director, BMTPC
Ministry of Housing & Urban Poverty Alleviation
Govt. of India

"I would like to congratulate you for successful organization of National Seminar on Role of Civil Engineers in Make in India on Engineers' Day. I have also received a copy of the proceedings of National Seminar. The proceeding has come out very well and would go a long way in building Civil Engineers role"

Er. Puskal Upadhyay
Addl. Mission Director (AMD)
National Mission for Clean Ganga (NMCG)
Ministry of Water Resources,
River Development & Ganga Rejuvenation
Govt. of India

"Thanks a lot for sending the photographs. It was an opportunity to participate in the program and address the august gathering. I look forward to be working with Institution of Civil Engineers. It was a great opportunity"

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 or at Delhi Office.

Secretary General



THE INSTITUTION OF CIVIL ENGINEERS (INDIA)

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Delhi office: 'Career House' 4, East Park Road, Karol Bagh, New Delhi-05
Email: icei.alumni@gmail.com Website: www.ice.net.in

ALUMNI MEMBERSHIP FORM

1 Name (In Capital Letters) : _____

2 Father's Name : _____

3 Membership Certificate obtained : T.Engg./AMICE
from ICE(I) with details : 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

Visit of Director NIMI to ICE(I) on 22nd January, 2016



L-R Mr. A Mahendiran, Director, NIMI, Mr. Prithipal Singh, Secretary General & Mr. T.R. Piplani, Director (PR)

GLIMPSES OF ACECC 30TH ECM IN INDIA







The Institution of Civil Engineers (India)

(A Govt. of India Recognized Degree Level Institution)

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