

THE CIVIL ENGINEER

E-NEWSLETTER

Volume-VI [1st Quarterly Issue] 2015



The Institution of Civil Engineers (India)

The Civil Engineer

E-NEWSLETTER

Volume -VI, [1st Quarterly Issue] 2015

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The Institution of Civil Engineers (India)

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

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Flash

As part of our endeavor to give back to the environment in which we operate we had launched the e-version of The Civil Engineer Newsletter, since last issue, and we would like to thank you for the support you have extended in this initiative.

Readers are requested to send their contributions for inclusion in the quarterly e-newsletter to make the issues more enjoyable and interesting. Their feedback and suggestions are most welcome and may be sent to the Secretary General, ICE (I).

Fliers on the Wings of ICE(I)

It has been decided to start a new column "**Fliers on the Wings of ICE(I)**" wherein the success stories of ICE(I) candidates will be highlighted. Such stories besides the candidates who have got promotions after completing their course through ICE(I) may be sent to the Secretary General, ICE(I) through respective Institutional Member (Students' Chapter) for inclusion in the newsletter of ICE(I).

Mark your Calendar for Engineers' Day 2015

Engineers' Day 2015 will be celebrated on Tuesday the **15th September, 2015** at the same venue i.e. **A. P. Shinde Auditorium, NASC, Pusa, New Delhi** where the 2014 programme was held by the ICE(I). The programme will include **National Seminar** on a current topic of interest to the Engineering fraternity, followed by **5th Convocation** which will be presided over by an academicians par excellence, who will also deliver the Convocation Address and bless the new graduands.



From the Editor-in-Chief's Desk

Change is the law of nature and the circle of change goes on moving. If it does not happen, there will be stagnation and monotony. After having produced the newsletter in print form for years together we thought of a change to transform it to e-version and I am happy that we got encouraging response. There is a wind of change when we find e-business, e-governance, e-services and why not e-version of our newsletter which is instant, economical and as an easy reference too.

The first issue of this year's newsletter whose periodicity has been made quarterly is before you and you can log on to our website and have a look at it. You will have the newsletter every quarter i.e. in the months of April, July, October & December.

This issue contains article on "Low Cost

Soil Stabilization" by Mr. Deepak Gupta, Research Scholar Department of Civil Engg, NIT, Jalandhar (Pb), Making India Build-Worthy, Roads, Smart Cities to open up job market. I am sure the readers will find these articles interesting. The other features like "Add to your Vocabulary", Partners to conduct Practical & Projects & Professional Vistas are all available in the updated status.

I would like to draw your attention to the two highlighted news items titled "Fliers on the Wings of ICE(I)" and "Flash" which I want the readers to take up seriously. The newsletter is a joint venture. It is by us and for us, why then not come forward to enrich it with whatever contribution you can make in this direction.

My best wishes to you all. Just by way of advise, please concentrate on your next examination in June 2015 and do well.

Dr. S.L.Swamy
Chairman



From the Editor's pen

Dear Readers,

It gives me great pleasure to present the current issue of "The Civil Engineer" e-newsletter.

It has now been six months since we launched the e-version of "The Civil Engineer" Newsletter, as part of our endeavor to give back to the environment in which we operate, and I would like to take this opportunity to thank you for the support you have extended in this initiative.

Infrastructure is quintessential for the functioning of economy-in fact all components of it-ranging from a normal household to a business or even the government, every 'engine' needs access to quality infrastructure.

Let us ponder on two important issues i.e. Current Union Budget and Center's flagship "Smart cities" programme.

The recently announced Union Budget has provided impetus to Real Estate & Urban Development Sector by allocating sizeable amount and also allowed pass-through facility to the interest earned on Real Estate Investment Trusts (REITs).

While these are welcome initiatives for stimulating the growth of the Sector, there are other tax and policy related

issues that are required if we have to realize the true potential of this crucial Sector of the economy. Besides, we also need to work closely with all stakeholders on taking ahead the crucial issues of Real Estate (regulation & Development) Act and providing "Affordable Housing for All" by 2022.

India is at the cusp of urbanization development and it is imperative that we focus on innovative and sustainable solutions. The Smart city initiative will be driven by technology. It is imperative that India embraces the global best practices in the management of cities.

Since a Smart City initiative in any city would entail a host of sub components including transportation, responsive public services, infrastructure for employment, ICT, etc, it would be beyond the scope of any one organization to deliver seamlessly across these requirements. We need to create industry-led consortia, which could render the full range of services for the development of a Smart City.

I hope you would enjoy reading this issue of "The Civil Engineer" e-newsletter and I look forward to your feedback and comments to make it more interesting and informative.

Prithipal Singh
Secretary General

LOW COST SOIL STABILIZATION

Pavement design is based on the premise that minimum specified structural quality will be achieved for each layer of material in the pavement system. Each layer must resist shearing, avoid excessive deflections that cause fatigue cracking within the layer or in overlying layers, and prevent excessive permanent deformation through densification. As the quality of a soil layer is increased, the ability of that layer to distribute the load over a greater area is generally increased so that a reduction in the required thickness of the soil and surface layers may be permitted. The most common improvements achieved through stabilization include better soil gradation, reduction of plasticity index or swelling potential, and increases in durability and strength. In wet weather, stabilization may also be used to provide a working platform for construction operations. These types of soil quality improvement are referred to as soil modification (Joint Departments of the Army and Air Force, 1994). Soil stabilization using different techniques waste materials

Fly ash:

Fly ash is fine particulate ash created by the combustion of a solid fuel, such as coal, and discharged as an air born emission, or recovered as a byproduct for various commercial uses. Fly ash is used chiefly as a reinforcing agent in the manufacture of bricks, concrete, et cetera. There are two major classes of fly ash, C and F. Class F is produced from burning anthracite or bituminous coal; it usually has cementitious properties in addition to pozzolanic properties. Class C is produced by burning sub-bituminous coal and lignite, and is rarely cementitious when mixed with water alone. White (2005) reported: Fly ash increases compacted dry density and reduces the optimum moisture content.

- Strength gain in soil-fly ash mixtures depends on cure time and temperature, compaction energy, and compaction delay.
- Fly ash effectively dries wet soils and provides an initial rapid strength gain,

which is useful during construction in wet, unstable ground conditions. Fly ash also decreases swell potential of expansive soils by replacing some of the volume previously held by expansive clay minerals and by cementing the soil particles together.

- Soil-fly ash mixtures cured below freezing temperatures and then soaked in water are highly susceptible to slaking and strength loss. Compressive strength increases as fly ash content and curing temperature increase.

Recycled Crushed Concrete Aggregates

Recycled concrete aggregate (RCA) or crushed concrete is produced from construction and demolition debris. Common projects that produce RCA include demolition of curbing and building slabs, concrete pavements, as well as concrete-block and reinforced-concrete structures. RCA is a material composed by nearly 60 to 75 percent of high quality, well graded aggregates bonded by a hardened cemented paste. RCA may include 10 to 30 percent sub-base soil materials removed with the concrete pavement or asphalt from the shoulder or composite pavement surface. The RCC used in this study is a zero slump soil-cement type mixture that is generally laid with a paver and compacted with a roller to an appropriate density. RCA use as a base and sub-base is more prevalent in the construction of city- and county jurisdiction roadways that typically have lower traffic volumes. Approval of these materials is also done on a case-by-case basis, with most local agencies requiring documentation of material properties and contaminant content prior to use in a new roadway.

Scrap Tire:

Tire wastes can be used as lightweight material either in the form of whole tires, shredded or chips, or in mix with soil. Many studies regarding the use of scrap tires in geotechnical applications have been done especially as embankment materials.

Tires have been reused in many different applications mainly related to production of

new rubber based materials. Another major form of tire recycling is burning tires for fuel at tire derived fuel (TDF) facilities. There have also been reports that describe construction related applications for waste tires such as crumb rubber modifiers for highway pavement and shredded tires as fill material.

Pond ash

Pond ash is the product of combination of Fly ash, Bottom ash and Coal which are by-products of thermal power plants. Together these are mixed with water to form a slurry, that slurry is pumped to the ash pond. In ash pond area, excess water is removed and the ash settles as residue. This residual deposit is called pond ash. This is used as filling materials including in during construction of roads, dams & embankments, pond ash is used as a filler material

As compared to the natural soil, the weight of pond ash is very less and it has self-draining capability. It is necessary to know the strength characteristics of pond ash before its successful application in various fields. During the construction of embankments, abutments, earthen dams and other retaining structures a huge amount of soil is needed. Due to rapid industrialization and the scarcity of availability of natural soil the scientists thought to utilize the waste products of power plants as a replacement to the natural soil. This will solve the environmental issues due to the deposition of the by-products and also reduce the scarcity of natural soil

At present scenario the use of pond ash in India in other fields is negligible. Only about 35% of the pond ash is being used commercially. It shows that in order to preserve the valuable natural soil it is necessary to utilize the pond ash to the maximum extent. Recently Pond ash is being used as a filler material in low lying areas. This is also used for embankment construction in some areas. However, its use is limited due to lack of sufficient knowledge about its characteristics and some other physical properties.

Rice husk ash:

Rice husks are the shells produced during de-husking operation of paddy, which varies from 20% (Mehta, 1986) to 23% (Della et al., 2002) by weight of the paddy. The rice husk is considered as a waste material and is being generally disposed of by dumping or burning in the boiler for processing paddy. The burning of rice husk generates about 20% of its weight as ash (Mehta, 1986). Silica is the main constituent of rice husk ash (RHA) and the quality (% of

amorphous and un-burnt carbon) depends upon the burning process (Nair et al., 2006). The RHA is defined as a pozzolanic material (ASTM C 168, ASTM 1997) due to its high amorphous silica content (Mehta, 1986).

Municipal Solid Waste (MSW) Ash

MSW ash is a by-product that is produced as a result of burning municipal solid waste. There are two different types of facilities that produce MSW ash, mass burn and refuse derived fuel (RDF). Mass burn facilities basically incinerate all the waste entering in the waste stream.

Road pavement is a stratified, multi-layered structure consisting of a surface layer (made of bitumen or asphalt), a middle layer (base course and sub base) and the lowest layer (sub grade). MSW fly ash possible application in road pavement is as a substitute for sand and/or cement in cement stabilized bases and sub bases. Environmental issues related with this application are the contamination of the underlying soil and groundwater by substances leached from the road base.

The reuse of recycled materials in civil engineering applications is favorable because of the suitable engineering properties of the materials, the lower cost compared to traditional construction materials, and the fact that reusing these materials keeps them from being dumped into landfills. There are however, several issues and concerns that arise with the reusing waste materials. The biggest concerns probably are the environmental impacts associated with reusing these materials. A good majority of the materials showing potential for reuse come from industrial waste sources. A good majority of the materials showing potential for reuse come from industrial waste sources. These materials will typically have some environmental concerns associated with reusing them in civil engineering applications

*Deepak Gupta
Research Scholar
Deptt. of Civil Engg.
NIT, Jalandhar (Pb).*

MAKING INDIA BUILD-WORTHY

The Infrastructure sector in India has come out of a sluggish phase and has taken off on a fresh growth trajectory. Industry experts are of the view that till the end of the financial year 2013-2014, there were hardly any investments in this sector. Several challenges like delays in land acquisition and environmental clearances and heavy interest and working capital were hindering progress. However, things are fast changing and according to government data US\$1trillion will be invested in infrastructure until 2017 as per the 12th five-year plan.

"This scale of investment was much required as no other country in the world requires as much infrastructure as India does. It will not be an exaggeration to say that India can easily absorb investment to the tune of a trillion dollars over the next five years as far as infrastructure development is concerned," says SB Nayar, Chairman and Managing Director, IIFCL (India Infrastructure Finance Company Limited).

Given the high rate of urbanization in India, the government is essentially adopting a multi-dimensional approach to infrastructure development. "In the coming years, the country will develop its roadways, river ways and ports extensively. The plan of 100 smart cities and sanitation across rural and semi urban areas are some key facets of infrastructural development in the country. Emphasis on industrial corridors, development of smart cities, rural infrastructure and renewable energy projects are some primary goals," says Udit Mittal, Managing Director, Unison International, a leading executive search firm.

Industry experts are of the view that nearly 100 million people shall be seeking employment in India in the next 10 years and the infrastructure sector envisages employing more than half this number. In recent years there has been a significant improvement in terms of people practices in infrastructure companies. Most of the companies have spent the last two-three years of slowdown to consolidate and review their people practices, aiming to improve these to meet the challenges of the next wave of growth. According to the 19th edition of Aon Hewitt's annual salary increase survey in India, the industry is projected to get a salary hike of almost 12.2 %.

"Infrastructure is diversified into large and independent domains. Therefore, there are no fixed

qualifications for people who are associated with this sector. People from various domains such as engineering, geography, environment studies are employed along with unskilled laborers," explains Satinder Bhasin, Managing Director of a Noida-based construction Company.

"Roles and responsibilities are largely based on work profiles. In the coming months and years there will be a requirement for both skilled and unskilled resources. In short, there will be a demand for civil engineers, geologists, management personnel, finance experts and masons. Scale of remunerations or salaries will vary among organizations," he adds.

According to the Construction Industry Development Council (CIDC), there are around 32 million people employed in the Indian infrastructure sector out of which majority are unskilled. "This will affect the industry massively if not addressed in time. Even if according to standards a ratio of 3:1 is to be maintained between unskilled and skilled labor in any site, the norm is hardly met in India. As per surveys of NSSO (National Sample Survey Office), 1.28 million of the total workforce should have been either received some form of professional training or certification," says Mittal.

Infrastructure jobs do not only include site jobs. "There are other jobs which require managerial skills. Till a few years back, management courses with a niche focus on the infrastructure sector hardly existed in our country" says Anil Mithas, CMD, Unnati Fortune Group. "Hence, a need has been felt in the sector for specialized courses in infrastructure business. Today there are some institutes offering courses in infrastructure management," he concludes.

*Source & credit: Hindustan Times
dt. 31.03.2015*

ROADS, SMART CITIES TO OPEN UP JOB MARKET

Diversity is perhaps the word which can best describe the recent wave of infrastructural development in India. Be it the 100 smart cities, sanitation cover or roads and highways, there is a need for people who along with technical skills possess knowledge of ground realities.

Though the government has a clear mandate to build roads, highways, buildings, airports, railway tracks, power stations etc that are sophisticated, "there is also a conscious attempt to link all construction activity with the imperatives of social, economic and environmental good, at least at a macro level. Hence, apart from civil and electrical engineers, there will be demand for environmentalists, architects and people with postgraduate degrees in social welfare, environmental engineering and environmental science," says SB Nayar, Chairman and Managing Director, IIFCL (India Infrastructure Finance Company Limited).

Smart cities will generate multiple employment opportunities. "To be precise, corporations and government entities developing smart city projects will require financial analysts, risk managers, IT executives, management professionals, qualified architects, planners and engineers along with the semi-skilled manpower such as electricians, carpenters, bar binders, machine operators and masons," says Udit Mittal, Managing Director, Unison International.

Both unskilled and semi skilled trades will be high in demand. For developing roads and highways, a large pool of unskilled workforce is required.

JOBS IN DEMAND

Infrastructure is diversified into large and independent domains and there are no fixed qualifications for people entering this sector. Those with backgrounds in engineering, geography and environment studies are much in demand.

For specific projects like smart cities there will be a demand for civil engineers, geologists, management personnel, finance experts and project supervisors.

Going forward, this sector will need people who are specialists in research and analysis. Opportunities abound for risk managers, financial analysts and environmentalists.

*Source & credit: Hindustan Times
dt. 31.03.2015*

ADD TO YOUR VOCABULARY

- **Cover Plate**
A plate used in conjunction with flange angles or other structural shapes to provide additional flange section in a beam, column, or similar member.
- **Covered Bridge**
An indefinite term applied to a wooden bridge having its roadway protected by a roof and enclosing sides.
- **Creep Modulus**
The ratio of initial applied stress to creep strain.
- **Crib**
A structure consisting of a foundation grillage combined with a superimposed framework providing compartments or coffer which are filled with gravel, concrete or other material satisfactory for supporting the structure to be placed thereon.
- **Cross Girders**
Girders supported by bearings which supply transverse support for longitudinal beams or girders.
- **Dead Bolt**
A lock that requires a key to open from the outside and a turn bolt from the inside, which slides into a receptacle in the doorjamb. It is also called a deadbolt lock or a dead lock.
- **Curb**
A short barrier paralleling the side limit of the roadway to guide the movement of vehicle wheels and safeguard constructions and pedestrian traffic existing outside the roadway limit from collision with vehicles and their loads.
- **Curtain Wall**
A thin wall, supported by the structural steel or concrete frame of the building independent of the wall below. Also a metal (most often aluminum) framing system on the face of a building containing vision glass panels and spandrel panels made of glass, aluminum, or other material.
- **Cutwater**
A sharp-edged structure built around a bridge pier to protect it from the flow of water and debris in the water.
- **Deck Bridge**
A bridge in which the supporting members are all beneath the roadway.

Compiled by Dr. S.D. Sharma, Director (Academic) ICE(I)

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.	Chaitnaya 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

Chhattisgarh	
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	
1.	Chhotu Ram Rural Institute of Technology & Pharmacy, Kanjhawala, (Ghevra), Delhi-110081
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 Nachauli, Old Faridabad, Jasana Road, Faridabad - 121002, Haryana
3.	Haryana College of Technology & Management P.O.Box No.44 Ambala Road, Kaithal - 136027, Haryana
4.	Sat Kabir Institute of Technology & Management, Vill. Ladrawan, Teh. Bahadurgar, Dist. Jhajjar, (Near Outubgarh-Delhi Border), Haryana-124507
5.	NCR Polytechnic, Vill.-Kulasi, Bahadurgarh, Jhajjar, Haryana
6.	Delhi College of Technology & Management 77 Km Stone, NH-2, Gudhrana, Distt. Palwal Haryana-121105
7.	Lingaya's University Nachauli, Old Faridabad, Jasana Road, Faridabad-121002, Haryana
8.	NGF College of Engineering & Technology 71st K.M. N.H.-2, Delhi Mathura Highway (NCR), Palwal- 121102, Haryana
Jharkhand	
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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

Himachal Pradesh	
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
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
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Karnataka	
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Kerala	
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3.	MES College of Engineering, Kuttippuram Thrikkannapuram P.O., Malappuram District. -679573 Kerala
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Madhya Pradesh	
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9.	Sardar 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, Amloh 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, Jodhpur-JaiOpur Highway, Dangias, Jodhpur-342027, Rajasthan
8.	SLBS Engineering College NH-112, Jodhpur-Jaipur Highway, Dangias, Jodhpur-342027, Rajasthan
9.	Laxmi Devi Institute of Engineering & Technology Alwar-Tijara-Delhi Highway, Chikaani, Alwar- 301028, Rajasthan
Uttarakhand	
1.	Dehradun Institute of Technology, Mussoorie-Diversion Road, P.O. – Bhagwantpur, Dehradun, Uttarakhand
2.	Drona's College of Management & Technical Education Opposite Rajpur, Bypass, Sahastradhara Road, PO : Gujarada Dehradun-248001 Uttarakhand
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, Abhiyantrik 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-201001 Uttar Pradesh
11.	Goel Institute of Technology & Management Lucknow –Faizabad Road, Near Indiarra Canal Lucknow-227105 Uttar Pradesh
12.	M G Institute of Management & Technology 8 th Km. Mile Stone from Amausi Airport, Lucknow-Kanpur Highway, Banthara, Lucknow-227101 Uttar 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	8
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.	Uttarakhand	2
19.	Uttar Pradesh	17
20.	West Bengal	9
	Total	122

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"> • Karnataka Public Service Commission Vide No. R(i)484/13-1 Dated 30.09.2013 	
<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"> • 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

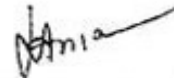
[TO BE PUBLISHED IN PART-1 SECTION -I OF GAZATTE OF INDIA]

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)

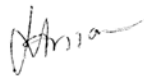
भारत सरकार
मानव संसाधन विकास मंत्रालय
उच्चतर शिक्षा विभाग

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 - 2015

NATIONAL CONFERENCE ON "HIGHER EDUCATION : ESTABLISHING RESEARCH ECOSYSTEM IN UNIVERSITIES – BREAKING NEW GORUNDS"

ASSOCHAM organized Conference jointly with AIU and M/oHRD GoI on 9th January, 2015 at New Delhi, in the backdrop of M/oHRD has incentivized innovations, creativities and Research activities focusing on quality in higher education as the Government is committed in changing dynamics of education system with focus on quality based education, Research and Innovation with employability. The issue was deliberated at length and thoughts were shared on this important subject. Many Vice Chancellors of Central, State and Private Universities, Professors & Senior Directors of Colleges participated along with Senior key functionaries of the Government including educationists of education bodies. Mr. Prithipal Singh, Secretary General and Mr. T.R.Piplani, Director (PR) attended on behalf of ICE(I).

FEBRUARY - 2015

59TH FOUNDATION DAY & 9TH NATIONAL MANAGEMENT DAY CELEBRATIONS

ICE (I) was represented at the AIMA (All India Management Association) celebrations held on 21st February, 2015 at New Delhi. The topic for deliberation was Building National Economic Consensus: The Role of India Inc, it was apt when India's economic growth has been episodic and its economic policies have been prone to shifting. It was well attended event luminaries from Govt., Industry and academia.

EXPERT TEAM VISIT

Mr. T.R. Piplani, Director (PR) ICE(I) visited College of Materials Management (CMM), Jabalpur Madhya Pradesh as a Expert nominated by National Board of Accreditation, AICTE, Government of India for evaluation of its Management Programme for grant of NBA accreditation during 13th to 15th February, 2015. It is a standalone Institution of Indian Army in Asia. (Refer Photo Gallery)

MARCH - 2015

RECOGNITION BY ASSAM DON BOSCO UNIVERSITY TO THE EXAMINATIONS CONDUCTED BY ICE(I)

Assam Don Bosco University, Guwahati, Assam has recognized Associate Membership Examination in Civil Engineering for admission to Post Graduates Programmes in the University vide their letter No. DBU/SM/33/15-01 dated 3rd March, 2015.

RAC MEETING ICAR-IIWM, BHUBANESHWAR

Dr. S.D. Sharma, Director (Academic), ICE(I) attended the 3rd meeting of the 6th Research Advisory Committee (RAC) of ICAR-Indian Institute of Water Management, Bhubaneswar on 13th and 14th March, 2015. The committee suggested the thrust areas of research in water management on which the institute will work in 2015-16. The committee was headed by Dr. S.R. Singh, former V.C. of RAU, Bihar and other members included Dr. S.K. Tripathy, Prof. IIT Roorkee, Dr. K.N. Tiwari, Prof. IIT Kharagpur, Dr. S.K. Chaudhari, ADG, SWM, ICAR, Dr. S.K. Ambast, Director ICAR-IIWM & Dr. S. Roy Chowdhury, Principal Scientist, IIWM & Member Secretary. (Refer Photo Gallery)

VISIT TO HIMALAYAN UNIVERSITY, ARUNACHAL PRADESH

At the request of Dr. Manjeet Kaur Kaushal, Pro-Vice Chancellor (Academics) Himalayan University, Arunachal Pradesh Mr. Prithipal Singh, Secretary General and Mr. T.R.Piplani, Director (PR) visited their Corporate Office at New Delhi on 19th March, 2015 and met their Chairman Mr. Hemant Goyal, Prof. Lalit Kumar Sagar, Pro-Vice-Chancellor (Administration) and Dr. Manjeet Kaur Kaushal, Pro-Vice Chancellor (Academics). They desired to explore the areas for mutual understanding and corporation and join hands to work together to promote and strengthen the Engineering profession by producing skilled industry ready personnel. Both the Institutions resolved to identify areas to strengthen the ties.

ASIAN CIVIL ENGINEERING COORDINATING COUNCIL (ACECC) MEETINGS

Dr. S.L. Swamy, Chairman, ICE(I) and Er. Sagar Singh Thakur, Joint Secretary, ICE(I) attended the 28th Executive Committee Meeting (ECM) of Asian Civil Engineering Coordinating Council (ACECC) and meetings of the other bodies of ACECC Planning Committee and Technical Coordinating Meeting from March 27-29, 2015 at Bangladesh and actively participated in the meetings. (Refer Photo Gallery)

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)

Regd. Office: 'Career House' Bindra Complex, Model Town, Ludhiana (Punjab),
Delhi office: 'Career House' 4, East Park Road, (Near New Rohtak Road), Karol Bagh, New Delhi-110005
Email: info@ice.net.in Website: www.ice.net.in

ALUMNI MEMBERSHIP FORM

1. Name : _____

2. Father's Name : _____

3. Course Completed from : Course : _____
ICE(I) with details Membership No. : _____
Roll No. : _____
Session of Passing : _____

4. Contact details : e-mail id : _____
Telephone Nos. : Office : _____
Residence : _____
Mobile : _____

5. Present Occupation with : _____
Designation & Office Address

6. Correspondence Address : Residence: _____

7. Any special Achievement / : _____
Awards _____

Dated.....

Signature of the Member

PHOTO GALLERY



Dr. S.L. Swamy, Chairman ICE(I) & Er. Sagar Singh Thakur, Joint Secretary, ICE(I) and others



Mr. T.R. Piplani, Director (PR), ICE(I) and Others



Dr. S.D. Sharma, Director (Academic), ICE(I) and Others



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