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Tarun K Basu | 67 CE

Sandeep Chatterjee | 98 ME

Soham Mitra | 15 CE



IEST SHIBPUR COMES OF AGE ONCE AGAIN

To meet the requirement for trained engineering personnel for the Public Works Department, the Council of Education, Bengal, decided to open Civil Engineering classes and a Professorship in Civil Engineering. A college was established on 24 November 1856 named Calcutta Civil Engineering College, located at the Writers' Building, Howrah and happens to be the second oldest engineering college in the country after IIT Roorkee. With the establishment of Calcutta University on 24 January 1857, the college was affiliated to this university in May 1857. In 1865, the college merged with Presidency College, Kolkata and from 1865 to 1869 the college functioned as the Civil

Engineering Department of Presidency College. In 1880, the college was shifted to its present campus at Shibpur, Howrah, and was christened the Government College, Howrah, in the premises of Bishop's College. The college became wholly residential from the year 1889. On 12 February 1920 the name was changed to Bengal Engineering College, Shibpur. The word Shibpur was deleted on 24 March 1921 and it became Bengal Engineering College. In March 2014, it was converted from a State institution to a Central Government Institution by amending the National Institutes of Technology and Science Education and Research (NITSER) Act, 2007, and was renamed as Indian Institute of Engineering Science and Technology, Shibpur (IEST, Shibpur) with the status of Institutes of National Importance.

Having been at the pinnacle of its success from its inception to 1980's, the college started to lose its status as one best engineering institution in India due to a number of reasons. I still remember the difficult choice which I had to make in 1998 between Shibpur and Jadavpur and I am glad that my decision to join Shibpur paid off. We were battered by the media those days in the college rankings and it has been a tough journey for the college from then on.

In the midst of all this it was heartening to know that this year IEST Shibpur was able to garner maximum number of MoUs among the Central Government Institutions (IITs, IISc, NITs, IISERs and CFTIs) on the commencement of the visitor's conference at the Rashtrapati Bhavan, one of the biggest of its kind in the world with the Directors and VCs of those institutions. Director Ajoy Ray signed six MOUs on behalf of our IEST.

Another landmark is the inauguration of the new biogas power generation project inside IEST Shibpur on November 9, 2015. The main objective of this project is to convert kitchen waste generated in the campus especially in the hostels to bio-gas power.

With the second Alumni Day scheduled on 27th December, 2015, this is a humble appeal to all our alumni to join the celebrations and take the college to newer heights.

Sandeep Chatterjee | 98 ME



GLIMPSES OF THE FIRST ALUMNI DAY...

The first Alumni Day held on December 28, 2014 at the College premises was a huge success. Alumni Day was envisioned to be a social and family event at our Campus by the alums and for the alums to rekindle bygone days with old friends and to make new friends. The event was scheduled in such a way (last Sunday of each year) so that our mobile and global alums could plan well in advance to attend.

The day long program saw a huge participation from alumni across batches. An e-Souvenir was released to commemorate the occasion. The program for the day was as follows:

- 9:00 am - Registration
- 9:00 am to 10 am - Tea/coffee, networking & adda
- 10:00 am - Inaugural session: Inauguration by Prof. Ajoy K. Ray ('74ETC), Director, IEST Shibpur
- 10:30 am - High tea
- 11:00 am - Sports activities at the Oval, campus tour, the ladies and children's programme (parallel activities)
- 1 pm - Business meet
- 1:30 pm - Grand feast (GF)
- 2-30 pm - Cultural programme by alumni and present students
- 4-30 pm - Tea/coffee
- 4-45 pm - Formal programme concluded

The official partners and sponsors for the event were as follows:

- Lafarge India Pvt. Ltd., Mumbai
- The Telegraph, Kolkata
- Spectra Engineers Limited, Dhaka
- GPT Group, Kolkata
- Ashoka Buildcon Limited, Nashik
- I.R. Technology Services Pvt. Ltd., Kolkata
- Apollo Gleneagles Hospitals, Kolkata
- Fedders Llyod Corporation Limited, New Delhi
- Kamala Engineering Works, Howrah
- D. D. Construction, Howrah
- www.UsBengalForum.com
- C. D. Automation, Kolkata
- ADAPT International Pvt. Ltd., Kolkata

- Texmaco Rail & Engineering Limited, Kolkata
- EBIW - Oracle Gold Partners, Kolkata
- Mageba Engineering Connections, Kolkata

Some of the highlights of the event were as follows:



Senior most participants at Alumni Day 2014: Bijoy Gopal Datta, 48CE and our Kamada Babu (Prof. K K Majumder)



The banner



The Alumni on Stage



The August crowd



Reliving the old days



Smile Please



WHEN EARTHSHAKES CORSET SAVES LIVES!!

Earthquakes don't kill people – collapsing buildings do. In the last century nearly three quarters of earthquake fatalities have been due to building failure.

Countries such as Japan and Chile have shown it is possible to construct buildings that can withstand the most powerful earthquakes, but such sophisticated engineering is unaffordable in many earthquake-prone countries. Now a group of engineers have come up with an alternative solution that could save millions of lives.

Rather than trying to prevent the building from collapsing, engineer Subhamoy Bhattacharya and his colleagues at the University of Surrey aim to extend the time before the building crumbles, giving people longer to get out.

“If we can extend the time from 1 second to 15, say, people have a chance,” says Bhattacharya. To achieve this, he encases buildings in a cheap plastic mesh, which acts like a corset, holding walls together even when cracks appear. Ultimately the mesh also fails, but this sticking-plaster solution can hold houses together for a few vital seconds.



Having testing their idea in the lab, Bhattacharya and his colleagues estimate that putting mesh supports around houses would reduce casualties by over 80% during major earthquakes such as the one that struck Nepal in April. And gradually word is spreading. A number of mud-brick houses in Pakistan have gained mesh corsets. Meanwhile, the National Society for Earthquake Technology has been teaching rural stonemasons in Nepal how to fit corsets and save lives when the next big quake hits.

Subhamoy Bhattacharya | 98 CE



IEST SIGNS MOU WITH SIX TOP NOTCH COMPANIES!!

Indian Institute of Engineering Science and Technology (IEST) at Shibpur joined the league of the IITs when on November 4 it embarked on a collaborative journey with some of the best public and private sector units. The institution had signed a number of MoUs with companies but this is the first time when six top notch private players and PSUs will offer expertise, financial assistance and faculty enhancement to IEST. The MoUs will be signed at Rashtrapati Bhavan in the presence of President Pranab Mukherjee, who is a visitor designate at the IITs, NITs and the IEST. The Confederation of Indian Industries (CII), which has been instrumental in the collaboration, believes the institute-industry partnership will help the country ease the acute crunch of skilled, employable students. The campus buzzed with excitement at the news. "We are eagerly waiting for the MoUs to be signed. It will benefit the institute in many ways," said an IEST official.

The six companies — Bharat Heavy Electricals Ltd (BHEL), Garden Reach Shipbuilders and Engineers Ltd, MN Dastur and Company, SkyBits Technologies Pvt Ltd, Sankalp Semiconductor and BitChem — will provide faculty members to IEST by instituting chair professors. They will also help train students with internships and skills training, upgrade laboratories and give feedback to IEST in revamping the curriculum to make it industry friendly.

"BHEL will conduct research collaboration in solar energy and electrical power systems. MN Dastur, which is a consultancy firm, has already provided funds for hiring faculty in the School of Material Science at IEST. Now they will give additional support to enhance material research activities. Emerging areas like polymer biomaterials and research on developing high performance steel is on the anvil," said a source at CII.

Garden Reach Shipbuilders and Engineers Ltd may start a new programme on naval architecture and ship-building in collaboration with IEST after a nod from the HRD ministry and the governing board of the institute. Skybits Technologies, a software company, will provide skill

development and make students industry ready in the computer science and IT engineering departments. "Sankalp Semiconductor, which was founded by an IIT-Kharagpur alumnus, is one of the top 100 global companies in IT and software. IEST will improve in analog and VLSI design. The company will also assist the institute in innovating and designing electronic chips. BitChem is associated with developing innovative road material using new technology and science. They hold a number of patents in making green roads. Along with Central Road Research Institute and BitChem, IEST plans to lay a stretch of road on campus by implementing new technologies. The companies will provide material and technical know-how," added the CII source.

Tata Steel, which has already set up three distinguished chair professors at the institute, may also join the league of companies in signing a new MoU with IEST later. "Every year IITs enter into collaborations with prominent industry leaders. This year the President was keen to include NITs and IEST. IEST has the largest number of MoUs up for grabs," said a CII official. "If all collaborations work out well, then IEST students will be flooded with internship opportunities and the companies will ensure that the students hone their skills to fit into the industry."



Source: The Times of India



IEST, SHIBPUR TO GENERATE POWER FROM WASTE

KOLKATA: The Indian Institute of Engineering, Science and Technology (IEST) Shibpur is going a leap forward in matters of utilizing waste to generate renewable energy. From next January onwards, about one tonne of kitchen waste that is being generated daily from the institute campus will be converted into bio-gas energy.

From next Monday onwards, the process to a pre-digesting unit will be set up on a 1,500 square feet of area inside the institute campus. "A lot of kitchen waste is being generated daily from the hostels inside the campus. Disposing this huge waste on a daily basis is quite a difficult job. We are preparing a scheme to collect the kitchen waste from the hostels that will be converted into bio gas power," said IEST vice chancellor Ajay Kumar Ray. The project funding is being done by the government of West Bengal in collaboration of IEST, with a total funding of Rs 30 lakh. Solar power expert S.P. Gon Chaudhuri, has designed the project for the institute's Centre of green energy and censor system with which he is involved as an adjunct professor.

Gon Chaudhuri, the main person behind the project who is also the former advisor to the state power department said that it is a special technology that will be used to convert kitchen waste into bio gas. "It will be a hybrid renewable energy project combining both bio energy and solar power. About one tonne of kitchen waste that is daily produced from the hostels of the institute campus will be put into a pre-digester machine where all the kitchen waste that includes thrown out vegetable wastes will be further shredded and processed to produce bio gas that will again generate bio power. "This bio power will run the engine which will generate electricity. Along with this, solar power will be generated from the solar panels that are installed in the roof top and a total of 30 KW of renewable energy could be produced from this combination. We have set a target of January next year to start power generation," Gon Chaudhuri said.

Already, the institute's Centre for green energy and censor system is doing extensive research work to develop

renewable and green energy. Gon Chaudhuri, who is heading the renewable energy college is also working on a number of renewable energy projects in the city and other states, including waste to energy projects and developing hybrid renewable energy modules.

Source: The Times of India



কলকাতাও পারে, দুরন্ত স্টাটআপে তিন তরুণ

বাংলায় একটা কথা আছে, শাপে বর। রনিত সাহা-র ক্ষেত্রে কথাটি এক্কেবারে খেটে যায়। কলেজে পড়ার সময় একটা ছোট্ট ঘটনা কী ভাবে এক জনের জীবন পাল্টে দিতে পারে সেটা রনিতকে না দেখলে বোঝা যাবে না। সেই ঘটনা থেকেই helpros-এর জন্মের সূত্রপাত। এক কথায় আলাদিনের চিরাগ। এসি হোক বা ফ্রিজ, টিভি, কম্পিউটার, ওয়াশিং মেশিন— যাই খারাপ হোক, একটা ফোন বা অ্যাপের একটা ক্লিক নিমেষে সমস্যার সমাধান করে দেবে। বাঙালি শুধু অপরের চাকরি করার জন্যই জন্মেছে, সে ধারণা মুখে এক কথায় ঝামা ঘষে রনিত-ভিষ্টির মতো তরুণরা এগিয়ে এসেছেন 'হেলপ্রোস' নিয়ে। শুধুমাত্র ওয়েবসাইটই নয়, অ্যান্ড্রয়েড অ্যাপেও আপনার মোবাইলেও হাজির।

ভাগ্যিস ঘটনাটি ঘটেছিল! কী সেই ঘটনা? রনিতের কথায়, "আমি ছোটবেলা থেকেই একটু অলস প্রকৃতির। শিবপুর ইঞ্জিনিয়ারিং-এ পড়াশোনার জন্য কলকাতায় থাকতে এসে বুঝেছিলাম, ব্যাচেলর জীবনের যেমন একটা ভালো দিক আছে, তেমন তার অনেকগুলো খারাপ দিকও আছে। তার মধ্যে একটা প্রচণ্ড খিদের সময় রান্না করা। এমনই একটা দিনে যখন রান্নার চেষ্টা করছি, তখন আবিষ্কার করলাম আমার ইন্ডাকশনটি দেহ রেখেছে। অগত্যা খিদে ভুলে বিভিন্ন সাইট ঘেঁটে মেকানিকদের ফোন করতে ব্যস্ত হয়ে পড়ি। কাজের কাজ কিছুই হয় না। ওটি নিয়ে সার্ভিস সেন্টারেই যেতে হয়েছিল।"

এটা তো ছিলই। ছেলে যাতে 'ঘরের খাবার' খেতে পারে তার জন্য রনিতে বাবা-ও একজন রান্নার লোক খুঁজতে কম নাজেহাল হননি। এই সমস্ত ছোট ছোট ঘটনা দরকার সময়ে যে কতটা ঝামেলার সৃষ্টি করতে পারে, তা আজকের দিনে আমাদের কারও জানতে বাকি নেই। কলকাতায় শিবপুরের পড়া শেষ করে IIT Bombay-তে পড়ার সুযোগ পেয়ে রনিতের ব্যাচেলর জীবনটি আরও দীর্ঘায়িত হয়। ফলে এর জ্বালাও সঙ্গে সঙ্গে অনেক দিন ভোগ করতে হয় রনিতকে।

২০১৩-তে IIT বম্বে থেকে পাশ করে বেরনোর পর নিজের জোরে কিছু একটা করার ইচ্ছে চেপে বসেছিল রনিতকে। এ কাজে তিনি সঙ্গে পেয়ে গেলেন দুই বন্ধু ভিষ্টির মুখোপাধ্যায় এবং দেবেশ বর্মা-কে। মূলত এই তিন জনের প্রচেষ্টার ফসল হেলপ্রোস। রনিতের কথায়, 'আসলে এই ক্ষেত্রেটি ভারতে বরাবরই নেগলেস্টেড। বাড়ির সাধারণ কাজগুলিকে

অনেকেই ঠিক কাজ বলে মনে করেন না। কিন্তু ঠেকায় পড়লে তখন বোঝা যায়, গরমের সময় ফ্যান বা ফ্রিজ খারাপ হলে কী হয়। আর শুধু এটাই নয় ভবিষ্যতে বাড়ির বিশ্বস্ত কাজের লোক থেকে যোগ ইনস্ট্রাকটর পর্যন্ত সবই হেলপ্রোস জোগান দেবে।'



রনিত সাহা দেবেশ বর্মা এবং ডানদিকে ভিক্টর মুখোপাধ্যায়

আপাতত কলকাতার সল্টলেক, ভিআইপি রোড, এয়ারপোর্ট সংলগ্ন অঞ্চলেই এই সার্ভিস পাওয়া যাচ্ছে। তবে আগামী ৩ মাসের মধ্যেই গোটা কলকাতা হেলপ্রোসের আওতায় আসছে বলে জানিয়েছেন রনিত। পরে ধীরে ধীরে গোটা ভারতে ছড়িয়ে পড়বেন তাঁরা। শুরু করার জন্য কলকাতা কেন? রনিতের কথায়, 'এখানে বসেই তো জ্বালাটা সব থেকে বেশি টের পেয়েছি, তাই ঘর থেকেই শুরু করলাম।'

Source: এই সময় ডিজিটাল



OBITUARY

I have just learnt that Shri Keshab Ganguly (Gangopadhyay), an alumnus of B.E. College (Civil 1953) and former Engineer-in-Chief and Ex-Officio Secretary, PWD. Government of West Bengal, breathed his last at around 5.45 AM this (19 October 2015) morning.

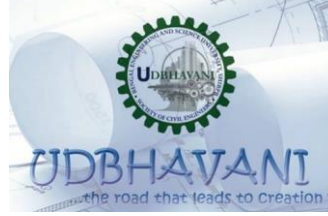
He was suffering for a longtime and was under regular dialysis for nearly 10 years. He was a resident of Salt Lake, Kolkata (EC-253). I would pray for his soul to rest in peace.

Syama Prasad Datta | 67 CE

On behalf everyone at GAABESU, we offer our sincere condolence to his family and friends. We pray to God for the eternal peace of the departed souls.



UPCOMING EVENTS



Udbhavani, the civil engineering technical fest of IEST, Shibpur organized by SOCCE, started in 2014 will host its second edition tentatively **from 19th to 21st**

February, 2016. The last edition of the fest kick started with an opening ceremony followed by an industrial meet, which was a one of a kind initiative, to bridge the industry academia gap. We created a platform where industrialists and students came together to share their thoughts and ideas. It also hosted various technical competitions such as paper presentation, treasure hunt done entirely using survey equipment, slab design i.e. designing a reinforced slab model with steel wires and thermocol, water purifier design, AUTOCAD models amongst others. The general events included an open quiz, and a debate. The fest closed with a cultural performance including classical dance & music by the students. It was a huge success and involved participations of more than 300 students from 20 different engineering colleges. For details contact Supratik (GS, SOCCE) at +91-9046638911/ ray.supratik@gmail.com.



Euphony, the Music Society of IEST, Shibpur is going to organize a 2 day event **on 4th and 5th of March, 2016.** The event "Euphony Oikotaan" is going to be one of its kind and

is aimed to find true talent in original composition. This year, Euphony has decided to invite various colleges not only in West Bengal but also outside of it. Oikotaan mainly comprises of an interactive musical concert full of original compositions and a bunch of interactive workshops. For details contact Chirantan (GS, Students' Senate) at +91-8013734702/+91-9143044627/ euphonybesu@gmail.com.

Students need your sincere help and kind support to actuate these noble concept into a blossoming reality.

ALUMNI DAY 2015



We are very excited to announce our 2nd “Alumni Day” to be held on December 27th 2015 at IEST, Shibpur Campus, the day many of us have been waiting for, to reminisce our bygone days with friends and families and rekindle our camaraderie at our own campus.

You all are our valued ambassador and we would want your continued association with GAABESU. You are an integral part of GAABESU fraternity, its present achievements and future hopes.

‘Days fly-by, time passes, in this hectic life, you are and will always remain close to our hearts.’

Contribution:

- Rs. 500/- as registration fees for GAABESU members.
- Rs. 1,000/- as registration fees for other alumni.
- Additional Rs. 500/- per heads for family/friends for all registered alumni.
- Contribution is optional for any alumni graduated in or before 1965.

Your former classmates, seniors and juniors cordially invite you and your family to join the 2nd Alumni Day.

Please confirm your participation through email to becalumniday@gmail.com. You may also please circulate this invitation within your network and register also your friends’ email id with us.

Anticipating positive and enthusiastic response from you. On Behalf of the Steering Committee,

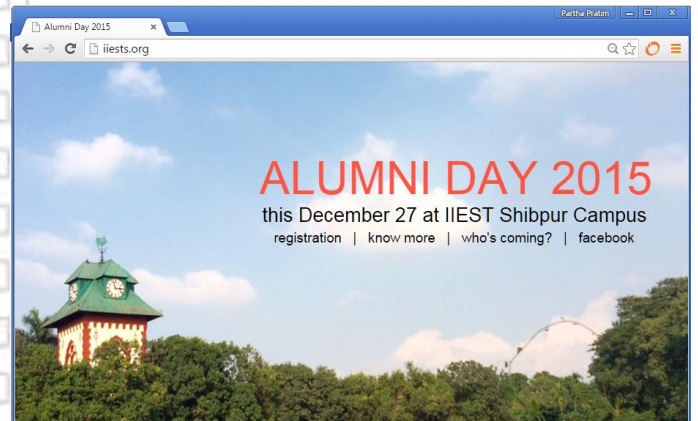
Amitabha Datta (74 CE) & Arunava Lahiri (79 MET)
(Co-Chairpersons, Steering Committee, Alumni Day 2015)

TENTATIVE SCHEDULE OF ALUMNI DAY 2015

9:00 am to 10:00 am	• Registration (at Netaji Bhawan) • Tea/coffee, networking & adda (around the Lords)
10:00 am	Inaugural session (at the Lords)
10:30 am	High tea
11:00 am (parallel activities)	• Invitational Debate (at Institute Hall) • Sports activities (at the Oval) • Campus / Department / Hostel tour • Activities for spouse children and kids (around the Lords ground)
12:15 pm	Promotional activities (at the Lords)
12:30 pm	Business meet (at the Lords)
1:30 pm	Grand feast (GF) – Bengali Menu
2:15 pm	Promotional activities (at the Lords)
2:30 pm	Cultural programme by alumni, families and present students (at the Lords)
3:30 pm	Promotional activities (at the Lords)
3:45 pm	Folk Dance by Manbhumi Janasaktti Chou Nriya Party (at the Lords)
4:45 pm	Tea/coffee
5:00 pm	Classical evening by Pandit Vishnu Sharma from Benaras (at Institute Hall)

ONLINE REGISTRATION

Visit <http://iiests.org/> to register online alongwith your friends and family members. This portal will guide you with step by step procedure for online payment. Direct link for Registration page is www.iiests.org/RegistrationL.html. For more information call us at +91-33-2668-7436 /4564 or email at becalumniday@gmail.com.



WHO ARE COMING?

Check who else are intended to attend this event among your batch-mates, seniors and juniors directly going to:

http://www.iests.org/confirmed_registrations.html

You can sort the table easily according to the registration sequence or in alphabetic order or department-wise or year-wise.

List of attendees of Alumni Day 2015

Contact us at becalumniday@gmail.com if its more than 48 hours since you registered and you don't find your name in this list. If you haven't registered yet, [click here to go to registration page](#).

The red highlight indicates that the payment is pending.

If you face any other issues, please make sure that you're not using Internet Explorer.

Total Number of Registered Alumni = 258 || Total Number of Heads = 280 || Last Update = 21 Nov 15 - 16:45 hr

Seq	Name	Department	Year	Heads
001	Partha Pratim Roy	CE	1997	1
002	Sandeep Chatterjee	ME	1998	1
003	Rishiraj Chakraborty	ME	2012	1
004	Debabrata Bhattacharjee	ME	1959	2
005	Jaharlal Gangopadhyay	ME	1967	2
006	Shital Babu Regmee	CE	1980	1
007	Piush Kanti Deb	EE	1966	1

For more information, pictures, comments and review please go to our event page in Facebook:

<https://www.facebook.com/events/358427301018680/>

SILVER JUBILEE CELEBRATION OF 1990 BATCH

We are glad to announce Class of 1990 decided to merge their Silver Jubilee Celebration with Alumni Day 2015.

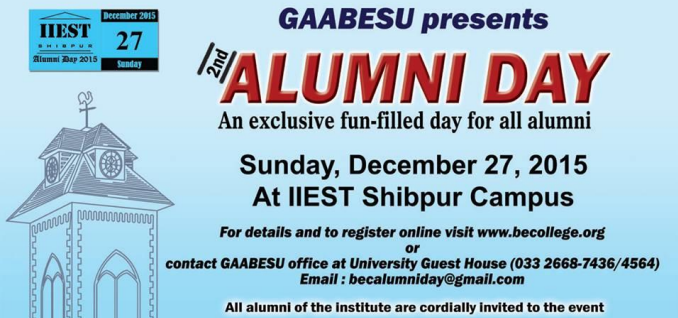
1990

On behalf of GAABESU and the Steering Committee we extend a very hearty welcome to Class of 1990, their family and friends.

A separate enclosure will be there (in the place of proposed Badal Sircar Open Theatre) exclusively for Silver Jubilee Batch and their families, in addition to all common arrangements.

SOME QUICK UPDATES

Banner inside the campus:



GAABESU presents
20th ALUMNI DAY
 An exclusive fun-filled day for all alumni
Sunday, December 27, 2015
At IEST Shibpur Campus
 For details and to register online visit www.becollege.org
 or
 contact GAABESU office at University Guest House (033 2668-7436/4564)
 Email : becalumniday@gmail.com
 All alumni of the institute are cordially invited to the event



USEFUL LINKS FOR ALUMNI DAY 2015

Registration Form (PDF):

www.becollege.org/GAA/docs/AlumniDayRegistrationForm_2015.pdf

Registration Form (DOC):

www.becollege.org/GAA/docs/AlumniDayRegistrationForm_2015.doc

Sponsorship Brochure:

www.becollege.org/GAA/docs/CorporateSponsorship_folded_2015.pdf

More Information:

www.becollege.org/news/news_item.asp?NewsID=591