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## Alumni Link | Editorial Team

Tarun Basu | 67 CE

Indranath Sinha | 82 MIN

Partha Pratim Roy | 97 CE

Debargha Sengupta | 98 ARCH

Shankha Kar Bhowmik | 97 MIN

## EDITORIAL

Greetings from Team Alumni Link.

When we say about a team, we mean a group of people. But in reality it is a real challenge to even have a team of 3 or 4 active people compiling articles and collecting news from social media and different open sources. At the same time we know our both our members and non-members wait for Alumni Link. May we humbly request all of you once again to volunteer yourself so that we can initiate and sustain existing and proposed activities on behalf of GAABESU for the common interest of Students and Alumni community!

Though EC of GAABESU (under article II.3 of its Charter) is empowered to make a call on membership fees, we decided to seek feedback from our existing members before taking any action. Based on huge feedback we received it is decided that we are going to increase Membership Fee. Before we make the announcement latest by July, 2015, we request all alumni who are either annual member or not yet a member, to take this opportunity to join GAABESU with the current membership fees (₹2500 in India and Sub-Continent/ ₹5000 in Middle East/ \$300 in the developed economy).

To become a life member, please fill-up the application, mail it to [gaabesu@gmail.com](mailto:gaabesu@gmail.com) and make a membership payment or donate equivalent amount to any GAABESU managed projects - Travel Grant, Research Award, Admission Grant, Scholarship, Fellowship for Excellence. You can pay on-line via credit/debit card or on-line banking in India (SBI Collect) or in Abroad (PayPal/Credit Card). You also can pay your memberships via cheque/draft or in cash too. Once you are a life member before next GAABESU Executive Committee election is announced, you can participate in the election as a candidate and/or as a voter.

Alumni Link | Editorial Team

Send your details to [gaabesu@gmail.com](mailto:gaabesu@gmail.com) to include your id in our global mailing list.



## INAUGURAL ALUMNI DAY 2014

GAABESU successfully organised First Alumni Day on Sunday, December 28, 2014. Around 400 alumni joined in this gala event to reminisce their bygone days with friends and families and rekindle our camaraderie at our own campus. The event can't be successful without active involvement of the present students. Around 40 of them worked till midnight to make this event a grand success. Alumni volunteers all over the world came forward to share the responsibilities and collect donations and sponsorships.

Some young alumni and present students arranged Live Webcast of the entire program which is uploaded in YouTube in seven (7) parts. For details search "IEST Shibpur Alumni Network" in YouTube or type the short url <http://goo.gl/ztoiYS>. While [www.becollege.org](http://www.becollege.org) is still active, some active student volunteers designed new website [www.iiests.org](http://www.iiests.org) which was launched during the event. Present students designed the Advertisement for The Telegraph and the Backdrop of the Event. The event ended with a pleasant Cultural Program by some of our renowned Alumni. We also thank our Sponsors and Alumni who donated a good amount during this event to be utilised for the Students and Alumni. There was a stall with published/released creative product (books on literatures, engineering, musical album, feature films, etc.) in commercial market from alumni community for display at the event.

### Alumni Day 2014 Links:

Photo Album: [www.iiests.org/gallery\\_gaabesu/gallery](http://www.iiests.org/gallery_gaabesu/gallery)

Watch Entire Event at YouTube:

[https://www.youtube.com/playlist?list=PL3VWykh-4fy0Ti\\_-oIPhE-sQWxqC2oCII](https://www.youtube.com/playlist?list=PL3VWykh-4fy0Ti_-oIPhE-sQWxqC2oCII)

Download e-Souvenir:

<http://www.becollege.org/projects/docs/AlumniDay2014Souvenir.pdf>

Download final list of participants:

<http://www.becollege.org/projects/docs/FinalConfirmedAlumni.pdf>

### Backdrop of the Stage:



Backdrop was designed by Sandeep Majumder, a 4<sup>th</sup> year students from Architecture department.

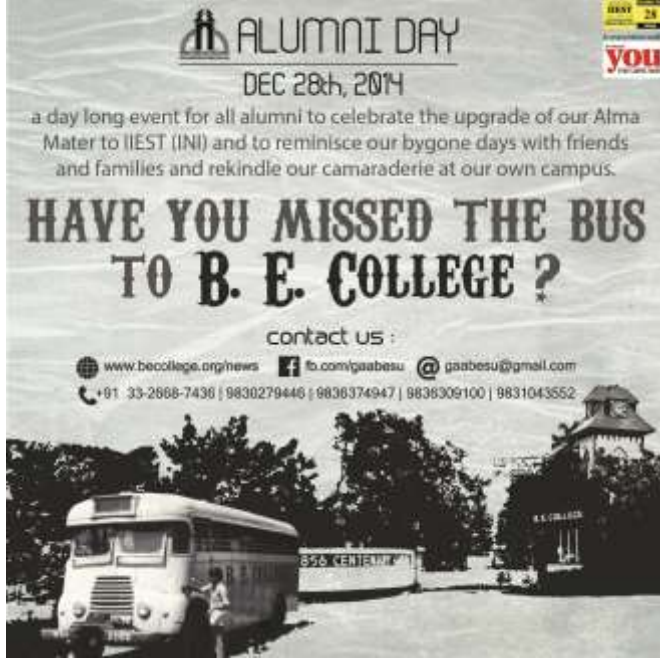
### The Telegraph Advertisement - December 18, 2014:

[paper.telegraphindia.com/details/126347-175719812.html](http://paper.telegraphindia.com/details/126347-175719812.html)





**The Telegraph Advertisement - December 23, 2014:**  
[epaper.telegraphindia.com/details/125236-16521484.html](http://epaper.telegraphindia.com/details/125236-16521484.html)



Advertisements were designed by Som Sundar Roy, a 4th year students from Architecture department.

**The Telegraph Coverage - December 18, 2014:**  
[epaper.telegraphindia.com/details/136462-18120171.html](http://epaper.telegraphindia.com/details/136462-18120171.html)



**Sponsors of the event:**



**Senior most participants at Alumni Day 2014:**



Bijoy Gopal Datta, 48CE and Kamada Babu (Prof. K K Majumder) - Photo by Sampa Pramanik, '90EE

**Tee Shirts for the Volunteers of Alumni Day 2014:**



Volunteers' Tee Shirts were sponsored by 5 alumni of 1974 batch – D N Chatterjee (CE), Bankim Majumder (CE), Amitabha Datta (CE), Pradipta Sinha (ME) & Saibal Baul (CE).

**Souvenir and Memento for Alumni Day 2014:**

Souvenir cover was designed by Sankha Kar Bhowmik (97 MIN). Memento was conceptualized by Amitabha Dutta (74 ME). Souvenir printing was coordinated by Bikram Das (4<sup>th</sup> Year CE) with his friends.



**We wish to see you on 27th December, 2015 during 2nd Alumni Day.**

**Partha Pratim Roy (Convenor, Publicity) | 97 CE**



**BE COLLEGE ALUMNI GET TOGETHER AT NEPAL**

BE College Alumni get together (held every six months) was held on 10.04.2015 in Lalitpur Nepal. We enjoyed the evening a lot. When I joined BE College in 1975 there were no Engineering College in Nepal. First Engineer of Nepal late Kul Ratna Tuladhar graduated from BE College in 1943 (a year senior to 'Lord (SK) Mukherjee'.

Now more than 6000 engineers graduate from different engineering colleges in Nepal. As of my knowledge no Nepalese student is presently studying in BE College (IEST, Shibpur). Hence we can plan student exchange program with the help of Officials and Local Alumni to continue the tradition and cooperation of the past!



**Shital Babu Regmee | 80 CE**



**50<sup>TH</sup> YEAR OF GRADUATION CELEBRATION OF 1965ME**

1965 Mechanical Engineering Alumni of erstwhile B.E. College organized a get-together on the occasion of their 50th Year of Graduation on 19<sup>th</sup> Jan '15 at Alumni Guest House in the University campus. They collected fund 5.25 Lakhs (and above) and donated GAABESU for 2 Admission Grant and 1 Research Award for every year. The fund will be kept in a fixed deposit with Annual interest payment option. 20 alumni who have contributed more than the specified amount have become Life Members of GAABESU. We published the report and photos at our [Facebook](#) page.



**Tultul Roy, Office Manager | GAABESU**





## 50<sup>TH</sup> ANNIVERSARY REUNION OF 1965CE

50<sup>th</sup> Anniversary Reunion of 1965CE magazine is published to our web site as:

[http://www.becollege.org/alumni/docs/Golden\\_Remembrance\\_65CE\\_BECollege\\_11\\_2\\_2015.pdf](http://www.becollege.org/alumni/docs/Golden_Remembrance_65CE_BECollege_11_2_2015.pdf)

1965CE class initiated a drive to setup Prof P K Roy, 65CE memorial fund to honor their beloved classmate. Stay tuned for additional information.

**Swapan Saha | 88 EE**



## TRAVEL GRANT - GAABESU LAUNCHES A NEW PROGRAM

GAABESU have long been active in raising funds to aid fellow alumni, students, faculty members for multiple purposes including helping students to attend and/or present their research to the national and international technical conferences and seminars. Further, after formation of IEST, GAABESU will look forward more towards these type of student benefit related activities. The main motivation of the scheme primarily is to promote “academic excellence with a focus on quality research” in the institute.

This program is solely intended for the present students of IEST, Shibpur. Partial assistance will be provided to attend national/international events of repute. These would include seminars, conferences, innovative design competitions, research paper presentation and receiving of awards of international repute (only if the work was done at IEST, Shibpur or the awardee is the principal investigator of the work), international students’ summit etc, subject to certification by IEST respective department head and acceptance by GAABESU.

This program will not discriminate any person based on location, age, sex, race and political inclination and/or affiliation. All cases will be treated equally for

the overall process and the award will depend on the available financial resources of GAABESU. Selection will be done on a first-come-first-serve basis.

GAABESU will constitute a committee to finalize the award of the grant. GAABESU shall consolidate all the available funds for this purpose and also seek further donations from Alumni, so as to be able to start with a dedicated fund of at least Rs. Fifteen lakhs (Rs. 15,00,000/-). It will be endeavoured to increase the fund upto Rs.1 Crore within next three years. The funds will be kept as fixed deposits in a nationalized bank account. GAABESU shall use upto maximum of 90% of the yearly interest accrued from the funds. Principal amount will be kept untouched.

The grant shall be partial for the total expense. The applying student shall show that the fund received from other sources is not sufficient for his/her travel, lodging, and daily expenses to attend the conference.

The support available from GAABESU shall not exceed 50% of the total eligible Travel and Conference cost. The maximum amount of a grant shall not exceed INR 50,000.00 (or its USD equivalent) for a trip abroad, outside of South Asia for students / INR 10,000.00 for a trip within South Asia. The assistance will only be reimbursed after the applicant submits statement of expenditure after expiry of the event. GAABESU may consider the requirements in case of an exceptionally needy students.

The fund will not support Paid or unpaid internship/workshops, any local event organized by students or research scholars, expenses other than travel, boarding & lodging and attendance at any type of event other than those mentioned above.

Download Travel Grant Application - **Word** or **PDF**.  
[becollege.org/projects/docs/TravelFundApplication.docx](http://becollege.org/projects/docs/TravelFundApplication.docx)  
[becollege.org/projects/docs/TravelFundApplication.pdf](http://becollege.org/projects/docs/TravelFundApplication.pdf)

**Prosenjit Chakraborty | 87 EE**



## GAABESU AWARDS DISTRIBUTION CEREMONY 2014-15

Like previous years GAABESU Scholarship, Research & Alumni Fellowship for Excellence Awards Distribution Ceremony was successfully held on 13th March 2015 at Institute Hall, IEST.

Following IEST faculty members, GAABESU officials and eminent personalities were present at the ceremony:

- Dr. Ajoy Kumar Ray, Director, IEST
- Mr. Amitabha Datta, Working President, GAABESU
- Dr. Pratik Datta, Secretary, GAABESU
- Dr. Arun Deb, Former President, GAABESU
- Mr. Syama P. Datta, Former President, GAABESU
- Lt. Col. Anjan K. Ghosh, Chairman, Scholarship Sub Committee, GAABESU
- Mr. Prosenjit Chakraborty Joint Secretary, GAABESU
- Mr. Kaustav Biswas, Asst. Secretary, GAABESU
- Prof. Netai Chandra Dey, Professor of Mining Dept., IEST & GAABESU Member
- Mr. Somnath Sinha Roy, GAABESU Member

Ms. Tultul Roy, Office Manager, GAABESU raised the curtain of the ceremony inviting the dignitaries to occupy their respective seats.

Because of late arrival of Mr. Amitabha Datta, Working President of GAABESU, the program was started with Mr. Syama P. Dutta, GAABESU. Ex-President in Chair, who also welcomed the distinguished guests, awardees and other students. He explained the need of present students to keep in touch with Global BEC fraternity. He also called upon the recipients as well as general student community to give back to the society.

Thereafter Lt. Col. Anjan Ghosh President of the Scholarship Subcommittee explained in details the background and purpose of the Scholarship awarded

by GAABESU since 1998. He specially mentioned the contribution of the Global coordinator Mr. Rajdeep Dutta (resident of Dubai) and Mr. Swapan Saha (resident of USA) to make the overall scholarship program including this particular ceremony a success. He further expressed his sincere hopes that the recipient students will also feel for the needy students and extend meaningful help to them.

GAABESU Working President Mr. Amitabha Dutta also explained the importance of these Scholarships, as well as the importance of the ceremony in GAABESU Calendar.

Then, Director-IEST, Prof. Ajoy K. Ray took the microphone and praised the Alumni all over the world for their contribution towards development of their Alma Mater.

Thereafter the Scholarship award ceremony started, when the first Research awards, Ashok Kumar Sarkar Fellowships I & II, Gouri and Jitendra Mohan Mazumder Undergraduate Fellowship and followed by Prof. A K Seal Memorial Undergraduate Research Fellowship Award were handed over by Prof. Ajoy Kumar Roy. These were followed by handing over of other Research Fellowship awards, Excellence awards and scholarships by Prof. Ajoy K. Ray, Mr. Amitabha Datta, Dr. Arun Deb, Mr. Shyama P. Datta, Prof. Netai Chandra Dey, Dr. Pratik Dutta, Lt.Col. Anjan Ghosh, Mr. Somnath Sinharoy, Mr. Prosenjit Chakraborty, Mr. Koustav Biswas & Mr. Rajib Sarkar. During the ceremony itself, Prof. Ajay Roy reminisced about Prof. Naresh Chandra Bose and Dr. S.S. Boral, both ex-Professor of BE College. Dr. Boral was the founder of electronics department in BE College, whereas, Prof. Naresh Chandra Bose was one of the Three-generation B E Collegiate.

The memorial fellowship named after Dr. S.S. Boral was handed over to the recipient by his daughter Rama Sinha Boral, who, herself is an alumna of BEC. Dr. Arun Deb mentioned few words about his

classmate Late Suhas Chowdhury (57CE), whose wife Ms. Dolly Chowdhury handed over the scholarship named after her late husband. Father of late Soumya Bhattacharya Mr. Shyamal Bhattacharyya was present to hand over the Memorial Award for excellence named after his departed son. 1988 batch Silver Jubilee excellence award was jointly handed over by Piya Mukherjee & Dhiman Saha. Award of Excellence in Fluid Mechanics handed over by Mr. Swapan Dutta Father-in-law of Dr. Arindam Singha (ME 2002), Juthika Chakraborty Memorial Scholarship handed over by Mr. Nitish Chakraborty, Father of Mr. Nirjhar Chakraborty (91 CE), Ranendranath Dutta Memorial Scholarship handed over by Mrs. Gita Dutta, Mother of Tanusree Chakraborty (91 CE), Minati Sarkar & Amalendra Nath Roy Sarkar Memorial Scholarship handed over by Mrs. Roy Sarkar wife of Mr. Barit Roy Sarkar (89 ETC). During the ceremony, Prosenjit Chakraborty & Somnath Sinharoy mentioned about Late Amlan Basu, when the scholarship instituted in memory of him was awarded. Few other donors were also present and awarded their respective scholarships.

The ceremony concluded with vote of thanks to the chair given by Honorary Secretary of GAABESU Dr. Pratik Dutta.

**Quick facts:** This year GAABESU awarded total:

- 15 of Alumni Fellowship for Excellence Awards (approx. total ₹ 2,24,500/-)
- 48 Memorial Scholarships (total ₹ 5,76,000/-)
- 6 Individual Sponsored Scholarships (total ₹ 72,000/-)
- 32 Group Sponsored Scholarships (total ₹ 3,96,000/-)
- 14 Half Scholarships (total ₹ 84,000/-)
- 18 Book Grants (total ₹ 36,000/-)

[becollege.org/news/news\\_item.asp?NewsID=568](http://becollege.org/news/news_item.asp?NewsID=568)

[becollege.org/news/news\\_item.asp?NewsID=569](http://becollege.org/news/news_item.asp?NewsID=569)

**Prosenjit Chakraborty | 87 EE**



## FELICITATION OF PROF. K. K. MAJUMDAR ON HIS 101 BIRTH DAY

GAABESU felicitated Prof. Kamada Kanta Majumdar on completion of his 100 years of productive and useful life. Along with Working President Mr. Amitabha Dutta (74 CE), Mr. D. N. Chatterjee (74 CE) and Mr. Barun K. Basak (71 ME) handed over flower bouquet and a letter on behalf of IEST Shibpur Alumni community.



Global Alumni Association of  
Bengal Engineering and Science University,  
Shibpur

### FELICITATION OF PROFESSOR KAMADA KANTA MAJUMDAR, ON HIS 101 BIRTH DAY

GAABESU, on behalf of all alumni of IEST, Shibpur (erstwhile BESU / B E College), is honored to felicitate you, Prof. Kamada Kanta Majumdar, on completion of 100 years of productive and useful life contributing immensely to the teaching profession in engineering fraternity.

Sir, we salute you for your service as one of the most successful professor to the Engineering fraternity and to our Alma Mater, in particular. We all are confident that you will be embraced as a role model to the teaching fraternity.

Sir, have a happy, healthy & peaceful life. We wish you all the best.

Alumni/Alumnae of IEST Shibpur

**Partha Pratim Roy | 97 CE**





## GAABESU EMERGENCY FUND - THANK YOU NOTES FOR 2 FUNDS

### **Closed Fund: An Appeal to Help Mala Sahoo, wife of Basudev Sahoo, 1986 (EE) in Medical Emergency for Transplantation and arrangement of Kidney**

Dear all Alumni Friends,

Thought, I would offer my thanks to all after the transplantation of kidney. However, obtaining all the requisite administrative clearances will take some more time. Hence I should not wait further.

I have already received INR 4,41,732/- towards treatment of my ailing wife. I offer my sincere thanks & gratitude to all of you, who have taken initiatives in fund drive for Mala Sahoo and contributed for the same.

**Basudev Sahoo | 86 EE**

### **Closed Fund: An Appeal to help Late Souvik Ghosh (99CE) Surviving Family (Closed)**

**Goal – 10 lacs, Funds Raised ₹12,51,790/-**

Dear All,

The GAABESU collection drive for 'Souvik Ghosh 99 CE Fund' is officially over. We went thru' ups and downs in terms of cumulative collection amount. In between we were little apprehensive about our 10 Lacs Target but we have handsomely crossed it. The final figure is 12.3 lacs (as of now) and this is one of the largest collection thru' GAABESU platform in recent times. I agree that this is not a phenomenal amount but we hope that this would help Jr. Boudi at least in a little way. And we sincerely wish that we don't have to take initiatives like this in near future. As I mentioned earlier now Ayan and Rajashik would take it forward. They would coordinate with Boudi's family and GAABESU to transfer the final amount. If you have any suggestion regarding the same, you are most welcome to share your ideas with Ayan and Rajashik.

A Big Thank you to all of you! Would personally like to thank Ayan and Rajashik for initiating the process with

GAABESU. Koustav and Parthada, on behalf of GAABESU, helped us to kick start the collection drive within a week. It would be grossly unfair if I don't mention that Parthada was also going thru' personal crisis but still he devoted time to explain the process and potential pitfalls. In the initial phase, when we were clueless, Sidhu alone collated a list of emails/ WhatsApp contacts of around 100 of our batch-mates which was probably the biggest boost in our collection drive till date. Sidhu continued to do the follow-up over phone for this entire phase. Thanks Comrade! Dipan chipped in to fine tune the initial list. Few of our 99 batch-mates, located in Calcutta, went to meet the family of Souvik Ghosh. Thanks guys! BEings like Kuntala, Debanjan, Gopal/Shila and many more (sorry for not being exhaustive here) helped us to connect with TCS alums, 2000 Civil Batch, 1998 Civil Batch respectively. Bishu/Subho coordinated with US alums. Xavo (aka Rajiv), with Rajdeepda (88 EE), managed to raise a significant amount from UAE chapter. Thanks to BEC Canada chapter also. Sutirtha is coordinating with Muscat chapter and they are looking forward to BEC get together around March end. Pandey and Moloy are also trying to do the same with Mumbai Chapter.

We have received generous contributions from many of our batch-mates. Now our beloved Boudi aka Tarzan aka Souvik Ghosh can rest in peace. In Pandey's words: Boudi has indeed broken many barriers and strengthened our bonding farther. Sorry Boudi, most of us were busy with our personal commitments when you were fighting a lost battle. Loads of memory with you Man! We started our journey together from Hostel 16 but you called it a day abruptly. Keep smiling wherever you are!

**Apalak Khatua | 00 ARCH**

I once again thank all of Souvik's friends and well-wishers of BE College Shibpur for this benevolent gesture shown to his departed soul and to his family. At this moment of grief our heart is filled extreme gratitude and love for all of you.

**Goutam Ghosh, father of Late Souvik Ghosh**





## NEW BOARD OF GOVERNORS OF IEST, SHIBPUR

Ministry of Human Resource Department under Department of Higher Education, Government of India (GOI) has formed the Board of Governors of IEST, Shibpur with effect from 15 Dec, '14.

After taking into account the clause-wise nominations/ recommendations the Board of Governors of IEST – Shibpur is constituted as under:

Name and Designation of nominated persons	Nomination Under	Will serve as
Dr. Koppillil Radhakrishnan, Chairman, ISRO, Bangalore, Karnataka	Section 11(A) Clause (a)	Chairperson (till 09.12.17)
Additional Secretary (T), Dept. of Higher Education, GOI as nominee of Secretary, Dept. of Higher Education, GOI	Clause (b)	Ex-Officio Member
Director of IEST – Shibpur, W.B.	Clause ©	Ex-Officio Member
Director of Indian Institute of Science, Bangalore, Karnataka	Clause (d)	Ex-Officio Member
Prof. I. Manna, Director, IIT, Kanpur, Uttar Pradesh	Clause (e)	Member (till 9/12/17)
Secretary, Dept. of Science and Technology, GOI	Clause (f)	Member (till 9/12/17)
Secretary, Dept. of Industrial Policy & Promotion, Ministry of Commerce, GOI	Clause (f)	Member (till 9/12/17)
Will be notified	Clause (g)	Ex-Officio Member
Two professors of the Institute to be nominated by the Senate	Clause (h)	Member (for 2 years)
Prof. Sneh Anand, Professor, Centre for Bio-Medical Engineering, IIT, Delhi	Clause (i)	Member (till 9/12/17)
Prof. N. Balakrishnan, IISC, Bangalore	Clause (i)	Member (till 9/12/17)
Financial Advisor, Ministry of Human Resource Development	Clause (j)	Ex-Officio Member

**Pratik Dutta, Hony. Secretary, GAABESU | 90 MIN**



## SEVEN NEW DEANS AND FIVE ASSOCIATE DEANS APPOINTED

As approved by Honourable Chairperson of Board of Governors, the Director appointed following Deans and Associate Deans:

Name and Department	Designation
Prof Prabir Kumar Paul, Professor, Mining Engineering	Dean – Administrative Affairs
Prof Amit Kumar Das, Professor, Computer Science and Technology	Dean – Academic Affairs
Prof Bichitra Kumar Guha, Professor, Physics	Dean – Faculty Affairs
Prof Kalyan Kumar Bhar, Professor, Civil Engineering	Dean – Research and Development
Prof Aditya Bandyopadhyay, Professor, Architecture, Town and Regional Planning	Dean – Infrastructure, Planning and Management
Prof Santanu Kumar Karmakar, Professor, Mechanical Engineering	Dean – Alumni Affairs and External Relations
Prof Netai Chandra Dey, Professor, Mining Engineering	Dean – Students' Affairs
Prof Amitava Basu Mallick, Professor, Metallurgy and Materials Engineering	Associate Dean – Academic Affairs
Prof Sudip Kumar Chattopadhyay, Associate Professor, Chemistry	Associate Dean – Academic Affairs
Prof Debjani Ganguly, Professor, Electrical Engineering	Associate Dean – Administrative Affairs
Prof Anup Mondal, Professor, Chemistry	Associate Dean – Research and Development
Prof Anirban Gupta, Professor, Civil Engineering	Associate Dean – Alumni Affairs and External Relations

**Indranath Sinha | 82 MIN**



### 3 STUDENTS RECEIVED PRESTIGIOUS INTERNATIONAL AWARDS



Anandamoy Chatterjee, a 3<sup>rd</sup> year student of Electronics and Tele-communication department of IEST, Shibpur is invited by Radio Frequency and Millimeter (RFM) Group at IMEP-LAHC Institute of Microelectronics, Electro-magnetism and Photonic Institute, Grenoble, France for a 10 weeks program starting from 4<sup>th</sup> May, 2015. He will receive a monthly stipend of 510 euros.

Rhitam Datta, another student of 3<sup>rd</sup> year Electronics and Tele-communication department of IEST, Shibpur is invited by University of Bremen, Germany from 1<sup>st</sup> May, 2015 to 30<sup>th</sup> July, 2015 as a visitor student intern. During this period he will be working on various aspects of application of reversible logic gates in efficient quantum computation under the supervision of Prof. Dr. Rolf Drechsler.

Partha Pratim Dutta, a 3<sup>rd</sup> year IEST, Shibpur student of Electrical Engineering is selected for S. N. Bose Scholars Program 2015 being conducted with the joint support of the Department of Science and Technology, Govt. of India, University of Wisconsin-Madison (UW) and the Indo-US Science and Technology Forum (IUSSTF). 3 months program will start from May 2015 at University of Michigan. IUSSTF will provide Partha return trip Air-tickets, monthly stipends @2000\$ and 500\$ Health Insurance.

**On behalf of GAABESU, we congratulate Pratha, Rhitam and Anandamoy.**

[becollege.org/news/news\\_item.asp?NewsID=577](http://becollege.org/news/news_item.asp?NewsID=577)

**Dr. Santanu Kumar Karmakar, Dean (AA&ER) | 83 ME**



### UG STUDENTS VISITED FOREIGN UNIVERSITIES FOR INTERNSHIPS

Here is a list of 10 nos. students who visited different foreign universities for Internship in 2014. Global Alumni Community helped them by providing appropriate links to the willing candidates and also sponsoring part of the travelling expenses for students who appealed.

Students Name	University (U)	Department
Sanjukta Dawn	University of Windsor, Canada	Electrical
Debashish Dhua	University of Windsor, Canada	Electrical
Sabyasachi Bandyopadhyay	University of Massachusetts, Lowell, USA	Electrical
Abhrokan Saha	University of Windsor, Canada	Civil
Soham Mitra	University of Windsor, Canada	Civil
Sayanta Barman	Wayne state University, USA	Civil
Pratik Garg	Wayne state University, USA	Civil
Partha Saha	Wayne state University, USA	Civil
Samanwita Kar	McGill University, Canada	Aerospace
Indrajit Srivastava	University of Illinois at Urbana - Champaign, USA	Metallurgical and Material Science

**Extract from 1<sup>st</sup> Newsletter of IEST**





## U OF WINDSOR & IEST, SHIBPUR COLLABORATION CONTINUES

*Our Distinguished alumnus, Nihar Biswas, Ph.D., P.Eng., FCSCCE, Distinguished University Professor, Civil and Environmental Engineering, University of Windsor, Canada is leading collaboration between his Alma Mater and present employer for more than a decade.*

Over the past few years, collaborative research work has been ongoing between Professor Narayan Kar from the University of Windsor and Professor Kaushik Mukherjee, Department of Electrical Engineering, Indian Institute of Engineering Science and Technology, Shibpur, Professor Mukherjee came to Windsor in 2011 as a visiting Professor and spent one year with Dr. Kar and co-supervised several Master's and doctoral students. This collaboration is now continuing and recently, Mr. Lakshmi Varaha Iyer, a doctoral student of Dr. Narayan Kar from the University of Windsor, started his laboratory work in Dr. Mukherjee's laboratory at IEST, Shibpur. He is one of several graduate students who is being co-supervised by Drs. Mukherjee and Kar, jointly. Iyer's research with Prof. Mukherjee is being supported by the Natural Sciences and Engineering Research Council of Canada (NSERC) under the Michael Smith Foreign Study Supplements Program. This is a prestigious award granted to selected Canadian graduate students.

Iyer has been continuing his work on design of three-phase interior permanent magnet synchronous machines (IPMSMs) for direct drive electric vehicles. At IEST, he has developed a new approach based on maximizing power output below and above base speed to design such three-phase machines which satisfy both the constant power and constant torque regimes in electric vehicles. A down-scaled version of this machine is also being prototyped. Direct drive electric vehicles are expected to add considerable

benefit to battery-to-wheel efficiency of the vehicle eliminating the conventional transmission losses. However, removal of the existing transmission needs a superior performance motor with cost and size considerations that can provide high torque at starting and operate at low and high speeds/loads conditions with enhanced efficiency. He is currently conducting research to mathematically model six-phase IPMSM and propose a novel machine design approach for six-phase IPMSM. Such a multi-phase machine is expected to improve performance characteristics such as fault tolerance, torque ripple, efficiency and peak power rating of IPMSMs in direct drive electric vehicles.

**Prof. Nihar Biswas, U of Windsor | 70 CE**



## UPCOMING EVENTS

**AUG 21-22, 2015: KOLKATA**

### National Technical Event by GAABESU

After successful celebration of the first Alumni Day on December 28, 2014, GAABESU is gearing up for another new annual event. GAABESU is planning to host first National/International Technical Seminar/Workshop in August 2015.

An all India seminar on Energy and Environmental Challenges: Indian Perspective will be held at CII-Suresh Neotia Center of Excellence For Leadership at DC-36, Sector – I, Salt Lake, Kolkata.

For any information about this event, please contact:

- Shymaprasad Datta, '67CE, ex-President, GAABESU at 9830292214
- Subhashis Majumder, '80ME, an EC member at 9836374947


Alternatively email at [gaabesu@gmail.com](mailto:gaabesu@gmail.com) or call +91-33-26687436.



## RECENT EVENTS AND IIEST UPDATES





 IEST Convocation took place on March 4th 2015.


 77<sup>th</sup> REBECA took place from 12<sup>th</sup> to 15<sup>th</sup> March, 2015. Composition of the grand show was as follows:


- 12<sup>th</sup> March - Classical Night - Rashid Khan, Violin Brothers, Dalia Raut
- 13<sup>th</sup> March - Beings Night - Band Competition, Fossils, Invitational Debate
- 14<sup>th</sup> March - Kolkata Night - Anjan Datta, Dance Performance (Oscillation), Quiz
- 15<sup>th</sup> March - Mumbai Night - Panel Discussion, Alumni business meet, Rebecsal, Mohit Chauhan

For details visit <http://rebeca.iests.ac.in/>

 Euphony, the Music Society of IEST, Shibpur organized a 2 day event on 28th and 29th of March, 2015. The event "Euphony Oikotaan" was first of its kind aiming to find true talent in original composition. For details visit [www.euphony.iests.ac.in](http://www.euphony.iests.ac.in).

 GAABESU Honorary Secretary handed over all nominations received for distinguished alumni awards to IEST Administration.

 A Special General Meeting of the Global Alumni Association of Bengal Engineering and Science University, Shibpur (GAABESU) was held on Saturday, 4th April, 2015 at 10.00 a.m. in the Alumni Seminar Hall of IEST, Shibpur to consider the proposal of Executive Committee for amendment of Memorandum of Association and Regulation.

 With Central Council for Research in Homeopathy, IEST, Shibpur will soon open a centre of homeopathy and other alternative medicines in the name of renowned homeopath Bholanath Chakraborty. Central government has approved Rs. 10 Crore for the centre which will award Doctoral Degrees in homeopathy, Ayurveda, Unani Medicines and Yoga.



## OBITUARIES

Amal Kumar Ray (46ME) passed away peacefully on 29<sup>th</sup> January, 2015 at his residence in Kolkata. He was son of late Kalidas Ray (23CE), an eminent civil engineer and architect of that era, who was associated with many committees and academic council in B. E. College and Calcutta University when Dr. Shymaprasad Mukherjee was Vice Chancellor. He was Director of Annapurna Metal Works, a well-known valve manufacturing company during 1950-1970. He is survived by his wife, only son Kalyan Kumar Ray (71ME), and a GAABESU life member, daughter in law Mitali, grandson, grand daughter-in-law, and great grandson.

**Jyoti R Sengupta | 54 CE**

I received the sad news of passing away of our classmate Kalyan Banerjee (57CE) in Germany (Gelsenkirchen) leaving behind his wife Erna, daughter Bettina and son Robin. (31<sup>st</sup> January, 2015)

**Niren Banerjee | 57 CE**

It is with a sad heart that I announce the demise of Mr. Kambhu Nath Chakraborty on 12<sup>th</sup> February, 2015. Kambhuda graduated in Civil Engineering from B. E. College in 1948. Soon after graduation he joined Hindustan Construction Company (HCC Ltd.), a part of Walchand Industries in India. HCC was considered as the largest construction company in South-East Asia at that time.

Starting as a Junior Surveying Engineer, Kambhuda ended his career in HCC at the highest level as G. M. (CEO) of the company. I had the privilege of working with him in Vaitarna Dam, Maharashtra (54-55) and Rihand Dam, Uttar Pradesh (55-61). Thereafter, Kambhuda left for Farakka Barrage and I went to Sabarigiri Dam Project in Kerala.

I and all my colleagues looked up to him as a role model in engineering, management, innovation and foresight. After retirement, he left Mumbai, The Head office of HCC and settled in Kolkata. My wife and I living in the



same campus at the construction sites became very close socially with Kambhuda and his wife Rekhaboudi. It was a great pleasure for us to visit them when we happened to be in India. He was a Life Member of GAABESU.

**Jyoti R Sengupta | 54 CE**

With much sorrow I wish to notify that Dr. Sambhunath Ghosh, a 1956 CE graduate, passed away on 16<sup>th</sup> February at his residence in Salt Lake City, Utah. He did his doctoral studies at Georgia Tech and joined IIT R&D organization in Chicago as a group leader. Subsequently he joined University of Utah and worked as Chairman of Civil Engineering Department till his retirement. Dr. Ghosh distinguished himself as a pioneering researcher in his area of expertise, gaining national and international recognition. He was my classmate at the college and a lifelong friend of myself and the family. We deeply regret this loss and pray that his soul may rest in peace.

**Kajal K. Gupta | 56 CE**

I, hereby provide a news with grief the sad demise of our friend Sukumar Banerjee. He migrated in 1974 and settled in Orlando. He graduated in 1963 with BE in EE. (07<sup>th</sup> March, 2015)

**Prasanta Sanyal | 63 EE**

My older brother Edsel Martin Fonseca, residing in Bexleyheath, Kent, UK, passed away peacefully on 14<sup>th</sup> March 2015 after a prolonged illness. He graduated in 1951 with his degree in Electrical Engineering, a year before I was admitted to Architecture. (28<sup>th</sup> March, 2015)

**Rory Fonseca | 57 ARCH**

With heavy heart I am informing that Sri Debabrata Mukherjee, former Managing Director, Durgapur Steel Plant, Durgapur, West Bengal, BE Met 1954 batch, passed away untimely on 27<sup>th</sup> March 2015 at his Salt Lake, Kolkata residence after a brief illness.

Sri D. Mukherjee after graduating from B E College in 1954 in Metallurgical Engineering started his

professional career with Bhilai Steel Plant (under HSL then). He became Executive Director of Alloy Steels Plant, Durgapur later and was instrumental in various developmental plans of ASP.

He became Managing Director of Durgapur Steel Plant in 1981 and retired in July, 1991. Shri Mukherjee was the driving force for shaping the future of Durgapur Steel Plant. In fact the last Modernisation of the plant (started in mid-eighties and facilities became operational from early nineties) has been possible for his singular effort. I have been directly associated with him at DSP during 1985 to 1991 till his retirement.

A few years back he lost his wife. He left behind two daughters who are happily married, a host of friends and well-wishers. A great soul, full of wit, charm and interest in global issues, Shri D Mukherjee would remain alive and fresh in our living memories, ever after.

On behalf of every one of BEC/ GAABESU, we offer our sincere condolence to his families and friends. We pray for the eternal peace of the departed soul. May his soul rest in peace.

**Debkanti Bandyopadhyay | 82 ME**

With profound sorrow I am informing the sudden passing away of our batch mate Sri Sibabrata Mukherjee, in the early hours of 6<sup>th</sup> April, 2015. He passed out in 1962 in Electrical Engineering and spent most of his professional career with Calcutta Electric Supply Corporation Ltd (CESC), till he retired from a senior capacity, in 2000. He was an active member of the 1962 alumni core group and a Life Member of GAABESU. We convey our heartfelt condolences to his wife Vijaya and family and pray for eternal peace of the departed soul.

**Samarjit Chatterjee | 52 CE**

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



## বি.ই. কলেজ স্মারক সংগীত

(শিবপুর বি. ই. কলেজের প্রাক্তনীদের পুনর্মিলনের জন্য রচিত  
Alumni Anthem; রচনা ও সুর-সংযোজনা: রঞ্জন প্রসাদ)

টাওয়ার ক্লকের টিক্-টক্ টিক্-টক্

বয়ে চলে গঙ্গার জল

কোম্পানি বাগানের বুড়ো বটগাছ

পাতা-ঝরা ছায়ার আঁচল

সোনালি স্বপ্ন দেখা আমরা ক'জন

আগামী দিনের কারিগর

বিশপ্'স কলেজ থেকে বি.ই. কলেজ

জুড়ে আছে সারা অন্তর ।।

পাহাড় ঝাঁকিয়ে নদী বাঁধতে শিখি

ঝড় নিয়ে করি যুদ্ধ

রোদে পুড়ি জলে ভিজি পাতালে খুঁজি

রহস্য অবরুদ্ধ

সংগ্রামে ভরপুর আমরা ক'জন

আগামী দিনের কারিগর

বেঙ্গল ইঞ্জিনিয়ারিং কলেজ

জুড়ে আছে সারা অন্তর ।।

প্রগতির চাকাটাকে আমরা ঘোরাই

জেগে ওঠে গ্রাম – জনপদ

জন্মভূমিকে দেবো আমাদের পণ

বিশ্বের সেরা সম্পদ

কঠিন শপথ নেওয়া আমরা ক'জন

আগামী দিনের কারিগর

বি. ই. এস. ইউ. গর্ব আমার

জুড়ে আছে সারা অন্তর ।।

অজস্র বর্ষের বিশাল অতীত

রয়ে গেছে আজও অক্ষয়।

এখানে প্রবীণ রাত স্বাগত জানায়

নবীনের সূর্য উদয়

হাতে হাতে খাবমান দীপ্ত মশাল

যুগে যুগে চির-ভাস্বর

আই. আই. ই. এস. টি. স্বপ্ন সবার

জুড়ে আছে সারা অন্তর ।।

(পুরো নাম প্রসাদ রঞ্জন দাশ। স্থাপত্য, সাহিত্য ও সংগীতের বিরল সৃজনশীল সমন্বয়ে এক বিদগ্ধ সাংস্কৃতিক ব্যক্তিত্ব। কর্মজীবনে পশ্চিমবঙ্গ সরকারের মুখ্য স্থপতি এই প্রাক্তনী (১৯৬৯) 'রঞ্জন প্রসাদ' ছদ্মনামে সুধীজন মহলে সমাধিক পরিচিত। বি ই কলেজের উপর Documentary Film "The March Continues" ছবিতে এই স্মারক সংগীতটি "Theme Song" রূপে ব্যবহার করা হয়েছে।)

**Prasad Ranjan Das | 69 ARCH**



## JINDEGI NA MILEGI DOBARA: SCRIPT REWRITTEN (PART 2 OF 3)

Today's journey to Tshoka started well. With a lasting impression of yesterday's over exercised day. Within the serene nature of Himalayas, with humming sound of continuously flowing spring/waterfall/rivulet somewhere downhill. This sound sometimes become very prominent after crossing some bend in hilly trek trail. Other time it fades away like a distant low background humming noise. Trails are mostly hairpin trail. That is when we are to climb or descend sharply. We crossed the last/fourth bridge. Never ending ascent started. By now we were out of all mobile ranges. One good thing we noticed. All of us are very much acquainted with our mobile phones in our



everyday life but none of us was missing phone rings at all. Moreover, we were feeling much relaxed that we are not to respond regular calls etc.. It is a liberating feeling. Surly enjoyable. While having this tough trek which is one of the toughest trek in India, I found that human body is having a factor of safety, like what we have in design of structures, much more than it is apparent. In particular my legs were very cooperative. On the contrary my lungs & heart were not able to cope up with my legs. Slow, limited ascent was making my lungs breathless & heart pumping hard. I rediscovered my pace of ascent. I followed signals of my body. And complied like an obedient husband. Ascent was slow but steady. I did not try to copy pace of any other compatriot. I was slowest of them all but that did not bother me at all. My competition is with me only, none else. This kept me going. By mid-day we reached Bakhim.



Last time we stayed here in our first night of trek. There is a forest rest house. We have seen that this time as well. Still standing but in dilapidated condition. We went to the upstairs room where we stayed in the night last time. Part of the floor is missing creating a big hole. We could see the same fire place. Few cots are there. Without mattress. Doors & windows broken, missing. Stair does not look strong. We captured few snaps of this building, as part of our old memory still standing. We still could remember the frantic condition we were in at later

part of first day's trek last time. We were totally on our own. Could not afford to have, guide, horse/yak, porters not even tents! All luggage including dry foods for entire trek duration was distributed, shared & loaded in our rucksacks! We did not have any means to have cooked/hot food. In our first day we reached Bakhim. We did not have any other choice also. There was & is no Trekkers hut or rest house in between Yuksam & Bakhim. During the afternoon, I still remember, it started raining. Visibility became poor. We were only human being seen for last few hours together. Not knowing whether we are on the right trail or not. Day light was fast receding. Rain was incessant. However, rain in upper heights generally does not happen like in plains. We see it rains cats & dogs in plains but not in heights. We had started cursing ourselves for taking a decision of coming to trek in God forsaken place. Which is good for nothing and will fetch absolutely nothing! We were drenched till last part of our undies. It was a cumulative effect of sweating & drizzling. We almost lost hope of reaching a shelter for night and preparing ourselves to spend entire night outside in jungle with wild animals & leeches. From the morning we had been attacked by numerous leeches. I was attacked two places above ankle. And surprisingly one leech invaded through neck of my T shirt and positioned in my belly! As a precaution we carried salt to get rid of leeches. Salt does a magical reaction from leeches. It loses the grip and squeezes itself. I am not sure whether it gets killed by salt or not. But for sure we get relieved! By that time we started losing hope of coming back in a single piece after the then trek..... We heard a "Eureka" from a distance. One of us has spotted the forest rest house ahead. It was Bakhim's Forest rest house.

This time while going & coming back we did not encounter a single leech. There was a separate caretakers hut beside. Who agreed to provide us food for that night? It was a real relief to us after a long

strenuous unusual day. We dumped our rucksacks in the wooden floored rest house on the first floor. No electricity. As far as I remembered we slept on floor on that night. Inside sleeping bags. There was a fire place which is seen by us this time also. Temperature was right for lighting it but we did not have energy left with us for that venture. This time we took a small break in care takers hut. He served us tea.



We went on to Tshoka. We reached Tshoka after 14:00 hrs. We found all tents for sleeping are erect. Toilet is available & a place for dining too on the other side little far off. So those tents are not used. Had a warm lunch. Tried to take a nap to energize myself. Others kept on chit chatting, playing poker with chips. We got a view of snow-capped mountains just before sunset. Tried to take few snaps with my SLR on stand. Nothing impressive was captured. One thing I realized after starting photography that what naked eye can see, it is next to impossible to capture in any camera. We had a late afternoon tea. Had dinner little early like last night. After dinner we sat outside tents in dark night, as moon was expected after midnight only; it was a week after full moon. One of us sang few melodious songs without any instrument which made the evening a heavenly one. This evening became one of the best evening we spent together. Our nostalgia took a U turn in life &

taken us back to those College days in last century. A miraculous time machine effect! Night spent peacefully.

*Participants in 1993 were: Santanu Bagchi (96CE); Sourish Sarkar (95CE); Asimabha Bhowmik (95ME); Sumit Ray (95ME) and Somnath Mukherjee (96CE)*

*Participants in 2014 are: Kanchan Majumder (95CE); Sourish Sarkar (95CE); Asimabha Bhowmik (95ME); Sumit Ray (95ME) and Somnath Mukherjee (96CE).*

**Somnath Mukherjee | 96 CE**



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