

SPARK



Don Bosco University Newsletter

Volume 5 | Issue 2 | 2013



Commencement of Doctoral Programme 2013

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ADBU signs MoU with AIT, Bangkok, for Integrated B Tech-M Tech Programme and other research collaborations



Another feather in the cap – DBU Global launches UGlobal, its portal for MOOC



Collaborative ventures with universities abroad – firsthand accounts

From the Desk of the Vice-Chancellor

Recent times have seen a renewed interest in the writings of Jelaluddin Rumi, a popular philosopher, scholar and mystic poet from 13th century Afghanistan. His passionate, playful poems find and celebrate the sacredness of life in everyday existence. They speak across all traditions, to all peoples, and today his relevance and popularity continue to grow.

The other day, glancing through a copy of 'The Illuminated Rumi' by Coleman Barks, I came across this cryptic verse from Rumi: "It's your road, and yours alone. Others may walk it with you, but no one can walk it for you." ... and another, "Rise up nimbly and go on your own strange journey to the ocean of meanings..."

Commenting on it, the narrator adds, "It is a strange thing, this being human – a parade of paradoxes! We are always interconnected and interdependent with others; and yet we each have our own experience -similar to but never identical with another. We both ache for and are often ambivalent about keeping our own company and about being deeply with others..."

"Self-awareness and self-acceptance are needed if we are to know if today the soul needs solitude or companionship. And how do we find companionship when the task at hand is a solitary one, or find solitude if our commitments surround us with others?..."

"Ah. . . that's how the road is our own- we choose how we will walk alone, how we will walk with others - each finding their own way, together..."

The semester examinations are just over – for some, a definitive end to their formal academic life; and, for many, an anxious transition to the world of work. Our years together have gone by – all too soon perhaps! Two, three, four years of fun and laughter, 'of happy days, exciting experiences, fun days as well as boring days' (as one of you has written elsewhere in this newsletter), of joy and grief, of pride and fulfilment, of triumphs and disasters, of bonds that bind, and the eternal yearning to be different...

As you move on to your separate ways, down paths that are unique to you alone, the words of Rumi seem so haunting and challenging: "It's your road, and yours alone. Others may walk it with you, but no one can walk it for you... Rise up nimbly and go on your own strange journey to the ocean of meanings..."

Some years ago, while in the States, a friend of mine, Fr Normand Demers, drove me to Boston for a day's trip around that historic city. Here is what I reflected upon then about that experience...

"The other day Fr Demers took me for a trip to Boston. It was indeed far superior to any guided tour. He was so knowledgeable about the city: its history, its culture, its sights, its



glorious institutions... Regardless of the fact that I dozed off every now and then during that ride, we had a wonderful day out, in the sun, topped with a superb sea-food lunch at 'No Name' Restaurant right out on the pier...

"We then parked on Anthony's Pier that gave us an excellent view of Logan Airport. We lingered there for a while on the ocean front. It was a marvellous sight watching the planes (of all sizes) gliding in over the water and landing on the runway just off the sea... and then there were the rows of neatly stacked planes (again of all sizes and shapes) crawling on to the runway waiting their turn for the take-off..."

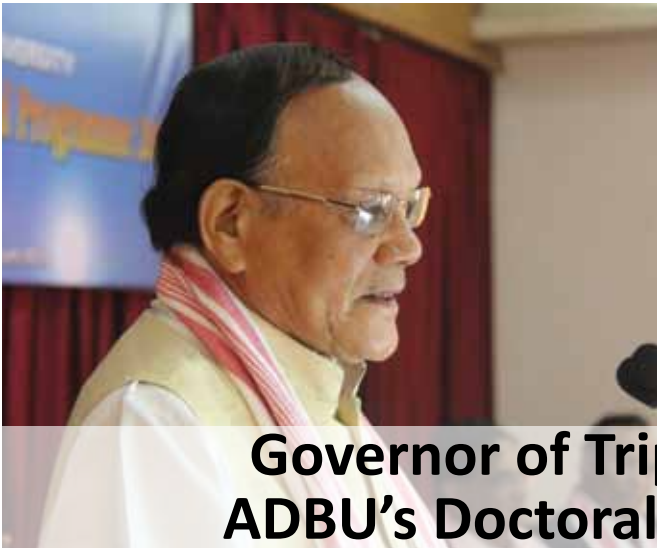
"It was a sunny day with some scattered clouds; and what struck me as I watched those planes take off and climb up into the sky were the vapoury trails that they left behind... first the smooth ascent up into the sky, then the graceful, yet deliberate, arching away to the left or the right. For a time those trails merged as plane after plane took off in the same flight path, and then they separated as they winged their way North or South or East or West... each leaving a trail that soon dissolved under the noonday sun..."

"That image is still fresh in my mind. It mimics life so realistically: the people in those planes with their lives and their loves, their fears and their anxieties, their hopes and their aspirations... Did it ever occur to them that, for a few brief moments, on that sultry summer day, their lives did indeed cross, as they traced those very same trails out there over the Boston sky!..."

Our lives are so much like that: we meet, we share ... ideals, dreams, anxieties... We part, we go our separate ways... But we thank God for the persons who cross our paths, by chance or by choice, because, on account of them and as a result of our interaction with them, we grow in ways that we cannot fathom!

Let me wish you God's blessings as you begin to navigate down your own unique inimitable paths. May the road rise to meet you!

**Fr Stephen Mavelly SDB
Rector & Vice Chancellor**



Governor of Tripura Inaugurates ADBU's Doctoral Programme 2013

His Excellency, Shri Devanand Konwar, the Governor of Tripura, inaugurated this year's Doctoral Programme and course work at the University campus on 8 April 2013. Congratulating the new batch of scholars who pledged to be sincere in their search, he exhorted them to be genuine in their desire to acquire the degree. He urged them to be authentic, creative and committed in their search for knowledge to enhance the world. The Governor appreciated the University's methodical way of organizing the doctoral program and in particular the meticulous and innovative way the course work is being conducted, giving students both motivation and tools to get engaged in scientific research. He also commented on the colossal undertaking of the University to enhance the quality of education in the northeast.

Fr. Stephen Mavelly, the Vice Chancellor, welcomed the august gathering and set the tone for the research programme of the year by accentuating some of the salient features of the doctoral research studies at the University. Fr. V. M Thomas, the Chancellor, and Most Rev. Thomas Menampampil, the Archbishop Emeritus, Guwahati, spoke on the occasion, challenging the scholars to have passion and interest for research.

The new batch consists of 54 students from various disciplines. Each of them took a pledge to be sincere and ethical in their research, and a signed document of the pledge was submitted to Prof. Basil Koikara, the Registrar.

The course work of six-month duration is systematically scheduled with the objective of imparting sound knowledge on research methodology that would enable the scholars to conduct research in a scientific manner. The course aims at guiding the scholars identify research issues and help them to formulate objectives, hypothesis, research design, tools of data analysis and select statistical methods. The methodology of the course is based on lectures, group discussions and presentations.

Prof. J. N Vishwakarma, Director of the Research Programme, at the very outset called upon the students to get into a serious and actively involved study programme that would lead to great results of new findings and insights. Prof. Basil Koikara had a few sessions on statistics and gave the scholars hands on experience of computer programmes that are essential for their study. Dr. Paul Pudussery spent time with the students, helping them to craft research, research proposal and review of literature, research methods and APA format. Dr. Dominic Meyieho dealt with the philosophical dimensions of research.

The University offers doctoral degrees in 12 disciplines such as Biotechnology, Physics, Chemical Science, Computer Science, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, North East India Studies, Social Work, Language Studies, Mass Communication and Management.

Dr. Paul Pudussery, CSC





‘SWASTYAYAN ... a commitment’

A social commitment programme of Assam Don Bosco University (ADBU), aptly named SWASTYAYAN... a commitment, was launched in the ADBU auditorium on 1 April, 2013. This is an initiative of DBISS to be carried out in collaboration with the DBCET faculty and students who have volunteered to be part of this venture.

The chief objective of the programme, as introduced by Prof. Manoranjan Kalita, Principal, DBCET, was to engage in community development initiatives in the Azara locality by focusing on the educational needs of the children.

In his inaugural address, Fr. Stephen Mavelly, Vice Chancellor, mentioned that through the project, the university is to work towards providing the youth and children of the neighbourhood inputs on career building, soft skills and personality development, apart from engaging in tutorial classes on subjects taught in schools. He stressed on the need of including ethics and values in education in order to strengthen the ties with the communities.

Speaking on the occasion, Dr. Riju Sharma, Director, DBISS, lauded the efforts of the students from the Department of Social Work for their arduous groundwork of pilot survey and contacts that made this new undertaking of the University possible. She also informed that the University would initiate a participatory research for assessing the educa-

tional status of the communities in and around Azara for further intervention. In his motivational speech, Mr. Kashi Nath Hazarika of ADBU enthused the students, presenting several examples in order to get them engage themselves in committed work to succeed in life.

Mr. Acharya, representative from the locality, thanked the University for initiating the project and said that programmes like SWASTYAYAN would go a long way in bringing about positive development in the society. He conveyed his best wishes to the organizers and the students from the locality who have joined the programme and their parents who were present for the programme.

The invited guest of the day's programme, Mr. Sarat Chandra Das, Sarkari Gaonburha, Azara, welcomed the social commitment programme of the ADBU, expressing his hope to see the communities around Azara gaining substantial growth and development.

A motivational song presented by the student volunteers on the occasion focused on the importance of education, career planning and social development. And in conclusion, Mrs. Margina Begum, a resident of Hathkowapara, presented a harmonious community rendition. The song was well appreciated and received a standing ovation from everyone.

Victor Narzary, Asst. Prof., Dept. of Social Work

Soft Computing Tools Oriented Training

A two-week short term course on “Application of soft computing tools in the field of Science & Technology”, organized by the Department of Electronics and Communications Engineering of Don Bosco College of Engineering and Technology, in collaboration with Adlabs Solutions and National Instruments, was held on 17-29 June, 2013. The objective of the workshop was to familiarize the participants with the functioning and application of MATLAB, LABVIEW, MULTISIM, ULTIBOARD and SCILAB, which are the most widely used soft computing applications today.



The participants of the programme consisted of researchers, faculty and students in the field of Electronics, Electrical, Computer Science and Engineering, Instrumentation, Physical Sciences and Mathematical Science.

Kaustubh Bhattacharyya, Asst. Professor, DBCET

ADBU Team with Provincial Superior

Fr. V.M. Thomas, the Provincial, had an hour of interactive meeting with the Core Committee of the University on 20 May 2013. He spoke to them on the importance of becoming credible, visible and fruitful as the University aspires to reach great heights in its pursuit of educational standards. The need of making impact within the institution as a whole and on individuals, greater emphasis on research which holds paramount importance in making it a realm of learning, and upholding quality for excellence were some of the points he discussed with the group. He concluded the hour-long meeting explaining an acronym, "TRACT" which stands



for teaching, research, administration, consultancy and training – the integral parts of any university system.



Press Conference on ADBU's Collaborative Ventures Partnership between Assam Don Bosco University and Universities Abroad

Assam Don Bosco University (ADBU) held a press conference on 11 June 2013 at Guwahati Press Club to apprise the public about its new collaborations that promote educational and cultural cooperation in the areas of education, research and exchange through its partnership with foreign universities. Over the past years, the university has undertaken a number of collaborative ventures with other universities in India and abroad, seeking to give the best of opportunities to its students. This was keeping in line with the expansion in higher education standards and the ever increasing need for skilful and competent personnel who can work effectively in an international setting.

One of the series of MoUs signed by the University in this regard was with the University of Arkansas at Little Rock (UALR), USA, on 13 March 2012. 'Students Exchange Programme' was part of this agreement, and the University's dream of the student exchange programmes with well-known universities abroad was realised when it sent four of its students to the University of Arkansas on 14 August 2012. The four students, selected from those who had completed four semesters of study at ADBU, were to continue their 5th and 6th semesters at UALR without having to pay the university fees of Arkansas.

At the press conference, the four students of Don Bosco University, Sraddhanjoli Bhadra, Barasha Hiloidhari, Manas Pratim Mahanta and Tavleen Kaur, spoke about their one year study abroad as a new learning experience. Commenting on the study approach at UALR that is more practical

and professional, Sraddhanjoli Bhadra said, "The education system over there mainly focuses on concepts and understanding and better education; the laboratory activities are most modern; the open lab format allows us to work at our own pace. The faculty also emphasizes more on projects, assignments and labs rather than teaching theory alone." Three of these students have opted to continue with their final year of studies at Arkansas, having obtained a scholarship which comes to nearly 60% of their academic fees. The second batch of students of ADBU will join UALR in August 2013 as exchange students from our university to theirs.

Mr. K N Hazaraika, Member, Board of Management, ADBU, in his address to the press said, "Realising the significant advancements in higher education, the University has recently signed MoUs with Asian Institute of Technology (AIT), Bangkok University, and National Technology Centre of Thailand for mutually beneficial association in higher education, knowledge transfer and research." He also mentioned various other MoUs signed by the University with other Institutes that enhance study abroad opportunities.

Introducing the new programmes, such as Masters in Educational Leadership, Masters in Psychological Counselling, Masters in Child Rights and Masters in Social Work, Dr. Paul Pudussery from ADBU stated that the University has launched these programmes under its Institute of Social Sciences recognizing the need of the hour, and the possibility of being a catalyst in the process.



Updates from Training and Placement Cell

The Training and Placement Cell has conducted a series of training activities mainly focusing on the sixth semester. The activities included aptitude tests through the in-house web based software, MOODLE, departmental level mock interviews in coordination with the Training and Placement Cell. Besides these, group discussion sessions on communication, content development and attitude were also carried out. The cell has successfully concluded the training activities and the reports are in the process of compilation and finalization. The reports target to give a perspective of the current standing of each student on various skill sets which will pave the way for further development.

In spite of an erratic job market this year, the footfall of campus drives has improved in comparison to last year by 16%. The Cell has been in continuous communication with all the final year students, preparing and facilitating them to appear for aptitude assessments and interviews by the re-

cruiting companies. Besides providing the students required supports and travel arrangements, the Cell has also spent time in appraising the students about the detailed feedback received from the interviewers. Based on the feedback, the cell has prepared a customized kit for preparing the students of the next semester for placements.

Another achievement of the Cell is its successful accomplishment and finalizing the projects of IBM's "The Great Mind Challenge Contest" in coordination with the Department of Computer Science. For this, the students took the initiative to develop the projects within the given stringent timelines and also met the requirement for developing the projects in a totally new environment. The mentors assigned and the HOD of the department supported the students constantly to strive for the expected results.

Mr. Shahnawaz Hussain, TPO

Preparations underway for 'Prajuktam 2013'



Prajuktam, the annual technical festival of the college, has been restructured with additional programmes and activities. This year's event will attract a large number of students from all over the region. The boundaries of the event has been expanded by including management activities, school activities, leisure activities and many more, apart from the already existing technical events.

The planning phase of the event started with the formation of the core committee. The event has been scheduled to be held from 29 October to 1 November 2013. The inaugural session will be honoured by eminent guests, and a mara-

thon through the city will mark the start of the event.

The idea behind giving the event a Techno-Management dimension is to involve the management students of our universities and nearby colleges. The programme will also give a taste to students from schools who might want to choose a technical career.

Achievement



Hearty Congratulations to Dr. Biju Mani Das, Asst. Professor, DB-CET, for his achievement in being awarded the Ph.D. Degree in Commerce by Gauhati University on 2 May 2013 for his Thesis: "Prospect of Entrepreneurship Development in Small and Medium Enterprises in Assam with Special Reference to Nalbari District".

ADBU Introduces Performance Appraisal and Management System

As the present-day institutions are undergoing an alteration for coping against the changing needs of the environment, a number of time tested processes are introduced to ensure smooth and efficient functioning of the organization. Progressively, the Assam Don Bosco University is also putting into place several processes covering vital areas of operation of the University with the clearly defined goal of ensuring the best for its staff and students so that the University becomes the preferred place of work and study in the years to come.

Ms. Juhi Barua, the HR Director and Prof. Basil Koikara, Registrar, met with groups of staff members on 7 May, 2013 to familiarize them with the details and time lines



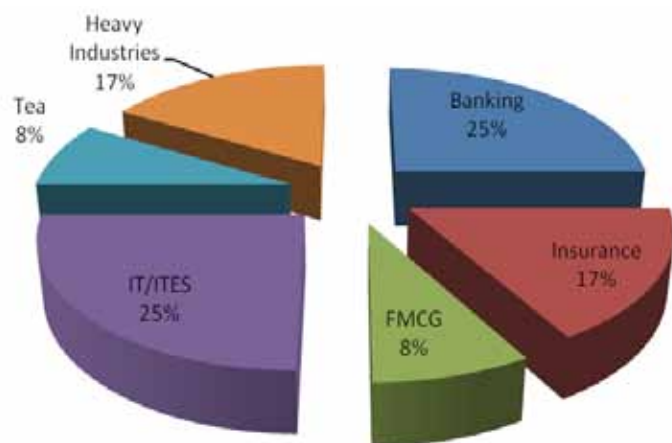
of the newly introduced Employee Performance Appraisal and Management System of the University with a view to ensuring transparency and accountability in performance related issues.

DBIM's 3rd Batch Encounters robust Placement Season

The placement season for the MBA batch of 2011-13 is a testimony to the continued faith and dedication placed by the team at DBIM and the confidence of the corporates. The number of recruiters participated in the year's placement till date stands at 18, with 35 students (batch size 39, with 1 student opting out of placement) receiving offer letters. Many of the corporates who made their offers were exceptionally happy with the students and the Do Bosco Institute of Management, and encouraged a long standing relationship.

Recruiters @ Placement 2012 - 13

Industry heavy weights from sectors across the spectrum



- Consulting, Banking, Insurance, Healthcare, Research, Manufacturing and Retail - had established a bond with the second batch. Mayo Foods, HDFC Sales, Spicejet, ICICI Prudential, Essar Industries, Hotel Taj and Star Union Di-chi Insurance were amongst the major recruiters.

ICSSR-ADBU Workshop on Research Methodology



A Research Methodology Course, entitled "Social Science Research: A Movement towards Heuristic, Enactive, Participatory Epistemology", was organised jointly by the Indian Council of Social Science Research (ICSSR) and Assam Don Bosco University on 24 - 28 June. The primary target group included doctoral students who were guided to conduct their research in scientific and systematic manner. There were 30 participants attending and they had been selected from a pool of 115 applicants. Dr. Paul Pudussery, csc and Dr. Dominic Meyieho were the co-ordinators of the programme.



Memories... memories... moments to cherish!

Musings of Final Year Students



As we come to the close of one phase of our life in college, a lot of memories pass through our minds. We have had many happy days, sad days, fun days as well as boring days, but we will always cherish these memories.

It is wonderful to know that we have had many firsts in this phase of life. Some of us, for the first time, addressed a crowd, made presentations, prepared a wall magazine, etc.

Our orientation and development programmes and the social commitment activities will always be remembered. They taught us many important and valuable lessons in life. The various activities organized in the college, be it curricular or extra-curricular, taught us how important it is to be cooperative and to work in a team. We also got many opportunities to organize various fests which have enriched us and made us more mature and responsible human beings. We have had a number of assemblies in which we got the opportunity to share our thoughts with our friends and teachers.

Now, we'll all be going our separate ways. We don't know if our lives will ever intersect again. There are points that we'd like to share with our friends who are going to start a new phase of their lives. No matter how we get along in life, there are many things that we always have to keep in mind. Whatever we have learnt is never enough. We need to be a student for life. Never stop learning. Life is a tough road, in this process of experiencing and learning from life, we might come across many hardships and discouraging moments. But always remember, "never give up".



Many of us have the habit of just bragging about what we want from life. "Live your passion, don't just talk about it." We need to gather enough courage to fulfill our dreams. In this busy life of ours we forget how to enjoy life. We get so carried away fulfilling our dreams that we forget that there are other aspects to life too. "Laugh often". Whenever we are in need

of any help, just set your ego down and "Ask for help when you need it". Help is all around. Now, the most important of all is to 'love yourself'. Unless we love ourselves we can never be satisfied with ourselves. Never underestimate yourselves. Let us remember that each and every one of us is important and called to contribute to the well-being of the world.

Rosemary Koikara and Mitali Gogoi, B. Tech

Looking back upon the four glorious years in this college, I can conclude that the opportunities and teaching provided to me by the college are commendable and incredible. I am grateful to the college for giving me the privilege of having a technical education. I pray and hope that our university will continue to prosper in its desire to impart impartial education to the people of Northeast.

Sanjay Chettri, B. Tech



Thank you DBCET for making me what I am today. Four years ago, I stepped into you as a young teen with hesitation and fear; but today I step out of you as a matured and confident person, ready to shoulder the responsibilities of a profession as well as those of life.



Thank you for being my friend, philosopher and guide and for being there for me throughout the last four years. At this juncture of life, I can proudly say that the last four years of my life with you have been the best part of my life. You gave me teachers whom I can never forget and friends for life. You made me disciplined and hardworking, morally upright and socially committed.

You took out my fear and encouraged me to show my talents. You loved me and cared for me as your child. As I bid you adieu, and get ready to venture into the corporate world, I promise to treasure all your gifts in the form of wisdom and values, which I carry with me to spread your fragrance around me wherever I be in the coming future.

Monjumi Sarma, B. Tech

The first day when I entered the college, I noticed the motto of our college "LIFE IN ITS FULLNESS"; but I had no idea what it actually meant. One thing that immensely motivated me was the speech of Fr. Stephen Mavelly, which inspired me to take well the first step of my 4 year journey as a BOSCONIAN. These past four years of life in DBCET taught me lessons of sincerity, punctuality and, most important of all, the value of time. It nurtured me to build a strong foundation for IT career, taught me to work in a team, helped me develop communication skills and guided me to build a strong personality with positive attitude.



Namrata Deka, B. Tech



I sincerely appreciate my college and all its teachers for enriching my life and guiding me to aspire for greater heights. I have personally experienced the love and warmth given by teachers, which I have never experienced during my school days. With the help and guidance of wonderful teachers, I have been able to fulfill my dream. Even before I entered my final semester, I got selected for a job. The College

has offered me wonderful opportunities and let me grow.

Ayush Tak, B. Tech

The last four years at DBCET have been a great experience for me. It has given me an enriching time with many exciting experiences and great learning. Time and tide waits for none... while it's time to bid farewell, I am assured of the memories and the experiences that will stay on forever - memories of joy and fun, memories of the faculty and college, memories with our friends and dear ones.



Bijeet Bardoloi, B. Tech



My experiences of two years at the Department of Social Work, ADBU, were really wonderful with many enriching moments. The journey has changed my attitude towards the society as a whole and made me extend my zone to various diversified areas. I got the opportunity to observe and engage as a social worker in a multi-disciplinary team setting essentials in the field of community development of Northeast

India and also gained experience in the field which gave me an exposure to know the real life setting. The entire course of study consisted of theory, fieldwork and research enhanced my knowledge and proficiency. Thanks to the Department of Social Work, Assam Don Bosco University for insisting on quality and providing the best.

Nabanita Hazarika, MSW

I still remember the day I first stepped into the college in the year 2010. A new life with an atmosphere for learning new things was all that I was looking forward to for my days in DBCET. At the beginning a lot of questions filled in my mind and I was not certain of the days ahead. But, to my surprise, I found myself getting adjusted very fast to the place, people and the routine life. The friendship and sharing I had with my friends and teachers during these past three years have indeed made me a better person. Starting from the very first day till the last, I have received a number of opportunities to learn and grow. Today as I leave this college I have mixed feelings of joy for undertaking a new path and grief for leaving behind the place and people I love. I will always cherish the time I spent in DBCET and remember with gratitude everyone and every experience that made me what I am today.



Gautam Budha Nath, MCA



My two years' study at DBCET gave me a wonderful experience of getting back to the student life. I got the privilege to be in the first batch of M.Tech students of the University. I appreciate the friendly atmosphere and the helpful attitude of the management, faculty and students. Thanks to DBCET for enriching my life and helping me better prepared to face the life ahead.

Maushumi Lahon, M Tech

One of my friends described DBIM, "It's a castle on the hill top with magic all around." While I take pride in being part of this great institute, I place on record the commendable role of each Faculty, who instilled in us right motivation all through. They have always tried to show us a very realistic view of the corporate world, which actually helped us to acclimatize ourselves to the professional side. The importance of setting goals and achieving them on time with the resources available was taught to us during these two years. We were also reminded often not to get lost in the crowd but to stand apart with quality work, leading to optimum result.



"It's better to sweat in practice than bleed in war" became a mantra which we got to listen every day. Our target was not just to complete MBA with the amazing scores on our mark sheet but know nothing about the practical side of it. Instead, it was about management in practice - applying the concepts, knowing how to react to a situation, thinking on your toes, thinking one step ahead of the others.

DBIM gives a new definition to being MAD - Make a Difference! Making a difference to the society, to other's lives, to the place where you live, where you work. It's easy to score on sheets if you are clear with your concepts; but what is difficult is utilizing the things that you learn to make a difference around you, creating a niche for yourself, making people rely on you.

Two years of my life went pretty fast as there was little or no free time. Whether it's a B-Plan competition or a case study, my mind was always on the run. At the end of the two years, I realize that everything that I did was directly related to my professional life. My real test began when I entered the real professional world. Whatever I could learn in the short timespan at DBIM had made me capable of tackling the work environment, the pressure that everyone has to go through in their work. Somehow I'm enjoying working as a management trainee. For me it's just an extension of my learning curve. It's just the practical side of whatever I understood during my stay at DBIM.

Sweety Mathew, MBA

Fare D' Well...

DBCET bids farewell to its final year students

DBCET bade farewell to its final year students of M. Tech, MCA and B. Tech on 5 May, 2013. The pre-final year students took the initiative in planning and organizing the day's programme. The entire programme was well thought out and meticulously arranged to etch lasting memories in the minds of the outgoing students.

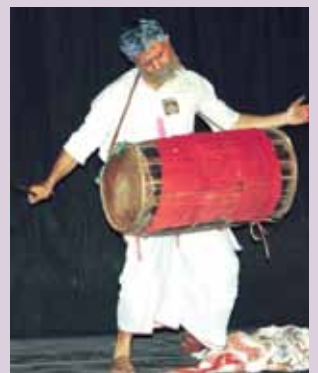


Fr. Stephen Mavelly, the Vice Chancellor, exhorted the students to keep up their good spirit, follow dreams and work hard to reach the goal. Prof. Manoranjan Kalita, Principal, Fr. Francis Fernandez, Campus Minister, Department heads and student leaders delivered messages of inspiration and encouragement. A few items presented by the final year students displayed their profound sense of belonging to the college, as well as giving expressions to their unity, closeness and friendship that they experienced during the past years.

Ankur Jyoti Das, MCA-4, DBCET

Curtain Call 2013

"Rangayan", the Dramatics club of DBCET, is getting ready for all Assam Inter College Drama Competition, known as "Curtain Call - 2013", scheduled to take place on 10 August.



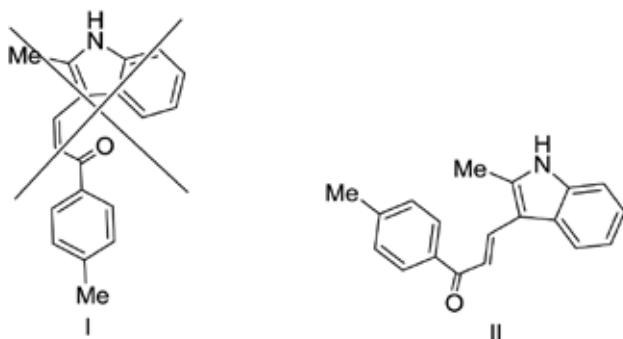
Research Corner

Ph. D. Course Work of 2013 Batch Launched

Ph.D course work of 2013 batch commenced with effect from April 8, 2013 with an inaugural function.

A New Dimension Added

Researchers at Organic Research Lab (Department of Chemical Science) of Assam Don Bosco University have for the first time successfully started studying X-Ray crystal structures of in-house synthesized molecules. For example, of the following two structures I & II, the former was ruled out on the basis of spectral as well as X-ray crystallographic data. The X-ray crystal data has been successfully deposited with Cambridge Crystallographic Data Centre with CCDC no 936083.



The X-ray crystal structure of molecule II is shown in the following Figure



Figure

Synopsis Presentation and Registration

Synopsis presentation of the following four Ph. D. scholars took place on May 10, 2013 and the registration process is on.

Scholar	Department	Synopsis Title
Rachel Kabi	Department of Social Work	Juvenile Delinquency & Family Paradigms: A Study of Juveniles in the Observation homes of Assam
Shajymon ML	Department of North East India Studies	Socio-Cultural Impact of Immigration in 20th Century Tripura
Sajimon KJ	Department of Social work	The Status and Role of Women in Zeliangrong Naga Society: A Case Study in Nagaland
Kakoli Das-Kalita	Department of North East India Studies	Fishing Technologies and Associated Culture of the Communities in South-Western Assam



Conferences/Symposia/Workshops attended

- Assistant Professor P. Joseph from HSS department attended the Annual Teachers' Convention of ISTE with the paper presentation on the theme 'Role of Teachers in Preparing Technocrats for 21st century' at Assam Textile Institute, Ambari, Guwahati, conducted by Indian Society for Technical Education (ISTE), Assam and Eastern Section, on 1st March, 2013.
- Assistant Professors P. Joseph from HSS department, Karen Das from ECE department, Bikramjit Goswami from EEE department and Asst. Registrar Ms. S. Nissi Paul, participated in a two-day regional workshop on 'IPR Awareness in E & IT in the North Eastern Region' jointly organized by the IPR Cell, Tezpur University and Institute of Engineers of India (IEI), and sponsored by the DeitY (Department of Electronics & Information Technology) at Institute of Engineers of India, Pan Bazaar, Guwahati, on 18th and 19th March, 2013.
- Assistant Professor Karen Das attended the regional workshop on Intellectual Property Right, organized by IPR cell, Tezpur University, in collaboration with Institute of Engineers (India).
- Assistant Professor Samar Jyoti Saikia attended the National Conference on New approach of Basic Sciences towards Development of Engineering and Technology (NABSET2013) at Don Bosco College of Engineering & Technology on 1st & 2nd March, 2013.
- Assistant Professor Hemashree Bordoloi attended the National Conference on New Approaches of Basic Sciences Towards Development of Engineering & Technology (NABSET – 2013) at Don Bosco College of Engineering & Technology, Guwahati, Assam, held on 1st & 2nd March, 2013.
- Bikash Agarwal and Hemashree Bordoloi, presented their paper on "An Optical Approach to Acquire Pulse Signal with Minimum Noise", in the National Conference on New Approaches of Basic Sciences towards development of Engineering & Technology (NABSET – 2013) Don Bosco College of Engineering & Technology, Guwahati, Assam, held on 1st & 2nd March, 2013.
- Assistant Professors Pronami Bora and Hemashree Bordoloi presented a paper titled "Survey on Onset Detection of Cataract", in the National Conference on New Approaches of Basic Sciences towards development of Engineering & Technology (NABSET – 2013) Don Bosco College of Engineering & Technology, Guwahati, Assam, held on 1st & 2nd March, 2013.
- Bishweshar Pratap Tasa, Tulika Chenglari, Pompy Das, AvinashSinha and Hemashree Bordoloi, attended the National Conference on New Approaches of Basic Sciences towards development of Engineering & Technology (NABSET – 2013) Don Bosco College of Engineering & Technology, Guwahati, Assam, held on 1st & 2nd March, 2013.
- Joyeeta Singha and Karen Das presented a paper entitled "Hand Gesture Recognition Based on Karhunen-Loeve Transform", in Mobile & Embedded Technology International Conference 2013, pages: 365-371, ISBN: 978-93-81583-82-1.
- Bikramjit Goswami and Kandarpa Kumar Sarma attended the 58th Annual Technical Session of Assam Science Society with a paper presentation on "Self Organizing Maps Based Clustering of Signals for Antenna Reconfiguration" on 8th March 2013
- Mr. Bikramjit Goswami and Dr. Shakuntala Laskar, Department of Electrical and Electronics Engineering, DBCET, attended the national conference on New Approaches of Basic Sciences towards development of Engineering & Technology (NABSET – 2013) at Don Bosco College of Engineering & Technology, Guwahati, Assam, held on 1st & 2nd March, 2013.
- Sivarjan Goswami, Darathi Dutta, Pinky Deka, Bijeet Bardoloi and Dipjyoti Sarma, presented a paper on "ZCR Based Identification of Voiced, Unvoiced and Silent Parts of Speech Signal in Presence of Background Noise", in the 'International Conference on Computation and Communication Advancement' (IC3A)-2013, Kalyani, West Bengal, India, pp: 134- 138, 11th -12th January, 2013.
- Research Scholars Ms Utpalparna Kalita and Ms Shunan Kaping, Organic Research Lab., ADBU, presented a poster entitled "Ultrasound assisted KHSO₄ mediated facile general green synthetic route to 3-(alkyl/aralkyl/aryl)amino-1-arylprop-2-en-1-ones and 1,2-bis-(3-oxo-3(alkyl/aralkyl/aryl) propenylamino)benzene" in the national conference on New Approaches of Basic Sciences towards development of Engineering & Technology (NABSET – 2013) at Don Bosco College of Engineering & Technology, Guwahati, Assam, held on 1st & 2nd March, 2013.
- Subra Mukherjee and Karen Das presented a paper entitled 'A Real Time Approach for Background Subtraction and Shadow Detection for Smart Surveillance', in 'Mobile & Embedded Technology International Conference' 2013, pages:181-185, ISBN: 978-93-81583-82-1.
- Souren Das, Sumit Kumar, Saurabh Prakash, Ankur Deora, Tuja Khaund, Samrat Dey and Ashish Paul, presented a poster on "A Computer Simulation of Liquid helium-4 for calculating pair correlation function using Lennard Jones Potential" (NABSET 2013), Assam, and also appears in the Indian Journal of Science and Technology, ISSN: 0974-6846, Vol 6, Issue S3, March 2013.

- “A novel Fiber Optics Based Pressure Sensor” was presented at National Seminar on Frontiers in Science and Technology organized by Assam Science Society at Gauhati University held on 8th & 9th March 2013 by Preeti Lahari M. Tech (ECE), 4th semester.
- “An Optical Sensor Based Set up for Monitoring pH value of Liquid Using Lab View” was accepted at IEEE, International Conference on Research and Development Prospects in Engineering & Technology, ICRDPET

2013 held at Nagapattinam, Chennai, on 30th-31st March and was presented by Dimpy Chetia, M. Tech (ECE), 4th Semester.

- A paper entitled “Fiber Temperature Sensor in Lab-view” was presented by Bithika Choudhary (M. Tech, Electronics & Communication) in the “National Seminar on Frontiers in Science & Technology” held on 8-9 March, 2013 at Guahati University.

ADBU Weekly Research Lectures

Day/Date	Speaker	Topic
Friday April 5, 2013	Samrat Dey	Revisiting Fundamental Concepts of Quantum Mechanics
Friday April 26, 2013	Jose Jacob, svd	Cognition of Religion Among the Rangbani Rabha of Assam
Friday May 3, 2013	Dominic Meyieho	Understanding Culture & Festivals of Southern Angami Nagas: Across Cultural Dialogue
Friday May 17, 2013	Vijay Prasad	Application Involving OMR & HCR Engines
Friday May 24, 2013	Moyurima Borthakur	Green Approaches towards aza-heterocyclic Synthesis

*Professor Jai Narain Vishwakarma
Director, Research, ADBU*

ADMISSIONS 2013

B TECH
M TECH
MBA
MCA
MSW
PHD
MASTERS IN
CHILD RIGHTS
EDUCATIONAL LEADERSHIP
PSYCHOLOGICAL COUNSELLING

OPPORTUNITIES TO STUDY ABROAD

University of Arkansas (Little Rock, USA)
B TECH : Semesters V & VI on Student Exchange with an option to continue Semesters VII & VIII to get a degree from USA

Asian Institute of Technology (Bangkok, Thailand)
Integrated 5 Year B TECH – M TECH
Student Exchange of 1 or 2 M TECH Semesters
B TECH Project Internship
M TECH Project Internship
MSW Project Internship
PHD Internship and Research Assistance

University of Bangkok (Thailand)
Student Exchange of 1 or 2 B TECH Semesters

National Science and Technology Development Agency (Bangkok, Thailand)
B TECH Project Internship
M TECH Project Internship
PHD Internship and Research Assistance



**ASSAM
DON BOSCO
UNIVERSITY**

Established by Assam Legislative Act
Recognised by UGC under 2(f), AICTE
Distance Education Council (DEC)
Association of Commonwealth Universities (ACU)
International Association of Universities (IAU)



DBU Global launches MOOC

We are just halfway through 2013, and DBU Global has already set another milestone to its credit, with the launch of its very own MOOC.

MOOCs or Massively Open Online Courses are large scale Online Courses open to the general public, usually tuition free, taught using a series of pre-recorded lectures as well as in-built assessment plans. The “massively” in MOOC refers to the class size, often ranging from the low hundred to hundreds of thousands in some cases! “Open” here, of course, refers to open enrollment, both in terms of there being no entry barrier in terms of eligibility, as well as there being no monetary aspect to enrollment.

Increasingly seen by many as the next ‘big thing’ in education, MOOC’s essentially are attempts at online education by traditional universities, with some key improvements over previous attempts, key amongst which is the allowance for public private participation, and the grant of certificates.

The United States, in particular, has seen a large number of MOOC initiatives come up, attracting attention from both Academia as well as the Venture Capital investment community, notable amongst them being edX (accessible at

www.edx.org), an initiative by MIT and Harvard.

DBU Global’s MOOC initiative, uGlobal (accessible at www.uglobal.org), in partnership with University18, shall see the launch of a series of Open Courses, beginning with a Certificate Course in Management in March 2013. The course saw a fairly successful launch, enrolling more than 2600 students from across the Indian Sub-Continent in the first few weeks of its opening.

Delivered using a series of pre-recorded lectures taught in an easy to follow manner, the Course delivers an introductory level course in Management. Students completing the assessments successfully receive a Certificate from the University.

uGlobal also partners with the Indira Gandhi National Open University for the delivery of a few other programs, and intends to add on other Universities from around the country in this noble effort.

By the end of 2013, DBU Global hopes to have about 10,000 students enrolled over a variety of MOOC Courses in uGlobal, all taught gratis!

Mr. Raunak Singh Ahluwalia, DBU Global



My Experience at the University of Arkansas

I consider myself fortunate to have been selected one of the four students from DBCET for the Student Exchange Programme of one year at the University of Arkansas, Little Rock (UALR), USA. My stay at Little Rock was very exciting. It was a great learning experience for me in the long run. This programme has helped me to become self-reliant and has boosted my self-confidence.

At Little Rock I had enrolled for Systems Engineering Department. The classes were very much organized and sys-

tematic. During my stay, I had the chance to see some of the latest technological developments over there and also received many opportunities to do real life projects which were based on Solar Energy and Digital Signal Processing. I also had the chance to meet some of the higher ranking officials who worked in various MNC's there at Little Rock.

Overall, the program has proved to be a milestone in my life. And, I am sure that these experiences will contribute to my dream of becoming a successful engineer.

Manas Pratim Mahanta, UALR, USA

Assam Don Bosco University in partnership with Asian Institute of Technology



Fr.(Dr.) Stephen Mavely with Prof. Sivannapan Kumar at AIT

Assam Don Bosco University (ADBU) has signed a Memorandum of Understanding (MoU) with the Asian Institute of Technology (AIT), Bangkok, on 7 June 2013 with a view to formalizing a Unified Bachelors-Masters degree program. The MoU was signed by Fr. (Dr.) Stephen Mavely and the AIT Acting Vice President for Academic Affairs, Prof. Sivannapan Kumar. Fr. (Dr.) Mavely, while signing the MoU stated that both Don Bosco and AIT are reputed brand names, and the

partnership will help both the universities.

Prof. Sivannapan Kumar formally welcomed the delegation from Assam Don Bosco University and provided an overview of AIT. He opined that besides the academic programs, the two universities could work together in research projects which can be funded by funding agencies like Department of Science and Technology (DST), India, and Ministry of Sci-



The participants in the MoU signing ceremony at AIT

ence and Technology (MOST), Thailand, amongst others. He suggested that ADBU and AIT could collaborate in their outreach activities.

The other participants in the MoU signing ceremony were Dr. Weerakon Ongsakul, Dean, School of Environment, Resources and Development (SERD); Dr. Amaratne Yakupitiyage of SERD; Prof. Nazrul Islam of School of Management (SoM); Dr. Sangam Shrestha of School of Engineering and Technology (SET); Mr. Ahmed Amjad Ali, Head, External Relations and Communications Office (ERCO); and Mr. Tenzin Rabgyal, Senior Program Officer, ERCO from AIT side and Dr. Sunandan Baruah, Head of Department of Electronics and Communication Engineering, ADBU.

On 8 June 2013, Assam Don Bosco University signed an MoU with the Thailand National Metal and Materials Technology Center (MTEC), a constituent unit of the National Science and Technology Development Agency (NSTDA), Thailand, for sharing of facilities and exchange of researchers.

It was signed by Fr. Dr. Stephen Mavelly, Vice Chancellor of ADBU and Dr. Chanchana Thanachayanont, Sr. Researcher of MTEC. In this regard, a project has already been started involving Dr. Sunandan Baruah and Dr. Chanchana Thanachayanont, on the development of semiconducting materials for use as sensors.

Another breakthrough of ADBU is its collaboration with the Center of Research in Optoelectronics, Communications & Control Systems of Bangkok University (BU_CROCCS). Fr. (Dr.) Stephen Mavelly and Dr. Sunandan Baruah had a round of successful discussions with Dr. Karel L. Sterckx, Director of Center of Research in Optoelectronics, Communications & Control Systems (BU_CROCCS), Dr. Waleed Soliman and Dr. Poompat. A decision was made by the two universities to start with the student exchange (both graduate and post graduate) for research projects and later extend it to course works as well.

Dr. Sunandan Baruah, HoD, Dept. of ECE, ADBU



Fr. (Dr.) Stephen Mavelly, Dr. Chanchana Thanachayanont and Dr. Sunandan Baruah at NSTDA



ADBU Team in a discussion with the officials of Bangkok University