

SPARK



Don Bosco University Newsletter

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ADBU holds a two-day National Conference on 'Revisiting and Reassembling Tribal Studies' in collaboration with TISS, Mumbai.



Ph D admissions (third batch) finalized. Course Work starts on 8 April 2013.



DBIM voted the best B-school at "Quasofiesta, 2013"

From the Desk of the Vice-Chancellor

Three months ago, just around Christmas, there was a blog by a young Mom that went viral on the net – ‘Mom’s iPhone code of conduct for her teen son’. ‘The Code’, as it came to be known, was a set of eighteen statements / reflections/ do’s and don’ts / inspirations that Janell Burley Hofmann put together for her thirteen year old son, Greg. It ‘placed the mommy blogger at the centre of the debate over how parents should handle technology in the hands of their teens, especially younger ones just entering the frenetic world of social networks and smartphones.’

Janet and her husband had wanted to honour their son for his ‘growth and maturity’ by presenting him with his first iPhone at Christmas. Anxious about the impact such a gift would have on him, the blogger mother came up with ‘the code’ that caught the attention of moms and dads all over the world fearful of the impact of technology in the hands of teens and pretty much unable to break into the world of the young who are ‘on-line’, ‘visual’ and ‘socially connected’ all the time. It resonated to their fears, gave a voice to their anxieties, raised their hopes, and assuaged the helplessness they faced many a time when things went horribly wrong.

The code became a sensation overnight – the website of this mom of five from Cape Cod, Massachusetts (USA), crashed with the number of visitors who shared her concern, envied her involvement in the life of her children, appreciated her insights into teenage psychology, applauded her readiness to battle the uncharted world of social networks with her children, relished her sense of humour, and admired her downright inspirational attempts at education in things that really matter.

She appeared on TV with her eldest son, Greg, and said in an interview that she decided on the contract as she ‘pondered the power of the technology she and her husband were about to plop into their son’s world.’ She was looking for a way to be present in his phone use without being a “creeper” - his word for stalky, spying parents.

Here are a few excerpts:

The ground realities are chalked out in a few brief statements...

It is my phone. I bought it. I pay for it. I am loaning it to you. Aren’t I the greatest?
 You must pay for a replacement if your phone ‘falls into the toilet, smashes on the ground, or vanishes into thin air.’ (With a sense of humour she goes on to tell her son to be prepared to face these eventualities: ‘Mow a lawn, stash some birthday money. It will happen, you should be prepared.’)



You must share passwords with a parent, answer their calls, hand over the said device early on school nights and a little later on weekends.

You will mess up. I will take away your phone. We will sit down and talk about it. We will start over again. You & I, we are always learning. I am on your team. We are in this together.

The pitfalls are laid open and bare...

You must avoid hurtful texts and porn.

Some of her insights are downright inspirational...

Don’t take a zillion pictures and videos. There is no need to document everything. Live your experiences. They will be stored in your memory for eternity.

Leave your phone home sometimes and feel safe and secure in that decision. It is not alive or an extension of you. Learn to live without it. Be bigger and more powerful than FOMO - fear of missing out.

Keep your eyes up. See the world happening around you. Stare out a window. Listen to the birds. Take a walk. Talk to a stranger. Wonder without googling.

Digital obsession!

Whether parent or children, educator or student, pastor or congregation, we all have to learn to deal with our own digital obsessions. As psychologist David Greenfield, a technology addiction specialist in West Hartford, Connecticut, says, “We have to be brutally honest with ourselves on our own use and abuse.”

Are we forgetting the art of ‘wondering without googling’? Can we be ‘bigger and more powerful than FOMO?’ ‘Memories of and for a lifetime’ – do they have to be digital? Can’t our minds store those magical moments – to ‘dwell with me, to heighten joy, and cheer my mind in sorrow’? (William Wordsworth, Yarrow Visited)

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



A two-day National Conference on “New Approaches of Basic Sciences towards the development of Engineering and Technology-2013” (NABSET 2013), the second in the series, was organized by Don Bosco College of Engineering and Technology on 1-2 March, 2013.

Welcoming the august gathering at the inaugural function, Fr. Stephen Mavelly, the Vice Chancellor, touched upon the imperative need for basic research. He said, “Without our strength in these fundamentals, we shall forever play a second fiddle to the economic power houses of today.” Encouraging the organizing team and the participants, he said that such conferences should bring about a resurgence of interest in basic sciences and act as a building block for the country’s march towards balanced development so that we become a force to reckon with in the global scenario.

Prof. H.L. Duarah, Ex-Vice Chancellor of Gauhati University, the Chief Guest at the event, in his address spoke about the need for continuous reforms in education. “In the reform of mathematics, teaching should be a continuing process, associated with a deepening study of the subject, throughout every teacher’s professional life”, he said, quoting David Willer. Speaking of the teachers’ professional life as an ongoing process, he said that a teacher should find innovative tools and methods of transferring his or her knowledge. He suggested that one should put more emphasis on teaching a subject meticulously and not on setting difficult question papers.

Prof. D. J. Saikia, the Vice of Chancellor of Cotton College

University, Guest of Honour, citing the contributions of great scientists and personalities like Einstein, S. N. Bose, Srinivas Ramanujan, Mahendralal Laskar, Meghnath Saha, Ashutosh Mukherjee, Acharya Prafulla Chandra Roy and Neils Bohr in the field of science and technology, urged the budding scientific community and the energetic young engineers to concentrate on the research sector for the development of the nation as well as of the human race. He made a forceful call for improvement in the country’s education standard, and spoke of the need to transcend the UGC norms, in order to compete with the global standards.

Prof. Manoranjan Kalita, Principal, DBCET, welcomed the gathering; Dr. Monmayuri Baruah, Convener, NABSET, gave an overview of the conference, and Dr. Ashish Paul, Co-Convener, NABSET, proposed a vote of thanks.

The valedictory function, held on the second day, marked the end of the two-day national conference. Prof. J.N Vishwakarma, Director of Research Programmes, ADBU, summarized the conference and Dr. Samrat Dey from the organizing team thanked everyone who contributed towards the success of the conference.

The conference provided an ideal platform for researchers, academicians, engineers as well as industry professionals from all over the country to share views, present their findings and have intellectual deliberations on the emerging trends in basic sciences.

Mr. Pijush Das, Asst. Prof., DBCET



New Faces...



Fr. (Dr.) Francis Fernandez SDB, joined the University on 28 January, 2013 as the Director of the Centre for On-Line and Distance Education (CODE) of the University. He has obtained a Master's Degree and Doctorate from the Salesian Pontifical University, Rome. He was an associate professor of Systematic Theology at Sacred Heart College, Shillong for a decade (1992-2002), during which he was in the editorial board of the Indian Missiological Review, an international quarterly, and served as the review editor. He has to his credit two volumes, and a number of articles in journals. He was the Chief Librarian of the college from 1992 to 1999 and served as the Vice-President of the college from 1996 to 2002. From 2004 to 2011, he was the Associate Director of Don Bosco Institute, Guwahati, and was entrusted with the responsibility of the

training and formation of youth, hailing from all the states of northeast India. Besides the rich experience he has exhibited during these years of teaching, administration and training, he brings to the Assam Don Bosco University, qualities of heart and mind which has endeared him to his colleagues and trainees. Besides being Director of CODE, he has also been entrusted with the role of organizing the campus ministry activities of the university.

Fr. (Dr) Paul Puduserry CSC, joined the University on 4 February 2013 to take charge of the new study programme of the University on Educational Leadership. He earned his doctorate in Educational Administration from Boston College and holds a graduate degree in Master of Arts in Human Service from St. Edward's University, Texas, USA. He then served as a consultant, facilitator, and administrator at Stonehill College, USA, for four years. He has served in the field of Educational Administration and Pastoral Ministry for over 20 years, and was involved in establishing and promoting schools for low income students in northeast India. He was a visiting professor of Mass Communication and Journalism, Department of Tripura University, while serving as Director of the Holy Cross Higher Education Project. He is a resource person for Oxford University Press, conducting educational workshops for principals and teachers across India. He is also involved in the training of the police and civil officials of Tripura State.



Ms. Juhi Baruah joined the University on 3 September 2012 as the Director of Human Resources. She comes in with a wide range of knowledge and experience in renowned multinational companies as Senior Manager, Leadership Acquisition

at Capgemini, India, and Regional HR Manager (Middle East and Africa) at Red Bull. Her 19 years of experience in the corporate world has given a boost to training and placement activities of the University.

Dr. Sunandan Baruah joined DBCET on 1 August 2012 and heads its Department of Electronics and Communications. He completed his Master's Degree in Micro Electronics and PhD in Nano Technology at the Asian Institute of Technology, Thailand. His

forte is research and teaching. Inter-disciplinary research, especially in the field of nanotechnology, is where he excels. His research publications include nineteen papers in peer-reviewed international journals, eighteen conference papers, and four book chapters.



Ms. Barman Rhitwika (B.Tech) joined DBCET on 16 August 2012 as faculty in the Department of Civil Engineering.



Mr. Sarat Chettri (M.Sc., M. Phil. and pursuing PhD) joined DBCET on 8 October 2012 as faculty in the Department of Computer Science.



Mr. Papul Changmai (B. Tech) joined DBCET on 15 September 2012 in the Department of Electronics and Electrical Engineering.



Ms. Neelam Bara (M.Sc. Psychological Counselling) joined the University on 11 October 2012 as a faculty in the Department of Psychological Counselling.



Ms. Sabiha Choudhury (Masters in Psychology and pursuing PhD) joined the University on 8 October 2012 as a faculty in the Department of Psychological Counselling.



Ms. Yasmine Shilla (M.A. in Psychology) joined the University on 8 October 2012 as a faculty in the Department of Psychological Counselling.



Mr. Rubul Bania (M.Tech and pursuing PhD) joined DBCET on 17 January 2013 as faculty in the Department of Computer Science and Engineering.



Mr. Nityajit Borah (M.Tech) joined DBCET on 21 January 2013 as faculty in the Department of Computer Science.



Mr. Anup Sharma (B.E. Civil, pursuing M.Tech) joined DBCET on 16 January 2013 as faculty in the Department of Civil Engineering



Mr. Mukul Kalita (B.E. Civil, pursuing M.Tech) joined DBCET on 16 January 2013 as faculty in the Department of Civil Engineering.



Mr. Borneeta Dutta (M.Sc.) joined DBCET on 16 January 2013 as faculty in the Department of Civil Engineering.

A time of Thanksgiving



On 10 February, the DBU family, along with a good number of friends and well-wishers, gathered at the Azara campus of the University to thank God for getting the long awaited mutation papers that cleared the way or execution of the original plans for the university complex at Tapesia Gardens.

Welcoming the members gathered on the occasion, Fr. Stephen Mavelly, Vice Chancellor, set the tone to the programme, narrating briefly the past events that propelled ahead the university project. Overwhelmed with gratitude for the un-

failing providence of God, he said, "We have made it a point to punctuate every major step in this project with an open acknowledgement of the constant provident hand of God as we journey on..."

Speaking about the period of long waiting and the hurdles, Fr. Mavelly said, "Finally, we have the clearance to start our constructions at the permanent campus at the tea garden. We managed to get the documents after a long, long wait... There may still be hiccups of one sort or another – but we hope to jumpstart the constructions now..."

Fr. Lukose Cheruvale's musings on the occasion re-echoed the grateful feelings that flooded the hall. Special prayers and hymns by Fr. Francis Fernandez guided the group in a chorus of thanksgiving.

Choice-based, inter-disciplinary Courses in Social Sciences

Updated pedagogy, innovative approach and adaptive skills, as well as effective and visionary management are called for not only in schools and colleges but also in the caring and community development professions. In the context of the rapid changes taking place in all walks of life, a lot more is expected of these services at the core of the University's mission.

Recognizing the need of the hour, and the possibility of being a catalyst in the process, the University has launched three programmes under its Institute of Social Sciences: *Masters in Social Work (2011)*, *Masters in Psychological Counselling (2012)*, and *Masters in Educational Leadership (starting in 2013)*. These courses have been thoughtfully designed and are taught by faculty from the country and from across the globe.

Masters in Social Work (4 semesters – 2 years on campus), an innovative blend of theory, fieldwork and research, is designed to provide the students with a variety of skills to enable them to be active social workers in the field themselves, to set up and manage social work organizations of their own, or to find employment with various national and international agencies. Great emphasis is placed on exposing the students to the philosophy and methodology of social work, its sociological and psychological underpinnings, and practical experience in scientific research in this field.



Masters in Psychological Counselling (4 semesters – 2 years on campus) is a pioneering programme that aims at training counsellors who are theoretically sound, culturally sensitive and technically skilled. With an optimum blend of theory, practice and research, the course will prepare qualified counsellors to be effective in the areas of education and social work, marriage and family, and trauma and addiction... a crying need today.

Masters in Educational Leadership is a postgraduate program for educational leaders, with three options.

1. Masters in Educational Leadership (4 semesters – 2 years on campus) for individuals aspiring to be principals, administrators or managers in our institutions.
2. Masters in Educational Leadership – Executive (2 semesters on campus and 2 semesters of internship combined with a few contact sessions) for those who are already in leadership positions.
3. PG Diploma in Educational Leadership (2 semesters – 1 year on campus) for anyone wanting to enhance his / her capacity as an educator.



Nepal CTEVT Visits ADBU

A team from the Nepal Council for Technical Education and Vocational Training (CTEVT), the accrediting body for the Engineering and Technical Courses in Nepal - Dr. Gopal Khanal, Vice Chairperson, Dr. Ram Hari Lamichhane, Director, Technical Division, Mr. Bishnu Koirala, Director, Accreditation Division and Mr. Ramesh Paudel, Director, Administration from the along with Fr. Jijo John SDB, Rector, Don Bosco, Kathmandu, visited Assam Don Bosco University on 5 December 2012.

The University team had a brief meeting with them, during which Fr. Stephen Mavelly, the Vice Chancellor, gave them a brief idea of the University and its activities. He emphasized its credibility and the support it receives from the government of India in its endeavors, especially for granting approval for the courses and extending financial assistance for its programmes in skill building of young people.

State Bank of India supports ADBU's initiative to reach out to the Northeast

On 6 December, 2012 the State Bank of India, Local Head Office, North East Circle, presented the University with a cheque of Five Lakhs to sponsor DBU Global North-east Outreach Programme, an initiative of the University to provide free online degree programmes to students from Northeast India.



Pedagogy for 21st Century Higher Education Faculty Enrichment Programme



Information and Communications Technology (ICT) is invading classrooms around the globe at an exceedingly fast pace. Living in a world of fast-changing technology, educators face growing challenges as they teach the wireless generation of students of the 21st century. Teachers have to, therefore, effectively meet the requirements of these students while preparing them to be a part of this century's knowledge workforce.

Keeping in mind the need of the hour, a two-day Faculty Enrichment Programme was conducted on 11-12 January, 2013. The entire programme revolved around the theme of "Re-conceptualization of Education and Reconstruction of Pedagogy for 21st Century Higher Education". Dr. (Fr) Paul Pudussery CSC, an educationist himself, having vast expertise in educating and training educators, was the resource person.

Fr. Pudussery emphasized the need to keep evolving the course curricula and experimenting new teaching methodologies as the time demands them to move ahead with an understanding of the new mindset of students in this millennium. He brought home the new dimensions of teaching by focusing on the re-conceptualization of education and reconstruction of teaching pedagogy with enhanced use of ICT. He also stressed student-centred affective teaching in order to move from the notion of being transmitters of knowledge to promoters of learning, so as to successfully deal with the paradigm shift in the teaching and learning process. The programme ended with group discussions and the presentation of various strategies that emerged from the groups during the discussion.

Rashmita Barua, Asst. Prof., Dept. of HSS



Aakash Android Application Programming

38 students of DBCET attended the online Aakash Android Application Programming workshop organized by IIT Bombay on 23-24 February and 2-3 March, 2013. The workshop aimed at equipping students of Computer Science & Engineering and Information Technology with the latest tools for creating apps for Android, with special emphasis on the Aakash Tablet.



Towards a more 'effective life' Student Development Programme

The Campus Ministry Department organized a seminar for the M.Tech and MCA students of DBCET on 9 March. The programme began with an introductory speech by Fr. Stephen Mavelly, the Vice Chancellor to introduce the Resource Person, Fr. Joe Arimpoor, Director of DBARK, Delhi, and his team members, Mr. Mukesh and Miss Sophie.

The day's programme on the theme, "Towards a more 'effective life'", dealt with some of the important topics such as personality development, inter-personal relationships, team work, seizing opportunities, and skill development. The sessions were made interesting by the sharing of life experiences, audio visuals loaded with meaning, group activities and games. The programme catered to some of the felt needs of the students, giving them a chance to study and understand their strengths and weaknesses. Mr. Mukesh and Miss Sophie kept the enthusiasm of the group alive

with their timely interventions packed with fun, jokes and singing.

Oinam Binarani Devi, M.Tech, DBCET



IIT-NPTEL Awareness Workshop



An "IIT-NPTEL Awareness Workshop" by M/s Classle Knowledge under National Mission in Education through ICT (NMEICT), Govt. of India, was held at Don Bosco College of Engineering and Technology on 30 January 2013. Assam Don Bosco University was selected as the 'Nodal center' for hosting the NPTEL workshop. National Programme for Technology Enhanced Learning (NPTEL) is a Ministry of Human Resources funded project that is being executed by the seven original IITs and IISc. The workshop included a session for the students in the morning and a session for the Faculty in the afternoon.

About 250 students from the host college and 90 teaching faculty from various Colleges in and around Guwahati participated. The sessions in the workshop included a presentation of the expert learning materials available on NPTEL website which help to facilitate and enhance teaching and learning experience in technical institutes.

Training and Placement Activities - an update



The Training and Placement Office (TPO) at DBCET conducted a number of training activities for the students in all sections of the college. The sessions included Online Aptitude Tests, Group Discussions and Mock Interviews. The In-House implementation of the On-line Aptitude software namely, MOODLE, has given a big boost to the entire training pro-

cess as it brings forth high efficiency and effectiveness in the process.

The TPO has a few placement drives lined up with high expectations in spite of the downward trend in the employment market. The management of ADBU, along with the TPO, is in a process of collaboration with some major MNCs to set up Centres of Excellence in the college. These collaborations will lead to high quality and industry specific training in the college itself which will play a pivotal role in enhancing the overall placement scenario of the college and university as a whole.

Mr. Shahnawaz Hussain, TPO

D'Verve 2013 - College Festival

One of the most awaited events of the year, D'Verve 2013, the week-long college festival, started off with a solemn opening ceremony on 12 February, at the college premises. Fr. Stephen Mavelly, the Vice Chancellor, hoisted the flag and wished the students an enriching time. Prof. Manoranjan Kalita, the Principal, spoke about the importance of the event and formally declared the festival open.

The students' enthusiastic participation in all the events that were meticulously planned and arranged by the extracurricular clubs was overwhelming. Compared to earlier years, there was a striking increase in the number of events and participation. A notable display of talents, group dynamics, abilities and skills could be seen in both cultural and sports events. Be it tug of war or badminton, drama or short story

writing, music or dance, street painting or fashion show, there was much joy and fun which flooded the campus with a festive mood.

The closing ceremony on 16 February was marked with the most interesting event of the festival - the fashion show. The performance of the students from DBISS and DBCET enthralled the audience. Prize distribution, a few musical items, dance, duet and comedy were part of the programme. Finally, D'Verve 2013 was declared closed with the lowering of the flag by Fr. Stephen Mavelly, the Vice Chancellor, and the floor was opened for the amusing, enjoyable time of music and dance - DJ night.

Swapna Bhuyan, B.Tech, DBCET



Novel water purifier... first patent from ADBU

Dr. Sunandan Baruah, HoD of ECE at DBCET, the resource person of the Lecture Series on 15 February 2013 at ADBU, enthralled the participants with his innovative idea of novel water purifier based on nanotechnology. Stating the implications of present day system of water purification, he affirmed, "Waterborne epidemics have almost been eradicated in developed countries due to the extensive use of chemical disinfection methods like chlorination and ozonation. However, water borne diseases are still alarmingly high in developing countries and, as such, water purification is an area of utmost importance. The currently employed chemical disinfection methods can effectively control microbial pathogens but they result in the formation of harmful disinfection byproducts (DBPs). The notion of decentralized or dispersed water treatment systems have been seriously considered owing to concerns of water quality deterioration associated with the old distribution networks. The ever-increasing transportation cost is another reason for the urgent need of point of use water purification systems."



He clarified the point saying that zinc oxide (ZnO) nanorods based water purification unit was designed to operate with solar energy as the source of activation. The purifier was tested on two model bacteria - Escherichia coli (responsible for diarrhea) and Staphylococcus aureus (causes skin diseases) with concentration as high as 1010 colony forming units (CFU) per liter, which is about 105 times higher than bacterial concentration in tap water. Up to 99% (0.99x1010 CFU/L) removal of viable bacterial cells was achieved under sunlight activation.

ZnO, which create highly reactive radicals in the presence of water and light. These radicals can break up toxic chemical contaminants into benign forms as well as remove disease-causing bacteria. He also said that this product was acclaimed as a product with an environmental concern in the Mai Bangkok International Business Challenge 2011 held at Bangkok. He further explained its usefulness saying, "This product has an Indian patent. This water purifier will be able to provide pure drinking water especially in disaster affected areas where human mortality is mainly due to the microbial contamination of water and the best part is that, it does not require electricity, but only sunlight."

Dr. Sunandan Baruah then informed the group that the water purifier, which was designed by him, uses nanowires of

In Loving Memory



R.S.M Themthing
Student of MCA, DBCET
Born: 23 March, 1991
Died: 14 February 2013

*It's hard to understand
Why God takes those we love,
Does He need them more than we do,
In Heaven up above?*

*No one on earth can pretend
To know what's in God's plan.
All we can do is take it on faith
And trust we'll see our loved ones again.*



Kishor Kumar Sarma
Student of B.Tech, DBCET
Born: 6 August, 1991
Died: 27 February 2013

Workshop on Development Communication



A workshop on Development Communication, organized by Don Bosco Institute of Social Sciences (DBISS), was held on 21-23 February, 2013 at the University's Azara campus. 91 students and faculty members participated in the workshop, where various theoretical aspects of development and communication were covered, and at the same time skills training on media tools, namely, grassroots comics and street play were imparted to the students.

The main objectives of the workshop were to enable the learners to comprehend the role of communication and mass media in development and social change, to facilitate learning from organizations, practitioners and activists who effectively use different media techniques for disseminating development results, for awareness raising and public debate, and to equip the learners with skills of communication for development and social change.

Dr. Kh. Kabi, Dept. of Mass Communication & Journalism, Tezpur University, and Miss Ankita Gogoi provided the base by theoretically linking development and communication traversing through different paradigms. Through simulations, they stressed the importance of participatory as well as sustainable media in creating a chain of social change in society.

On the second day, Mr. Amrith Basumatary, cartoonist of the 'Seven Sisters' Post, and Trainer, World Comics-India,

enthusied and trained the participants to develop and present the issues they felt strongly about by using cartoon characters. He lavishly tipped the participants with the art of developing cartoon characters in a simple and easy-to-comprehend fashion, such that, each student as well as faculty managed to prepare a grassroots comic poster at the end of the day.

The final day saw Mr. Kashinath Hazarika briefly speak to the students about the necessity of learning and using development communication tools for effective social change. Noted actor and activist Mr. Kuladhar Bhattacharya trained the students on the art of street plays. The participants were divided into street theatre groups and each group came up with a street play around social issues, such as alcoholism, drug addiction, sexual harassment, witch-hunting, substance abuse, human trafficking and domestic violence that plague the society.

The workshop brought about not only intellectual stimulation but also saw to it that the students gained newer and more appropriate skills related to mass communication. The students felt that they are now better equipped, as aspiring social work professionals, to utilize these effective means of communication while dialoguing with the existing social realities.

Nadeen Pakyntai, Dept. of Social Work



ADBUs Social Work Department on the international women's day, 8 March 2013, takes initiative to create awareness about the rightful place for women in society. They organized the morning assembly at DBCET and staged a street play that highlighted the predicaments faced by women today.



DBIM Voted 'the Best' at *Quasofiesta 2013*

Don Bosco Institute of Management (DBIM) was voted the best B-school at "Quasofiesta, 2013", a three-day management event held on Feb 8-10, 2013, organized by the Gauhati Commerce College Centre of Management Studies.

Going past eight other B-schools of the city, DBIM earned the top slot in the event that concluded the programme at Gauhati Commerce College on Sunday. This is the fourth time that DBIM, a constituent unit of Assam Don Bosco University, is winning the top honour in the management fest.

The DBIM students won the first prize for events such as, Ad-Making...Mad Ads, Case-Study...Fundas of Management and Share Market, and second prize for other two competitions called, B-Plan... Thinkers and House of Parliament... Mahayudh. Prior to Quasofiesta 2013, the Institute had received three other best B-Schools awards, AIM QUEST 2010 and 2011 and Quasofiesta 2010. At AIM QUEST 2012, the Institute stood second.

Best B-School goes out to be with the disadvantaged

While adhering to the professional standards, DBIM, the best B-School in Guwahati city, is seen to have become philanthropically conspicuous by actively engaging in community service and other activities.

'Prajjwal' is one of the social forums of DBIM students, held on every Sunday, in which they coach the school students of Joypur, the neighbouring village. 9 March, 2013 marked the completion of three successful years of the functioning of 'Prajjwal', and the occasion was earmarked for a celebration under the banner, 'Prajjwal Divas 2013'.

The day was made special with the presence of the students from Jyoti Niketan, Guwahati, a school for the students with eyesight disabilities, Fr. V.M. Thomas, Salesian Provincial, Guwahati Province, Dr. Martin Kasper, CEO, Child Aid Network, Germany and his team, Mr. Santosh Jaiswal, MD, Jaiswal Group of Industries, Guwahati, Ms. Anurekha, Principal, Sanskriti Gurukul, Guwahati and other dignitaries.

Fr. Johnson Parackal, Rector, Don Bosco Institute of Management, welcomed everyone and briefly introduced the importance of the event. There followed the cultural programme, the tone of which was set by a group dance by the

Prajjwal students to the tunes of Bhupen Hazarika's immortal Ganga Behte Ho Kyon. And, sharing their experiences, both Nikita and Ankur (Prajjwal students), expressed their indebtedness towards DBIM for its valuable service.

Fr. V.M. Thomas, Provincial, Guwahati Province, in his message admired the development of the Prajjwal forum of DBIM, where more than 100 students of Joypur derive benefit.

The Chief-Guest of the evening, Dr. Martin Kasper, in his interactive speech, demonstrated the different attributes of personality in the form of different coloured long balloons.

Mr. Bikash Gogoi, Asst. Professor, DBIM



Research Corner

Ph D Admissions 2013 in progress

As many as 156 candidates applied for PhD admissions in various areas. After interviews spread over a period of six days, 53 candidates were selected for admission.

ADBU Research Lectures Launched

Research is the most important element of higher education which cannot be done in isolation. It must involve collaboration and sharing of knowledge and these can be achieved mainly in two ways, viz., publications and lectures. Hence, it was decided to have a weekly lecture on current research work of our faculty, research scholars, postgraduate students and invited guest speakers.

This lecture series has been dedicated to Rev. Fr. (Dr.) Stephen Mavelly, Vice chancellor, ADBU whose vision, mission and hard work have made this University a reality. Fr. Stephen Mavelly, while inaugurating the lecture series on 1 February, 2013 at 12 noon, laid emphasis on the importance of basic research in various disciplines and hoped that this effort of the University will go a long way in popularizing and promoting research.

These lectures are delivered every Friday at 12 noon. The speaker speaks for 30-35 minutes followed by an interactive session of 15 minutes. As many as six lectures in current series have been delivered so far to very responsive audiences.

Day/Date	Speaker	Topic
Friday Feb 1, 2013	Y. Jayanta Singh	Transaction Management in Real-Time Distributed Database System
Friday Feb 8, 2013	Sunandan Baruah	Novel Water Purifier using Photocatalytic ZnO Nanowires
Friday Feb 22, 2013	Shakuntala Laskar	Transformer Oil Monitoring using Optical Sensor
Friday Mar 8, 2013	Kaustubh Bhattacharyya	RADAR Target Recognition using Artificial Neural Network
Friday Mar 15, 2013	Mridusmita Duara	Tea Industry in Assam: Issues of Migration and Gender Discrimination
Friday Mar 22, 2013	Rig Das	Image Steganography based on Block-DCT and Huffman Encoding



Ph D Synopsis Presentation-Registration

Scholar	Department	Thesis Title
Ms Tosozhono Rolnu	North East India Studies	Angami Naga Social Folklore: A Critical Study of Oral Tradition & its influence on Angami Naga Ethos
Ms Loreni Yathan	Social Work	Economic Participation of Women through Entrepreneurship in Nagaland
Mr HR Sharma	North East India Studies	Impact of Tourist Activities on Socio-Cultural Life in North-East India: A Study of Manipur
Mr N Gunashekhar	Computer Science	A Framework for adaptive Sequencing of Learning Objects
Ms Anindita Kakoty	Business Administration	An Analysis of the Workplace Stressors and its relationship with the Employee's Job Performance: A comparative Study of the Public and Private Sector Bank Officials
Fr. KS Joseph	Social Work	Understanding Deviant Behaviour among College Students in West Siang District of Arunachal Pradesh



Research Paper Publications of the faculty members/students

- Subra Mukherjee, Karen Das, publishes two research papers entitled, "Omega Model for Human Detection and Counting for application in Smart Surveillance System", in the 'International Journal of Advanced Computer Science and Applications', Vol.4, No.2, 2013, pages: 167-172 ISSN 2156-5570 (Online), ISSN 2158-107X (Print) ©2013 The Science and Information (SAI) Organization and "An Adaptive GMM approach to background Subtraction for application in real time Surveillance", in the 'International Journal of Research in Engineering and Technology', Vol.2, issue:1,Jan, 2013,pages:25-29, ISSN:2319-1163.
- Sabyasachi Bhattacharyya, Ragib Nasir Ahmed, Roushan Saikia, Ripunjoy Sarma, Kaustubh Bhattacharyya published a paper on "Design and analysis of different digital communication systems and determination of the optimum system", IJRET, JAN 2013
- Sabyasachi Bhattacharyya, Ragib Nasir Ahmed, Roushan Saikia, Ripunjoy Sarma, Kaustubh Bhattacharyya published a paper on "Efficient design of dpll system for wireless communication".
- Pronami Bora and Hemashree Bordoloi, publishes papers titled "A Simulation Based Approach for Detection of Cataract Using Protein Synthesis" in DIGITECH: An International Journal of Computer Science and Applications', VOL. 3, NO. 7, FEBRUARY 2013, ISSN: 2229-4597, "A Simulation Based Approach for Detection of Retinitis Pigmentosa Using Protein Synthesis" in International Journal of Computer Application (IJCA), ISSN: 0975-8887, March 2013 and "Survey on Onset Detection of Cataract" as a chapter on Indian Journal of Science and Technology, Volume-6, Issue-S3, March-2013, ISSN: 0974-6846.
- Bikash Agarwal and Hemashree Bordoloi, published two papers entitled "Optically Enhanced Non Invasive Analysis of Human Pulse to determine bradycardiac and tachycardiac condition of heart using LabView" in DIGITECH: An International Journal of Computer Science and Applications VOL. 3, NO. 7, FEBRUARY 2013, ISSN: 2229-4597 and "An Optical Approach to acquire pulse signal with minimum noise" as a chapter on Indian Journal of Science and Technology, Volume-6, Issue-S3, March-2013, ISSN: 0974-6846.
- Bishweshar Pratap Tasa, Tulika Chenglari, Pompy Das, Avinash Sinha and Hemashree Bordoloi, published a paper on "A Simulation based approach to remove different types of noises from ECG signal" as a chapter on Indian Journal of Science and Technology, Volume-6, Issue-S3, March-2013, ISSN: 0974-6846.
- Samar Jyoti Saikia and Kandarpa Kumar Sarma, published a paper "Artificial Neural Network Based MIMO System in Wireless Communication using STBC" in DIGITECH: An International Journal of Computer Science and Applications VOL. 3, NO. 7, pp-67-74, FEB 2013, ISSN: 2229-4597.
- Parimita Saikia, Karen Das, published a paper on "Head Gesture Recognition using Optical Flow based Classification with Reinforcement of GMM based Background Subtraction", in the International Journal of Computer Applications 65(25):5-11, March 2013. DOI: 10.5120/11270-6303, © 2013 by IJCA Journal, Published by Foundation of Computer Science, New York, USA
- Jeemoni Kalita, Karen Das, published a paper "Recognition of Facial Expression Using Eigenvector Based Distributed Features and Euclidean Distance Based Decision Making Technique", in the International Journal of Advanced Computer Science and Applications,Vol.4, No.2, 2013, Pages:196-202, ISSN 2156-5570 (Online), ISSN 2158-107X (Print) ©2013 The Science and Information (SAI) Organization.
- Joyeeta Singha, Karen Das, published a research paper titled, "Indian Sign Language Recognition Using Eigen Value Weighted Euclidean Distance Based Classification Technique", in the International Journal of Advanced Computer Science and Applications,Vol.4, No.2, 2013, Pages:188-195, ISSN 2156-5570 (Online), ISSN 2158-107X (Print) ©2013 The Science and Information (SAI) Organization.
- Bikramjit Goswami, Kandarpa Kumar Sarma published a research paper, "SOM Based Classification of Signals for Co-Channel Interference Removal", in the Indian Journal of Science and Technology, Vol: 6, Issue: S3, pp. 163-167.
- S. Bordoloi, Dr. S.Laskar, Dr. D.Hazarika published a research paper titled, "Transformer oil monitoring instrumentation system using optical fiber sensor", in the Indian journal of science and Technology, Vol 6 Issue: S3, pp 168-173.
- Ashish Paul publishes papers titled, "On static equilibrium and balance puzzler" in the Indian Journal of Science and Technology, 6(S3), (2013) 88-91, "A computer simulation of liquid helium-4 for calculating pair correlation function using Lennard Jones Potential" in the Indian Journal of Science and Technology, 6(S3), (2013) 92-95, "On the relationship between three electric vectors and three magnetic vectors" in the Indian Journal of Science and Technology, 6(S3), (2013) 96-97, and "Flow past an impulsively started horizontal cylinder in a rotating fluid" in the International Journal of Fluid Mechanics Research (In press).

- M. Lahon, Y. Jayanta Singh, published “Task Oriented Risk Assessment (TORA)”, in the International Journal of Computer Applications (IJCA), ISSN 0975-8887, March 2013.
- Vijay Prasad, Y. Jayanta Singh, published a paper titled “A study on structural method of feature extraction for Handwritten Character Recognition” (NABSET 2013), Assam. Also appears in Indian Journal of Science and Technology, ISSN: 0974-6846, Vol6, IssueS3, March 2013.
- Esha Barlaskar, Oinam Binarani Devi, Smriti Priya Medhi, Y. Jayanta Singh published a research paper “Benefits of augmented reality-intelligent projections in architectural designing” in Indian Journal of Science and Technology, ISSN:0974-6846, Vol6, IssueS3, March 2013 and also poster presentation for the same in the National Conference on New Approach of Basic Sciences Towards Development of Engineering and Technology (NABSET2013) at Don Bosco College of Engineering & Technology on 1-2 March 2013.
- P.P Borah, G. Talukdar, Y. Jayanta Singh, published a paper on “Comparison of String matching algorithms-Boyer-Moore algorithm and Brute-Force algorithm” (NABSET 2013), Assam and also appears in Indian Journal of Science and Technology, ISSN:0974-6846, Vol6, IssueS3, March 2013
- Dhruvajyoti Gogoi, Rupam Kumar Sharma, published “Android Based Emergency Alert Button” in the International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-2, Issue-4, March 2013
- Jahnabi Borah, Dhruwajita Devi, Y. Jayanta Singh, published a paper on “Analysis and evaluation of probabilistic routing protocol for Intermittently connected network”, in the IOSR Journal of Computer Engineering, p-ISSN: 2278-8727, Vol9, Issue1,PP 01-07, (Jan-Feb2013).
- Bobby Sharma Kakoty published a paper on “Simulation and Analysis of Blackhole Attack in MANETs for Performance Evaluation”, in the International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 2 Issue 1,P-186 ISSN: 2278-621X, January 2013.
- Pranab Das, Utpal Bhattacharjee published a paper on “The Effect of Different Noise Types on the Speaker Verification System Using Spectral Subtraction and Zero Normalization” in the COMPUTECH: An International Journal of Computer Sciences (ISSN: 2229-4589). (Globe Publications: Delhi) Vol. 3, No. 6 January 2013.
- Utpal Bhattacharjee, Pranab Das, published a paper on “Performance Evaluation of Wiener Filter and Kalman Filter Combined with Spectral Subtraction in Speaker Verification System”, in the International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-2, Issue-2, Jan 2013.
- A. Satyapati Devi, P. Helissey, R.L. Nongkhlaw and J. N. Vishwakarma published a research paper on , “KHSO4 – Assisted Michael Addition-Elimination Reactions of Indole with 3-dimethylamino-1-phenylprop-2-en-1-ones in Water: An Environmentally Friendly Synthesis of Novel 3-indolylchalcones “, in ‘Synthetic communications’, 43: 1653-1660, 2013
- Kishore Deka published a research paper “EMBEDDED WRIST WATCH” International Journal of Research in Engineering and Technology, Volume: 2 Issue: 3, ISSN: 2319 – 1163, March 2013.
- Bismita Choudhary published a paper “Gesture re-organization for Hospital Functioning” in the Indian Journal of Science and Technology, ISSN: 0974-6846, Vol6, IssueS3, March 2013 and also Poster presentation for the same in NABSET 2013, Assam.
- Debashree Devi published a paper on “Realization of web hotspot rescue in a distributed system” in the IOSR Journal of Computer Engineering (IOSRJCE),ISSN: 2278-0661, Volume 8, Issue 2, PP 32-36, PP 01-08, Feb 2013.

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Revisiting and Reassembling Tribal Studies

A National Conference with a special focus on the Northeast

Taking to heart the importance of the occasion of celebrating 75 years of Social Work Education in India, Don Bosco Institute of Social Sciences, ADBU and Centre for Social Justice and Governance, TISS, Mumbai, organized a National Conference on 'Revisiting and Reassembling Tribal Studies with a special focus on the Northeast', on the 25-26 March, 2013 at the ADBU Conference Hall.

Inaugurating the event, Fr. Stephen Mavelly, Vice Chancellor, ADBU stated, "I was a little amused and at the same time delighted when our School of Social Sciences came up with a theme for this conference that could look alternately attractive and arrogant, inviting and forbidding, presumptuous, and may be also, intriguing." Dwelling on the two key words, 'Revisiting' and 'Reassembling' that defined the conference, he said that 'Revisiting' often stems from a dissatisfaction with the status quo. Drawing the attention of the gathering to some of the papers lined up for presentation, he wished the conference to come up invigorated by the quality of the debate and the insights – new lines of thought and pointers to a new vision when the 'revisit' is done. He also said, "It will be interesting to see whether this conference could transcend the normal pattern in such conferences where we feel free to exhibit a high level of intolerance of existing scholarship, where we feel free to tear down rather than contribute anything positive – new insights, new vistas, new perspectives on themes that have been explored down the ages."



Speaking about the second major theme of the conference, 'Reassembling' which is thought to be in the line of the current emphasis and focus on rediscovering and owning individual tribal identities as distinct from and perhaps different from other tribal identities or identities of other ethnic groups of whatever origin, he said, "This discovery can be a wonderful and exhilarating experience when it leads one to understand, acknowledge and own one's identity in depth. It can be disruptive and painful when this process ends in alienation and leads to a sense of disjointedness with the rest of humanity. I would wish that this seminar will proceed along the former, and not the latter, lines."

Dr. Bodhi Sainkupar Ranee from the Centre for Social Justice and Governance, TISS, Mumbai, Archbishop Emeritus, Thomas Menamparampil, Guwahati and Dr. Riju Sharma, Director of DBISS, were among the speakers at the two-day conference at which as many as 36 papers were presented and debated upon.

