

SPARK

Don Bosco University Newsletter



Volume 5| Issue 4| 2013

Awards and celebrations! ...at the Second Convocation

IN THIS ISSUE

Message from the Vice Chancellor	2
Cover Story - Second Convocation	3
University Grants Commission visits the University	5
Research collaborations with Kolkata Institutes	6
Events and activities at DBCET and DBISS	7
Research at ADBU - an update	13
Techno Management Fair - Prajyuktam 2013	16

Prajyuktam, the third edition of the annual techno-management fest at DBCET



Awards for academics and social responsibility at DBIM



Swastyayan...
a commitment
– the Annual Day

From the Desk of the Vice-Chancellor

There is something about 'the other day' that just won't go away... Tantalizing visions? ...a flash in the pan? ...idle day dreams? ...or memories for a life time? I can't say which.

But one thing I know: the images of that day stand seared into our collective consciousness... flashes of a time and space where we breathed as one, caught glimpses of what could be, and dared to yearn, to catch, and bottle those fire-flies in the garden!

I am referring to the 'Appreciation Day 2013' that we, the faculty and staff and their families, were immersed in on 30th November at Tapesia Gardens...

A clear vision, a single-minded determination, and many hands in pursuit of one dream, the 'Tapesia Dream' - a 'university with a difference'...

Tapesia Gardens... the indescribable charm of a tea garden with its manicured bushes and leafy nooks... a hundred shades of green as far as the eye could see... dappled beams that danced through the thickets and wove a million different patterns on the ground... the little brooks that babbled over the rocks... the shady jungle trails and cozy arbours... flocks of white herons winging silently by... a mischievous band of golden langurs that discovered the treasure trail long before we did... the irrepressible enthusiasm of the kids who scampered over every hill and dale with reckless abandon... a whale of a cake for a belated birthday... the guitars, the tablas, the drums, and the sound of music, dance and song across the hills...

Unforgettable, this magic of Tapesia Gardens... the home of Don Bosco University!

Come the Spring of 2015... and we shall be there again! This time to stay...

After an interminable wait of five long years that tested our wills and our resolve, but failed to dent our determination, we have just embarked on an ambitious programme to put in place our dream campus at Tapesia, brick by brick, stone by stone, with a passionate commitment to fashion the campus of our dreams – nothing less than the best in the world.

The first cluster of buildings is centred around four academic departments – Social Work, Education, Psychology and Mass Communication. It consists of one academic building to house these departments together with a residential area to cater to 48 members of the staff and faculty, and 600 graduate and post graduate students.

The work has just begun... We shall keep you posted...

While the campus work gathers steam, we have been steadily enlarging the network of universities and research institutes that our University has entered into partnerships with for student and staff exchange, semester abroad op-



portunities, joint research projects, and eventually also for joint degree programmes.

The latest among these are: Neumann University (Philadelphia, USA), Indian Association for Cultivation of Science (Kolkata, India), Satyendranath Bose National Centre for Basic Sciences (Kolkata, India) and Rioja International University (Madrid, Spain).

We have also just had the visit of the Expert Team from the University Grants Commission on 29-30 November 2013, with a mandate to assess 'the fulfilment of criteria in terms of programmes, faculty, infrastructural facilities, financial viability etc.'

Led by Prof Dhrubajyoti Chattopadhyay from Calcutta University, they were a group of eminent academicians and well-meaning individuals from outstanding universities across the country, who admired the breath of our vision, our honesty of purpose, and the transparency in our processes and procedures, and were unanimous in their recommendation to the University Grants Commission to certify the 'significant contribution of the University in teaching, research and outreach activities... and for having acquired adequate infrastructural facility and planned very carefully for its future development...'

We should be hearing from the University Grants Commission very soon.

Yet another momentous year is drawing to a close. Together, we have braved the challenges, rejoiced at our successes, forged new partnerships and learnt from our mistakes. Our commitment and our determination to actualize the bold vision of our University remain fresh and vibrant as ever.

As we brace ourselves for fresh initiatives and the greater challenges ahead, let me wish you a joyful Christmas and a bracing New Year replete with the choicest blessings of God.

Fr Stephen Mavelly SDB
Rector & Vice Chancellor



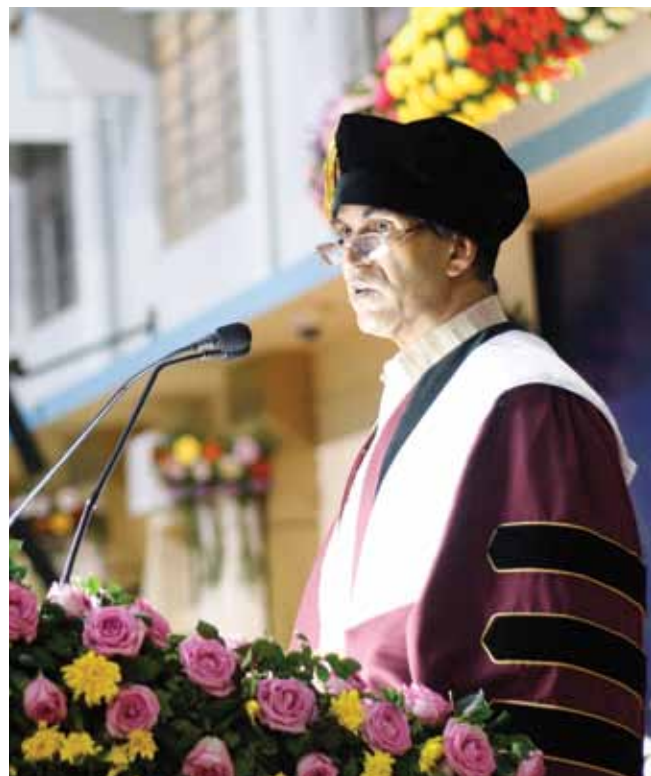
Second Convocation

21 September, 2013 at Assam Don Bosco University (ADBU) was a day to applaud the achievements of its 298 fresh graduates from various disciplines. A good number of guests from various sectors, faculty members, educationists, friends and family members witnessed the important ceremony. The second convocation marked another milestone in the University's history.

The ceremony began with the Registrar leading the academic procession from the Vice Chancellor's Office to the Venue holding ADBU flag. Following him were the Chief Guest, Director of National Assessment and Accreditation Council (NAAC), Prof. AN Rai, the Chancellor, Fr. V.M. Thomas, the Vice Chancellor, Fr. Stephen Mavely, Controller of Examinations, Fr. V.A. Cyriac and other dignitaries.

The Chief Guest, Prof. A.N. Rai, congratulated the fresh graduates on the completion of their respective degrees. Expressing his happiness over the University's program of studies, he said, "I'm happy to note that the University lays great emphasis on 'intellectual competency', 'social commitment', 'imparting holistic education' and preparing 'knowledge professionals'."

Taking note of the University's notable growth, he said, "It is indeed a matter of great pride that Assam Don Bosco University, with its modest beginning in the year 2008, has



Chief Guest, Prof. A.N. Rai, Director of National Assessment and Accreditation Council, delivers the convocation address





grown to encompass a wide array of courses in Engineering, Management, Social Sciences, as well as Distance and Online learning.” He also pointed out that “the University’s commitment to create individualism, professionalism and to inculcate scientific temper among its graduates, with stress laid on ethics, is noteworthy. Though I’m no stranger to this nascent University, I’m impressed by the rapid strides taken by it in terms of infrastructure, diversified academic activities and its service to the North Eastern States.”

The Chancellor, Fr. V.M. Thomas, reminded the students that “the story of the triumph of the human spirit isn’t about people who quit when things got tough. It is about people who kept going, who tried harder, who loved their passion for work too much to do anything less than their best. ‘Tough times never last – Tough people do’.”

The Vice Chancellor, Fr. (Dr.) Stephen Mavelly, briefed on the progress of the ADBU over the last five years saying, “From four courses in Engineering and Technology in 2008, today the University boasts of five Schools: School of Technology, School of Social Sciences, School of Applied Sciences, School of Commerce and Management, and School of Religion and Culture, conducting six undergraduate programs, eight post graduate programs, and a variety of doctoral programs in 13 disciplines.”

The degrees were conferred on 298 students of whom 192 students received the bachelor’s degree in Engineering and

Technology, 16 M.Tech., 27 MSW, 24 MCA and 39 MBA degrees. Besides these, 11 medals under various categories were awarded to 9 outstanding graduates.

For the first time this year, two students were awarded the Vice-Chancellor’s gold medal for ‘positive contribution to campus life’. It was awarded to Sweety Mathew, MBA Student from DBIM, Kharguli campus and Sanjay Chhettri, B.Tech Student from DBCET, Azara campus. Sweety Mathew also won the topper’s medal for MBA batch 2013.

Subra Mukherjee, a student of M. Tech. (ECE), won the topper’s award and also received the Chancellor’s Gold Medal for standing first across all disciplines and degrees in the year 2013.

Other toppers include Gautam Budha Nath (MCA), Baiarbha Massar and Susanna Lungalang (MSW), Jahnabi Borah (M. Tech – CSE), Rosemary Koikara (B. Tech – CSE), Annesha Baruah (B.Tech – EEE), and Sabyasachi Bhattacharyya (B. Tech – ECE).

The second convocation was an occasion for ADBU to witness its beaming graduates entering its list of alumni. The University, in its brief journey, has already created a benchmark, attracting a number of industries and organizations that need young professionals who can carry forward their dream.





University Grants Commission visits ADBU

ADBU welcomed the University Grants Commission (UGC), headed by Prof. Dhrubajyoti Chattopadhyay, Pro-Vice Chancellor of University of Calcutta, on 29 October. The introductory session which followed the formal welcome had a presentation of the overall report of the University by Fr. Stephen Mavelly, the Vice Chancellor. The presentation emphasized the University's vision of building itself on sound foundations with its efforts focused on creating a cadre of dedicated staff, on starting a variety of courses of study that answer to the needs of society today, on creating and maintaining a culture of quality research, on engaging its staff and students in well-planned and meaningful extension activities, on creating and maintaining attractive and appealing infrastructure, on making higher education accessible and affordable to the weaker sections of society, and on ensuring quality in

every process and undertaking of the university.

The introductory session had another significant moment – the releasing of ADBU's first scientific publication, "Journal of Northeast Indian Culture" by Prof. Dhrubajyoti Chattopadhyay, the Chairman of the UGC Team.

The two days' visiting programme of the UGC Team comprised of meetings, inspection of documents and visit to various labs and departments. Subsequent to the visit and the approval of the report by the UGC Commission, the University expects to receive the option to apply for recognition under Section 12B of the UGC Act (right to get grants of various types - except salary and maintenance grants) in addition to the recognition under Section 2F (right to award degrees) of the same Act that the University already enjoys.

Journal of Northeast Indian Cultures (JNEIC) Released

Journal of Northeast Indian Culture, an International Peer Reviewed Journal of Assam Don Bosco University, was released at the introductory meeting with UGC and the University teams on 29 October by the Chairman of the UGC Team, Prof. Dhrubajyoti Chattopadhyay, Pro-Vice Chancellor of University of Calcutta.

The 128 page journal carries 8 scholarly articles and a book review. It is edited by Dr. Paul Pudussery and a team of four Associate Editors along with a 12 member Advisory Board and a 10 member Review Board.



Research collaboration with IACS and SNBNCBS Kolkata



Two reputed research organizations, the Indian Association for the Cultivation of Science (IACS) and the Satyendranath Bose National Center for Basic Sciences (SNBNCBS), Kolkata, have agreed to do a collaborative research with Assam Don Bosco University involving researchers from both sides. This is the result of a series

of discussions carried out by Dr. Sunandan Baruah of DBCET, ADBU, with Dr. Somabrata Acharya of IACS and Dr. Samir Kumar Pal of SNBNCBS who are prominent scientists with excellent publications in high impact journals.

Dr. Somabrata Acharya belongs to the Center for Advanced Materials at IACS and works in the areas of quantum coupled dots, superlattices, heterostructures, controlled processing and assembly of ultra-narrow nanomaterials, transport, tunneling and photovoltaics, interface and patterns, organic-inorganic interfaces and ultra high density patterns.

Dr. Samir Kumar Pal is a renowned spectroscopist and has worked with Professor Ahmed H. Zewail of the California Institute of Technology, Pasadena, USA, who was awarded the Nobel Prize in Chemistry in 1999. Dr. Pal's research interest is in the study of electron dynamics in different systems through the use of Femto second spectroscopy.

Both the Scientists have agreed to support the local expenses (fooding and lodging) of the students from ADBU for periods of stay up to 3 months. Formal documents related to the collaboration will be signed soon.

Dr. Sunandan Baruah, Assoc. Prof., DBCET

Swami Agnivesh visits Assam Don Bosco University

Swami Agnivesh from Delhi made a surprise visit to Assam Don Bosco University on 8 November 2013, on his arrival at Guwahati to address the delegates of Conference of Religious of India, gathered for its golden Jubilee celebration at Guwahati. He spent about an hour conversing with the Vice Chancellor, Fr. (Dr.) Stephen Mavely in his chamber along with ADBU Campus Minister, Fr. (Dr.) Francis Fernandez.

Swami Agnivesh, born on 21 September 1939, is an Indian politician, a former Member of Legislative Assembly from the Indian state of Haryana, an Arya Samaji scholar, and a social activist. He is best known for his work against bonded labour through the Bonded



Labour Liberation Front, which he founded in 1981. Agnivesh also founded and became president of the World Council of Arya Samaj, which he describes as an associate of the original Arya Samaj and served as the chairperson of the United Nations Voluntary Trust Fund on Contemporary Forms of Slavery from 1994 to 2004.

Two-day Workshop on Network Systems

A two day workshop on "Computer Networks and Security" was held at DBCET, organized by the CSE Department, on 11 and 12 November. Mr. Abijit Sharma of Gauhati University opened the workshop with a lecture on "Security Issues in Computer Net-

works with Special Reference to Botnet." Besides the resource persons from IIT Guwahati, Mr. Hiranjyoti Mahanta, Technical Head of Cisco Bangalore, was present. The sessions mainly dealt with network basics, trouble shooting, virtual private networks and related concepts. About 60 students of MCA & M Tech, fifth semester participated in the workshop.

ADBU bids Farewell to Dr. V.A. Cyriac Controller of Examinations

ADBU bade farewell to the Controller of Examinations, Dr. V.A. Cyriac, with a special meeting and farewell lunch on 9 October at its Azara campus. Having completed two years of service at the University, Dr. Cyriac is to make a new start for setting up a Don Bosco College at Bongaigaon, Assam. Besides putting in place the examinations system at ADBU, Dr. Cyriac has streamlined the admission process of the University and assisted in setting up the University's School of



Social Sciences. He is also instrumental in initiating "Communicative English" classes for the freshers - a new project launched on 24 October.

A march for Gender Justice



The ADBU students, under the initiative of the Department of Social Work, held a candle light solidarity march with the theme 'gender justice' on 28 October at 5 pm. The candle light procession started off with the song "We shall overcome". A good number of students from the Carrenno Hall and the Ferrando Hall hostels of the University joined the march. They marched holding posters and banners along the high way to Azara Public Health Centre, less than a kilometer away. The march ended at the University lawns, with a short speech by Fr. (Dr.) Stephen Mavelly, the Vice Chancellor.

The event was organized in response to the death of two women, who were allegedly gang raped and murdered near a railway track at Jogipara area, close to Guwahati International Airport on 25 October.

Awareness on Cyber Crime

On 14 November 2013, Inspector of Police (Criminal Investigation Dept.) Mr. Ashwini Kalita, gave an hour long presentation to the Assam Don Bosco University students and faculty on Cyber Crime. Everyone commented that the students were most attentive, especially because of their being active citizens of the cyber world, and the consequent need to be aware of the crimes that they could unwittingly commit as also of the crimes that they could be victims of.



7-8 March 2014
National Conference
on Emerging Global Trends
in Engineering & Technology

Organised by:

Don Bosco College of Engineering & Technology,
a constituent unit of Assam Don Bosco University

The last date of submission of papers:

31st of December 2013

For details: <http://conferences.dbuniversity.c.in/>

Networking with Neumann University, USA

Neumann University (Ashton, Philadelphia, USA) is the latest university keen to establish academic and research links with Don Bosco University. On invitation, Fr. Stephen Mave-ly visited the University on 22 November 2013 and held a series of meetings with the President (Dr. Rosalie M Mirenda¹), Vice President (Dr. Gerard O'Sullivan²), Vice President (Sr. Marguerite O'Beirne OSF³), Prof Douglas Turco⁴ (Director of Sport & Entertainment) and Ms Lee DelleMonache⁵ (Institute for Sport Spirituality). Areas for future collaboration include IT, Nursing and Education.



DBCET Football Team bags Trophy



On 2 October, the DBCET Football Team won the Dr. Debabrata Goswami Memorial Football Trophy, beating Assam Engineering College by 3-0 in the final.

The Inter- Engineering and Technical Institutions Football Tournament was organised by NEFTi (North East Forum for Technical Institutions).

Harket Khongsngi (3rd Semester, Civil) from DBCET was awarded Best Footballer of the Tournament. A total of 9 Engineering Colleges participated in this tournament hosted by NITS, Mirza.

Interactive Meeting with Parents and Guardians

DBCET organized this semester's meeting with parents and guardians on 28 September. The day's programme included an introductory session of welcoming the parents

and guardians, interaction with respective mentors and a gathering together for updating on the various activities of the College and its efforts for training and placements. The gathering was an opportunity to the parents to express their concerns to the management and administration. Around a hundred of them, mostly the parents of first semester students, attended the programme.





DBIM Excellence Award 2013

The DBIM Excellence Award 2013 function was held on 21 September to honour the students who excelled in academics, social responsibility and overall conduct. Rajat Dutta and Sweety Mathew, graduates of 2013, were the winners, who received the award. The award comprised of citations and cash prize of Rupees fifty thousand each.

The Pro Vice-Chancellor of Tezpur University, Prof. Amarjyoti Choudhury, was the Chief Guest and Fr. V. M. Thomas, Provincial, Guwahati Province, was the Guest of Honour at the function.

Dr. Amarjyoti Choudhury expressed his happiness over his association with DBIM. He emphasized the need of inculcating in the younger generation the spirit of giving and hard work which can impact their lives. He stressed on developing the 'Indian-ness' of the business administration studies, by giving the right emphasis on Indian ethos and values in business. He pointed out the criteria chosen for DBIM Excellence Award, which underlined the importance of academic excellence as well as other aspects that focused on the individual and his/her social responsibility.

Fr. V. M. Thomas, in his address, focused on the importance of recalling both the good and the bad memories of their

stay at the Institute, which have ultimately helped them shape their lives. Quoting one of the famous sayings, 'Work hard and be Lucky, for Luck favours the Brave', he encouraged everyone to work hard and get ahead in life.

Fr. Johnson Parackal, Rector, in his welcome message, spoke about the importance of the momentous occasion in the annals of DBIM and offered a warm welcome to the special guests and everyone gathered together for the occasion.

Sweety Mathew, one of the winners of the award, shared her enriching two years' experience at DBIM, which ultimately turned out to have a very positive bearing on her and the others.

The DBIM Excellence Award was constituted in 2011 to honour those students who demonstrate excellence not only in the field of academics but also in social commitment, extra-curricular activities and overall conduct, to the extent that they set examples for others to emulate. The award is given every year to the most deserving and exemplary MBA graduate.

Mr. Bikash Gogoi, Asst. Professor, DBIM

Julhas Ali Library Day

Julhash Ali library at Don Bosco Institute of Management is a knowledge hub and a gateway to quality education of youth in the entire North Eastern Region and continues to evolve as a repository of scholarly contents of research. It creates an ambience of collaborative workspace for students and teachers by providing access to the latest information.

This year's Library day, celebrated on 10 October at DBIM, was made meaningful with a series of competitions and other programmes that added colour to the day.

The Julhash Ali Library Scholar award, one of the special awards of the event, was given to Santosh Deepch and Murmu. The awardee was chosen on the basis of several parameters such as regularity in library visit, usage of the library resources and reading habit.

Ms. Gayatri Hazarika, Librarian, DBIM

Annual Day Celebration of SWASTAYAN- a Commitment

29 November 2013 marked the annual day celebration of 'SWASTAYAN- a commitment'. It is an outreach programme of ADBU, spearheaded by its Department of Social Work, in collaboration with a good number of volunteer students and faculty members from DBCET. Under this initiative, a hundred plus high school going students of the neighbourhood are given free coaching classes every evening, especially in English, Maths, Science and Geography.

Fr. Stephen Mavely, the Vice Chancellor, chaired the annual day function, while Mrs. Asha Bora, social activist, Mr. Prabin Medhi, Azara Gram Panchayat President, Prof. Manoranjan Kalita, Principal DBCET and Dr. Riju Sharma, Director, DBISS, were the other noted dignitaries.



Fr. Stephen Mavely acknowledged the positive impact that has been created through this venture, and congratulated the faculty and students for their wholehearted cooperation



tion towards the realization of ADBU's plan to reach out to the neighbourhood.

The guests of honour, Mrs. Asha Bora, Mr. Medhi and Prof. Kalita addressed the gathering and expressed their happiness over the growth of the project that has captured the attention of over a hundred children of the locality.

The day's programme captured the interest of the students, as it organized various competitions in recitation, poetry, acting, singing, dancing, and drawing, to identify the students' talents so that their skills could be further honed.

The Coordinator of the programme, Mr. Victor Narzary, Asst. Prof. from the MSW Department said, "Apart from academic inputs, the neighborhood students were taken through a series of sessions on goal setting, time management, life-skill development, spoken English tutorials, recreation, games and sports that were intended to enthuse and enhance their overall personality and self-esteem."

Besides opening up the tutorial to accommodate more students in January, ADBU plans to hold a crash-course for HSLC candidates as an immediate preparation for the public exams.

Development Politics in the Sixth Schedule Areas

A one-day workshop on 'Local Governance in the Sixth Schedule Areas in the context of Panchayat Raj System (PRI)' was organized on 9 November for the MSW 3rdSemester students, coordinated by Fr. Jose Karipadam msfs, MSW faculty. The resource person of the day's programme, Dr. Helen Puwein fma, presented a broad view of the Sixth Schedule and led the students of the specialization in community development to have a critical understanding of PRIs in the country, while for others it provided an introduction to the concept of good governance in the sixth schedule areas.

The Sixth Schedule provides for administration of certain tribal areas as autonomous entities. The administration of an autonomous district is to be vested in a District Council



and of an autonomous region, in a Regional Council. These Councils are endowed with legislative, judicial, executive, and financial powers. Most Councils (Bodoland Territorial Council has up to 46 members) consists of up to 30 members including a few nominated members. These constitutionally mandated Councils oversee the traditional bodies of the local tribes such as the Syiemships and Dorbars of the Khasi Hills of Meghalaya.

Counselling Skills for Social Work Students



The first year students of MSW had a workshop in Counselling Skills and Techniques on 7-8 October at ADBU Conference Hall. Sr. Christine Mynsong msmhc, a post graduate degree holder in Psychology and Counselling from La Salle University, Metro Manila in the Philippines, animated the sessions for both the days. The workshop, coupling theory and practice, touched upon some of the nitty-gritties such as active listening, keen observation and interview techniques. Sr. Christine emphasized that confidentiality in counselling and the right to be informed in consent are absolutely important in counselling. The coordinator of the workshop, Mrs. Rachel Kabi, MSW Faculty, commented on the workshop: "The two days' sessions gave clues for a better understanding of self, thinking and reasoning, behavior and attitude."

Disaster Preparedness Training

ADBU's Social Work Department organized a lecture and demonstration on the Management of Disaster in collaboration with Assam State Disaster Management Authority (ASDMA) and District Disaster Management Authority (DDMA), Kamrup on 13 November.

The day's programme began with a lecture by ASDMA Project Manager, Mr. Mukta Ram Deka on "Disaster Management: Assam Experience." He pointed out that earthquake, flood, drought, land slide, and cyclone are the year round disasters visiting the country.



The second part of the programme was a practical session where, the Fire Chief, Mr. R.C. Bhakat and his team, gave a demonstration, at the university campus, of controlling disasters caused by fire.

Awareness initiative... disaster risk reduction through street play



The students from the Department of Social Work organized street plays to mark the Disaster Risk Reduction (DRR) Day on 29 October. Street plays were enacted at two selected locations in Guwahati city - at the major traffic hub in Jalukbari and at Guwahati railway station.

The students performed the play with a well-knit story line of people with disability being often left out in times of disasters like communal riots, blasts and floods, while emphasizing that disabled people are equally able to take part in the process of disaster risk reduction processes.

Besides providing entertainment, the street play conveyed a strong message to the people on disaster and disability.

The programme was supported by the District Disaster Management Authority (DDMA) Kamrup Metro, Assam State Disaster Management Authority (ASDMA) and Inter Agency Group (IAG), Assam.



Placement Season: an update from DBCET

The Placement season at DBCET for the session 2013-14 kicked off with positivity and enthusiasm. The organizations taking part in the drive are mostly from Defence Organizations and corporate sectors. There have been, so far, seven sessions during the current semester, with some job offers.

The trainings offered during the last session were extended to all semesters, except the first semester, with respect to Aptitude Test. The aptitude tests introduced during the first semester aims at providing the students opportunities for its practice throughout their training at DBCET. It helps them to gain an extra edge over the others, since it is a mandatory format in today's recruitment process. The final year students have undergone some sessions on CV preparation, grooming and other documentation required for recruitment.

The Training and Placement Cell is in the process of organizing Staff Selection Board (SSB) training for the students who are shortlisted in both the Indian Navy and the Indian Army screening process. The training would cover all the stages of SSB with the objective of making the students familiar with the process and well-prepared for the same.

Students are also given talks by invitees on varieties of subjects at different intervals to familiarize them with the diverse job opportunities. One of the recent talks was by Mr. Mani Madhukar, Technical Head, IBM North and East

on the current trend of IT investment. He informed that more than 80% of IT-investment for the 2-year period ending December 2014 will be in the "big-4" of technologies, namely Mobility, Analytics, Cloud and Social. Mr. Madhukar also emphasized on the fact that the preparedness levels of organizations to deploy the above technologies is just about 10% across the big-4 and no more than 25% in any one of them, viewed in isolation. While this is a big challenge to the industry, it is a huge opportunity for the academia. Mr. Madhukar explained about the IBM Academic Initiative which will be launching a series of contests to help students take advantage of this opportunity.

Mr. Shahnawaz Hussain, TPO, DBCET



International Conference on Education

Teaching to Learning

Re-conceptualization of Higher Education within the Emerging Environment of ICT a Reference to Northeast India

Assam Don Bosco University in collaboration with Gauhati University and its global partners is organizing an International Conference on Education, to be held from 24 to 26 February 2014 at Assam Don Bosco University, Guwahati.

Last Date for submission of full papers:
26th December 2013

For details: <http://iceducation.dbuniversity.ac.in/>

Research Pulse

Today, the Ph.D degree being a pre-requisite for jobs/promotions in Colleges and Universities, there is a big rush of applicants for doctoral studies, and it becomes difficult to distinguish between those aiming at Ph.D degree and those interested in quality research leading to the degree. As quality research is the mandate of Assam Don Bosco University (ADBU), it takes all precautions in selecting the right and highly motivated research scholars with the appropriate temperament for research.

Unlike in many universities, the research scholars of ADBU are paid personal attention to, and the progress of their research is periodically monitored through six monthly progress report submission/presentation. With the amount of importance the University attaches to the quality it is already being acknowledged widely for its doctoral programmes.

Ph D Synopsis Presentation-Registration: The following research scholars have submitted their synopses and have been registered in ADBU to pursue their research studies.

- | | |
|------------------|----------------------------------|
| 1. Arunav Baruah | Management |
| 2. Paul Punii | North East India Studies |
| 3. Shalu Gupta | Computer Science and Engineering |
| 4. Shunan Kaping | Chemical Science |

PhD Course work of the 2013 Batch concluded with the declaration of results of the Course Work of 49 scholars in 11 departments.

The Fourth Batch (2014) of Ph D intake is announced with the notification of 30 January, 2014 as the last date for applying for entrance test/interview.

New areas included for the upcoming doctoral studies at ADBU are:

1. Mathematics
 - Fluid dynamics, boundary layer flow
 - Magnetodynamics
 - Matrix differential equations and trigonometry
2. Mechanical Engineering
 - Hydrodynamics and related areas

3. Psychology and Counseling

- Culture, heredity, environment and developmental psychology; Psycho-spiritual integration
- Psychology of meaning and psychology of leadership
- Psychological assessment and counseling
- Trauma and transformation
- Socio-cultural determinants and behavioral psychology

4. Education

- Educational leadership and management
- Classroom management, teacher supervision
- Curriculum development

ADBU Research Lectures

The weekly lecture series, a part of the Research Program presented by faculty, research scholars and invited guests, offers compelling and thought provoking perspectives on the challenges of conducting research with ethics and integrity in today's competitive environment.

- Asst. Prof. Ms. Jhimli Kumari Das delivered a lecture on 'Sensor based system for the management of optical properties of castor and other leaves'.
- Asst. Prof. Dipjyoti Sarma presented a paper on 'Bio-inspired soft computation in speech and image processing'.
- Asst. Prof. Bikramjit Goswami presented a paper on 'Flood detection using microwave remote sensing technique'.
- Asst. Prof. Dulen Saikia of Sibsagar College, Joysagar, Assam, presented a lecture on 'Nanoscience in solar energy research'.

Research Paper Publications

- S. Promnimit, S. Baruah, U. Lamdub & J. Dutta "Hydrothermal Growth of ZnO Hexagonal Nanocrystals: Effect of Growth Conditions" *Journal of Nano Research* 21 (2013) 57-63
- Pranjal P. Borah, Gitimoni Talukdar, Anirudha Deka, Y. Jayanta Singh "A Comparison of Basic String Matching Algorithms", National seminar cum conference on recent trends & techniques in computer sciences (25th-26th March, 2013)



- Y. Jayanta Singh, Dipesh Pokhrel, Kiran Chetry, Limalaksmi Borgohain "Detection of possible obstacle objects based on its shape", International Journal of Computer Applications (IJCA), ISSN 0975-8887, Volume ,No7, (In press) (June2013)
- Y. Jayanta Singh, Shalu Gupta, "Speedy object detection based on shape and scale", International Journal of Multimedia & Its Applications (IJMA), Vol.5, No.3, pp15-23, (June2013)
- Kopelo Letou, Dhruwajita Devi and Y. Jayanta Singh "Host-based Intrusion Detection and Prevention System (HIDPS)". International Journal of Computer Applications 69(26):28-33, Published by Foundation of Computer Science, New York, USA, (May 2013)
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3rd Annual Techno-Management Festival

Don Bosco College of Engineering and Technology organized its glamorous 3rd Annual Techno-Management festival “PRAJYUKTTAM 2013”, from 6 to 9 November, featuring technical and management events, branding it the first techno-management festival in the State.

The four day fest started with a mini marathon christened “Technodash” at 6.30 am on 6 November from Don Bosco School, Pan Bazar, to Don Bosco Technical School, Maligoan, a distance of 8.6 km. Two eminent Assamese Everest climbers, Manish Kumar Deka and Tarun-Saikia, the first persons from Assam to conquer Mount Everest, flagged off the event. The mini marathon which is dedicated with the theme “Run for Peace” in memory of the innocent victims of the Guwahati bomb blast of October 2008 saw more than 400 participants from different schools and colleges in Guwahati. The climbers, along with Dr. JP Sarma, Medical Director of GNRC, Guwahati, handed over the prizes to the top ten runners from both men and women category.

The fest commenced officially in the evening of 6 November with the inauguration by Gautam-Baruah, Mentor Director of IIT, Guwahati, and Mr. Uddhab Bharali, the NASA admired scientist and innovator from Assam. Uddhab Bharali, who has more than 95 inventions to his name, gave a brief presentation of his chief designs.

Second day’s programme began with the main events organized by the co-curricular clubs of each departments. Alongside other events such as school activities, Gaming and Basic sciences, an awaited band concert “Revelation”, managed for the first time, enthralled the au-

dience with rocking performances by rock and metal bands from Guwahati, Haflong and Nagaland.

Over 36 events and activities (11 events more than last year) for all types and levels of experiences gave the participants the opportunity to try out their skills and kits in the events and the best platform to showcase the exemplary dimension created by blending brilliance with technology.

The last day of the fest began with “BOSQUIZ”, the inter college quiz competition and witnessed more than 40 teams competing from different colleges. The concluding ceremony started from 3:00 pm with yet another attraction “NIX- The Mystery Entertainer”, a well-known illusionist from Guwahati, who, with his genius of mysterious performance, mesmerized the august gathering. Prizes for all the events were awarded to the winners. The fest ended with the crowds dancing to the tunes of DJ Aryan.

The biggest sponsors of Prajyukttam 2013 were Oil India Limited, Dalmia Bharat Cement, North East Cancer Hospital, TIME and Assam State Electricity Board. Some of the significant media partners were News Time Assam, Eclectic North East, Northeast Today and Big 92.7 FM.

Sylvester Makamei, Student, DBCET

