

# SPARK



A Newsletter for Don Bosco University family, alumni and friends

Volume 6 | Issue 4 | 2014



## THIRD CONVOCATION

12 SEPTEMBER 2014

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The Core Committee of the University  
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Hahim Flood... draws out University  
students to flood relief



Appreciation Day 2014  
...the joy of togetherness!

## Message from the Vice Chancellor

The other day, while on a visit to the States, I ran into an old student of mine. He invited me to his office and was proudly giving me an account of his accomplishments since leaving Shillong some thirty years ago. I was amazed, and delighted with what I saw – an extremely self-confident young man in his early forties, quite at home and at ease in navigating his way round the corporate world. The transformation was unbelievable!

I remembered him as a quiet young kid in school and college, shy, withdrawn, of very average calibre I had thought then... Yet, here he was, the President and CEO of a company that he joined just eight years back, a company that has around a thousand employees, and operations in a dozen countries or more!

He was all nostalgic about the St Anthony's School and College of the mid 80's – *that's where, he said, dreams were born!*

'Dreams...' I caught on that word. 'What dreams,' I asked. 'Tell me a few,' I prodded. That's when the flashbacks began – of events, persons, celebrations, interactions casual and deliberate, ideas and challenges that seem to have energized him for a life time... a throw-back to a time and place lost in the mists of time, of images, sepia toned and hazy, coming into a clarity and focus – unbelievably sharp that you could reach out and touch them - as he recalled them...

It's Charles Peguy that came to my mind as he kept twirling the kaleidoscope around the birth of his dreams, the struggles of inculturation in the States soon after his Higher Secondary examinations, the passion that propelled him up the corporate ladder... the sweet savour of success!

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Charles Peguy was a French Poet whom I came across in the early Seventies, and 'The Heart of the Matter' is a poem of his that lit a spark for me instantly at the time. Written in free verse, it was something unusual for the early Twentieth Century. *It deals in dreams...*

Startling in its simplicity, it is a monologue by 'The Lord God' who says:

I myself will dream a dream within you—  
Good dreams come from me you know . . .  
My dreams seem impossible,  
Not too practical, not for the cautious man or woman—  
A little risky sometimes, a trifle brash perhaps . . .

Some of my friends prefer  
To rest more comfortably,  
In sounder sleep, with visionless eyes—



But, from these who share my dreams  
I ask a little patience, a little humour,  
Some small courage, and a listening heart—  
I will do the rest . . .

Then they will risk, and wonder at their daring . . .  
Run—and marvel at their speed . . .  
Build—and stand in awe at the beauty of their building.

You will meet me often as you work—  
In your companions, who share your risks . . .  
In your friends, who believe in you enough  
To lend their own dreams, their own hands  
Their own hearts, to your building . . .

In the people who will find your doorway,  
Stay a while,  
And walk away knowing they too can find a dream...

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The year is ending... winter has set in... *But, for 'dreamers', it is always spring time;* and that can't be stifled - 'Hope springs eternal in the human breast...' (Alexander Pope).

Christmas is round the corner – may the Babe of Bethlehem bless you and your dear ones with an abundance of peace and joy, and *a basketful of dreams* for the days ahead.

Fr Stephen Mavelly SDB  
Rector & Vice Chancellor



## Milestones of 2014 ...

### Third Convocation



His Excellency the Governor of Assam at the Convocation



On 12 September, the Governor of Assam and Visitor to the University, Shri Janaki Ballav Patnaik, presided over the Third Annual Convocation along with the Chancellor, Vice-Chancellor, and a galaxy of dignitaries from civil, ecclesiastical and academic institutions in the city.

Addressing the gathering of over a thousand strong audience, in the School of Technology's Atrium, the Governor encouraged students to "take one step at a time; and if you commit a mistake, just learn from it and move on... believe that you can do anything you put your mind to. Nothing is impossible if you have the conviction in your dream to fulfill your goals and overcome the obstacles that may come your way."

The Chancellor, Fr V.M. Thomas, appealed to graduates to "use your status and influence to raise your voice on behalf of those who have no voice... Then, it will not only be your proud families who celebrate your existence, but thousands of people whom you have helped to change their realities."

Presenting a report of the academic year, the Vice Chancellor, Dr Stephen Mavely, described the education that is being imparted at the University as "traditional" and "transformative". He went on to congratulate all graduates, especially the first batch of MA students in Human Rights (Child Rights & Development) and the first batch of graduates from DBU Global, the on-line students of the University. Degrees were conferred on 401 graduates.



Breaking from the traditional system of awarding a Graduation Certificate and a Transcript, the University this year introduced an additional one-page certificate that gave a comprehensive picture of the candidate's performance in all fields and highlighted the skills that the student acquired and demonstrated during his/her stay at the University.

Gold Medals under various categories were awarded to 13 outstanding graduates both for academic and co-curricular activities. The Chancellor's gold medal for being the top scorer across the degrees and the Vice Chancellor's medal for outstanding contribution to campus life were awarded to Gitimoni Talukdar, Achinta Sharma and Lijo George respectively. Every graduating participant at the convocation was honoured with a specially prepared scarf made to mark the occasion.







Cultural Troupe of the University with the NAAC Peer Team

### *National Accreditation... laurels for the University!*

As the University had opted for accreditation on completion of five years, the NAAC Peer Team visited the University on 27-30 October, 2014. The actual visit and the yearlong preparations that preceded it have been a bracing experience for everyone.

We were blessed with a Visiting Team that appreciated our vision and commitment, took pains to understand the planning and execution of the University project, and went about examining our progress so far and the roadmap we have drawn up for the future. The final report and ranking from NAAC Headquarters are awaited.

### *Appreciation Day 2014 – the University says ‘Thank You’*

On 29th November, the University celebrated its Annual Appreciation Day, at its permanent campus at Tapesia Gardens. The event brought together over 350 faculty and staff members along with their family members for a daylong program. Fun, camaraderie, games, treasure hunts and ‘na-taks’ marked the day with the underlying theme and tenor of appreciation for one another highlighting the joy of working together at Don Bosco University.



### *The University Basketball Team Bagged Championship Trophy*

The University Basketball Team bagged the Championship Trophy at the Inter-University Basketball Tournament organized by Dibrugarh University, held on 19-22 September, 2014. The University Team beat the host team in the final by 52 - 43.

The University team was led by L. Chameikho as Captain and Vismeyas Zimik as Vice Captain with Mansel R. Marak, Vizayie Thapo, Khrawbok Savio Marbaniang, Ponathung Humtsoe, Hirokjan Barman. Mr Alok Chowdury accompanied them as their Manager.



## Happenings at the School of Technology ...

### Prajyuktam 2014

The 3-day annual Technofest known as Prajyuktam started off on 18 September with a morning Marathon from Don Bosco Pan Bazaar to Don Bosco Maligaon, a distance of 8.3 km. Over 400 students participated at the event flagged off by Mr Universe 2009 Mr. Mahadev Deka, a body builder and an Engineer.

Later in the morning, the official inauguration of the Prajyuktam was held in the Atrium with eminent Assamese Entrepreneur Mr. Agar Verma as Chief Guest. Addressing the students on the occasion Mr. Verma said, "technology should be taken as an art."

Besides the regular 20 plus events at the annual fest spread over three days, this year marked the launch of a SmartFilm Competition on the theme "Campus Life" – an initiative of the Mass Communication Department. The 3-day event concluded with a 4-hour program which featured prize distribution laced with dance and musical performances capping the evening with a DJ Night.



### Symposium on Health Issues and Environmental Hazards from Electronic Systems

The department of Electronics and Communication Engineering (ECE) organized a one day symposium on 'Advancements in Electronics and Communication Technology: Issues and Challenges 2014'. A galaxy of eminent speakers from Universities and IITs, as well as over 100 participants from various organizations of Guwahati, crowded the event.

Prof. Ratnajit Bhattacharjee, Head, Department of EEE, IIT Guwahati, speaking on "Potential biological and environmental impacts of EM radiation from wireless cellular telephone systems" stated with statistics and video illustrations that EM waves and living cells interact with each other which may lead to health problems. He pointed out that not only human organs like eyes and brain can be affected by EM radiation, but also birds and bees are affected.

Prof. Samarendra Dandapat, of the Department of EEE, IIT Guwahati, spoke on "Cardiac information from ECG signal" dealing with recent research issues in ECG and gave insights into the analysis and synthesis of spatial information from ECGs.



Dr. Kandarpa Kumar Sarma, Associate Professor, Dept. of ECT, Gauhati University, addressed the issue of "Environment and Health Hazards of Electronics and Communication Technology" while also focusing on the developmental benefits of such technology. He emphasized on the importance of the cycle of three R's (reuse, recycle and recover), and future prospects connected with green computing.

"E-waste issues and challenges" were discussed by Dr. Navajit Saikia, Asst. Professor, Dept. of E&TE, Assam Engineering College. He warned that, globally 50 million tons of e-waste is produced annually with an average growth rate of 8.8% and that waste from mobile phones would increase by 7% to 10 % till 2020.

### Inter-College Drama Competition

The 3rd Inter-College Drama Competition 'CURTAIN CALL', was organized by the 'Rangayan' Club of the School of Technology, on 11th October, 2014. The event saw Mr. Brajen Bora and Dr. Hemen Barman as Guests; and Mr. Babul Thakuria, Mr. Surendra Medhi and Dr. Manoranjan Kalita as the Judges of the competition.

Don Bosco College of Engineering and Technology won the 'best play' award for the play titled "Mora xutir jiya xaaku". The Second Prize and Third Prize were bagged by Assam Engineering College and Tihu College respectively.





### Workshop on IBM Bluemix

The Department of Computer Science & Engineering and Information Technology organized a one day workshop on Cloud Computing and IBM Bluemix on 25th September, 2014. Last year, the University had signed MoU with IBM for Rational Software Engineering for Educational Development (SEED) programs which facilitates the Software Designing. A total of 127 students from BTech CSE 5 & 7 semester, MCA 5 & 3 sem, M.Tech, Ph.D scholars and faculty members attended the workshop.

Mr. Mani Madhurkar, Technical Lead, IBM delivered talks on various topics like Cloud Computing, NoSQL, Big data and IBM Bluemix as the chief resource person of the workshop.



### The University gears up for Students Consumer Cooperative

The idea of setting up the Cooperative in the University campus has been a felt need by many in the university community. To actualize this dream into a reality, the Department of Social Work organized a lecture by Dr. K. L. Meitei, Director, Institute of Cooperative Management (ICM), Guwahati on 'cooperatives and its benefits' on 24 November 2014.



If it materializes, Dr. Meitei noted that 'Don Bosco University under the initiative of the Department of Social Work would be the first cooperative setup and managed by the student community.' Further Dr. Meitei also promised to support the initiative by his technical support at the initial stages and provide training to 20 students on 'student cooperative formation and management'.

The cooperative, planned to be launched by the beginning of 2015, envisages catering to the needs of the neighborhood community besides meeting the needs and demands of students and staff.

### Six Students to join TechMahindra

Six students from the School of Technology have been recruited by TechMahindra in a Pool Campus Drive held at Tezpur University on 24th and 25th September, 2014.

Congrats to Shaheen Akhtar Wahab (BTech – Civil), Debodipto Roy (BTech – CSE), Darsana Bordoloi (BTech – ECE), Sukanya Bhattacharjya (BTech-ECE), Supriyanka Paul (BTech-ECE) and Barnali Sarma (MCA).



### Live Talk on Data Warehousing

Mr. Waqar Ahmad, Solution Manager, (Sanipex Group-DUBAI) had an interaction, through SKYPE from Dubai, with the students of M Tech, Computer Science and Engineering as a part of a refresher course. Mr. Ahmad is an experienced IT professional having 9 years of working experience in UAE.



In the LIVE talk Mr. Admad shared practical knowledge and LIVE demos about ETL (Data Warehousing) with the M.Tech students of Computer Science and Engineering.

As per part of regular refresher program, this Live talk was arranged by the Department of Computer Science & Engineering and Information Technology, School of Technology of the University.

### BU-CROCCS UPDATES features Don Bosco University Students

BU-CROCCS UPDATES, a bulletin of Bangkok University – Center for Research in Optoelectronics, Communication and Control Systems, Thailand, in its second issue featured Don Bosco University students who are doing internship at Bangkok University, in pursuance of the student exchange programme signed by the two Universities.

The students featured are: Ms Kakoli Nath ('Optical Sensor Based On Fiber Multimode Interference' under the supervision of Dr. Sunandan Baruah of ADBU and Dr. Waleed Mohammed of BU-CROCCS.), Ms Dhritishri Das ('Testing Scattering Properties Of Zinc Oxide Nanorods Under Changes In Environment' under the supervision of Dr. Sunandan Baruah of ADBU and Dr. Waleed Mohammed of BU-CROCCS ), Mr. Mridul Pathak ('Characterization of Zinc Oxide Thin Film Growth Using Optical Fiber Based Sensor' under the supervision of Dr. Sunandan Baruah of ADBU and Dr. Waleed Mohammed of BU-CROCCS and Mr. Abhijit Kakati ('Energy Monitoring Using Distributed Sensor' under the supervision of Dr. Sunandan Baruah of ADBU as well as Dr. Pakorn Yubolkosol and Dr. Romuald Jolivot of BU-CROCCS)



### Tidbits from the School of Commerce and Management...

#### DBIM Excellence Award 2014



The award was constituted in 2011 to honour those students who demonstrate excellence not only in the field of academics but also towards social commitment, extra-curricular activities and overall conduct, to the extent that they set examples for others to emulate. The best MBA graduate is awarded a sum of Rupees One Lakh to pursue his/her future dreams. Since then, this award is given every year to the most deserving and exemplary MBA graduate.

For 2014, the award went to Ms. Nang Trishna Namchoom K and Mr. Himjyoti Kalita, for their excellence in education and social work (criteria in inset box). The award was sponsored by Mr. Adarsh Jhunjhunwala, MD, Best Cements, Guwahati.

#### Student Extension Lectures

On August 23, Mr. Samrat Deka, MD, SRD Group (Repose Confectionery/Bakery products), had an interactive session with the MBA students on entrepreneurship and his personal experiences as an entrepreneur.

The students had a number of questions on the problems and issues encountered by an entrepreneur. They also quizzed Mr. Deka on potential areas where they can explore business opportunities.





## Industrial Visits to Hindustan Paper Corporation Limited



MBA students along with 3 faculty members visited Hindustan Paper Corporation Ltd, located at Jagiroad, Nagaon on 18 October and 1 November. The Hindustan Paper Corporation Ltd. is the Third Largest Factory of its kind in Asia, a Capital Intensive Industry. Students learned about the norms followed by the company in Quality Management System, Environment Management System, and about Occupational Health Hazards and Safety Systems.

## Colloquium on Impact of Social Media

Dr. Barnes Mawrie, a Professor at Sacred Heart College, Shillong interacted with both the batches of MBA students on November 6, 2014 discussing the "Impact of Social Media". Dr. Barnes talked about the pros and cons of the new social media revolution. He emphasized the need of creating greater awareness among the youth and their parents about the negative impact of social media.

## Red FM Talent Hunt Competition

Red FM, a premier satellite radio channel in India is conducting a statewide talent hunt competition "College Ke Tashanbaaz". Two second year students from the MBA program, Vidhi and Banrishisha, rapped their way into selections for the finals.

## School of Social Sciences... busy as ever!

### Launching of the 'Journal of Development Practice'

Bishop Thomas Menamparambil, SDB (Jowai Diocese) launched Journal of Development Practice, a peer reviewed international journal of experiences from the field, at an august gathering of faculty members and students of social work on 25 September 2014.

The first volume has 44 pages (A4 size divided into two columns) with six feature articles broadly covering themes of Public Health, Social Work Education, Methodological Dilemma in Social Research, and Homelessness.

The University Journals can be viewed at: <http://journals.dbuniversity.ac.in/ojs/>

Congratulating the Department of Social Work on bringing out the journal, the Vice Chancellor Fr. Stephen Mavelly said, "Conceived as a Journal that will rely on 'experience' as the base material for analysis, conclusions and assumptions for effective interventions in the field as well as grist for philosophising, we look forward to this Journal becoming an authoritative voice for practitioners and thinkers alike".

He also added that, "One of the stated aims of Don Bosco University is to be a catalyst for critical thinking and analysis of whatever shapes and impacts human life, that influences thinking, planning, and policy making on vital aspects of social life, such as religion, culture, society, politics, governance, education and health care. 'The Journal of Development Practice' is certainly a step in the right direction in realizing this vision of the University."





### Regional Consultation in Human Rights Education

The University's MSW department undertook a Consultancy Project from the North Eastern Diocesan Social Service Society (NEDSSS) for a Regional Consultation on Human Rights Education in Schools, with the theme 'Human Rights Education for Development and Social Change.'

The findings of the survey was presented at NEDSSS Conference Hall on 24th October, bringing together some 90 participants representing policy makers, school principals, teachers, professors, NGOs, students, human rights activists, lawyers, and other rights-based organizations.

Mr. Bablu Loitongham, Director, Human Rights Alerts, Imphal delivered the Key note address on the occasion. Among the speakers were Director of Legal Cell for Human Rights Guwahati, Fr. Ravisagar, who spoke on 'Legal Provisions and Policy Frame Work' of human rights.



### World Philosophy Day Observed



The University observed 'World Philosophy Day' on 28 November with a two and half hour lecture-cum-discussion session. In the first lecture, Prof Prasanjit Biswas of NEHU Philosophy Department spoke on "Reason, Normativity and the Philosophical responsibility - a renewed call to alterity," and stressed the need for 'critical thinking' to enhance one's quest for meaning.

In the second lecture, Prof Archana Barua spoke on "Quest for a place of one's own: Locating ethics in the age of globalization." She addressed issues in global ethics and its changing scenario especially with reference to environmental degradation.

"Philosophy is a discipline that encourages critical and independent thought and is capable of working towards a better understanding of the world and promoting tolerance and peace," observed Dr. Dominic Meyieho, chief organizer of the event.

### Puppet show creates awareness about social evils

The department of Mass Communication (Convergent Media & Technologies) put up a puppet show on three burning social issues at a combined School of Technology and School of Humanities & Social Sciences assembly on 19th November 2014.

The students presented the social evils of abortion and dowry, as well as the ill effects of self-medication with the help of handheld puppets that they had created.



### *Suicide Prevention Day Observed*



Street Theatre Troupe

The students of Masters in Psychology (Psychological Counselling) observed 'World Suicide Prevention Day' in the University through a special morning assembly for the entire university and later by an engrossing street play. The play titled "Who Comits Suicide?" was performed for the students of the School of Technology and the School of Humanities and Social Sciences.

### *A Colloquium on 'Human Rights' by Justice Cyriac Joseph*



A National Human Rights Commission member and a former Judge of the Supreme Court of India, Justice Cyriac Joseph, addressed students of School of Social Sciences at the Azara campus of the University on 21st November 2014.

In his lecture, Justice Cyriac decried several instances of Human Rights violations in North East India, committed in the name of insurgency. He also touched upon the contentious issue of Armed Forces Special Protection Act of 1958.

### *Awareness Programme on the Problems of Child Marriage*

The Department of M.A. in Human Rights, in collaboration with Mini Child Rights Centre, Snehalaya conducted an awareness programme on the Prohibition of Child Marriage Act, 2006 and the various issues associated with Child Marriage in Assam on 15 October, 2014.

The programme was aimed at building the capacities of the Aganwadi workers, ASHA workers and the staff of Mini Child Rights Centre, Malijan on the Child Marriage Prohibition Act, 2006. This will help them to further work with the community on the issue of child marriage. The 3rd semester students explained the laws associated with child marriage by displaying cartoons.

### *Farewell to Two Veterans*

The Master of Social Work (MSW) department organized a farewell, 26th November 2014, for two of its founding faculty members as they take leave of the University - Fr Jose Karipadam msfs who joined ADBU on 1st July 2011 and Mrs. Rachel Kabi who joined on 3rd August 2011 as Assistant Professors.

Both of them are pursuing their doctoral studies at Assam Don Bosco University and they intend to dedicate full time to their research work before taking up new assignments. We wish them God's blessings in the years ahead.





## Reaching out... a Don Bosco University obsession!

### Flood Relief at Hahim Village

The University team comprising 54 first semester students of Master of Social Work (MSW) accompanied by three faculty members spent 9 days (beginning on 11th October) at Hahim village in Boko Circle of Kamrup district in Assam, some 65 km from Guwahati.



The team was involved in supporting the flood victims in their efforts to rebuild their lives after the devastating flood that hit them in the last week of September. Earlier in October, a group of ten students and faculty members from the University spent their puja vacation in helping the victims rebuild their houses.

Students of the School of Technology also raised funds amounting to Rs. 25,000 and contributed the same to Chief Minister's Relief Fund.



### Swastyayan Annual Day 2014

The students and faculty from the School of Technology and the School of Humanities and Social Sciences organized the Second Annual Day programme for children of the locality on 20th November in the college Auditorium.

The auditorium was packed with some 200 children from the neighbourhood, besides their parents and the volunteers to mark the conclusion of two years of daily coaching classes for senior students of High School and Higher Secondary Schools from the neighbourhood.

Swastyayan is an initiative by some 100 volunteers from B.Tech and MSW students and faculty who dedicate their time, Monday to Friday, to help the children in their studies and motivate them to be good citizens through various animation programmes and tutoring in their main subjects of study.



### SWABALAMBAN 2014



A 10 day free training programme on Electrical Wiring, Inverter Making and Installation was organized from 1-12 December 2014. The project envisioned training about a dozen unemployed youth of the neighborhood with skills in these fields; 76 eager aspirants turned up for the inaugural function. Currently, 106 have signed up for the programme.

Sponsored by Sailabala Biswas Education Foundation, based in Kolkata, and the University itself, the project will be replicated in other areas to enable more young people to learn the necessary skills for self-employment. Dr. Sunandan Baruah, the HOD, Electronics and Communications Engineering Department, who is the President of this foundation, has been supporting the initiatives of the University in various fields too.

### Reaching out to Vernacular Medium Schools

The University team consisting of two faculty members and five third semester students of Master of Computer Applications (MCA) organized a Computer Literacy Program for Assamese schools under the banner "Training Program on Computer Literacy."



"Our students benefited very much from the program. Your students presented in a very interesting manner," says Head Master of Gotanagar Nambari High School, Mr. Achyut Sarma, who had words of high appreciation for the initiative.

### Promoting Science Projects at Secondary Schools

The University has pledged support for science and technology projects of higher secondary schools in the state as part of its corporate social responsibility. The Director of the School of Technology, Prof. Manoranjan Kalita, made the pledge at the end of the day long Bosco Tech Fest 2014, organized by the School of Technology.

"We would like to promote science and technology to ensure entrepreneurship in North East India. To achieve this aim the ADBU School of Technology and its five departments will help institutions who wish to collaborate both academically and technically," said Prof. Kalita pledging the university's commitment.

The Chief Guest Prof. Dhruvajyoti Saikia, the Vice Chancellor of Cotton College State University Guwahati, an eminent academician and research scientist in Physics, encouraged the students to have "a querying mind to apply science for society and common good." Over 200 students from 10 Higher Secondary Schools participated in the Science Project Exhibition, and other activities like debate, quiz, group dance held on the occasion.





## Expanding horizons...networking and exchange programmes...

### Towards an MOU with Hof University of Applied Sciences, Germany



On 25th October, a four member team Hof University of Applied Sciences visited the University to discuss areas of collaboration. The team, led by Prof. Dr. Jurgen Lehmann (President of Hof University of Applied Sciences and Chairman of Board of Directors of BayInd), included Prof. Thomas Meuche (Vice President of Hof University of Applied Sciences), Mrs. Susanne Krause (Head International Office – Hof University of Applied Sciences) and Dr. Daniel Werner (Managing Director of BayInd).

A two hour interactive session between the Team from Hof University and the Team from Don Bosco University (the Vice Chancellor, Directors and Heads of Departments) threw up a number of possibilities which could be worked upon in the very near future. The plans include joint and dual degree programmes, semester abroad arrangements, mutual recognition of academic credits, internships at Hof University in German Companies, joint research projects etc.

### MoA with Tezpur University

The University signed a memorandum of agreement with Tezpur University (a Central Government University) on Friday 17 October at Guwahati agreeing to exchange teachers and students, and have joint research projects and to share resources in the areas of Chemical Sciences, Food Engineering, Physics & Nanotechnology, and Computer Science Engineering.

Pro-Vice Chancellors of both universities signed the Memorandum of Agreement (MoA).

"We are happy to sign this agreement with Assam Don-Bosco University. Though a very young university, they are quite at par with us. It is for mutual enrichment; and with activities selectively pursued, both our universities can go a long way working together," said the Pro-Vice Chancellor of Tezpur University, Prof. Amar Jyoti Choudhury.

Reiterating the same sentiments Vice Chancellor of Don Bosco University, Dr Stephen Mavely added, "for us it is a privilege to work with a central university. We hope to take this forward as a model of collaboration between universities."



### Developing the spirit of 'Volunteerism for Social Change'

In collaboration with University College of Dublin Volunteers Overseas (UCDVO), Ireland, the ADBU-UCDVO volunteering programme 2015 will be concentrating on the tribal and rural villages of Sonapur in Assam in June-July 2015 for a period of one month. The 2014 programme was carried out around the Azara campus of the University.

The current batch from Ireland will have twelve members - seven will be placed with Don Bosco University while four members will be placed with Ferrando Speech and Hearing Centre at Umroi, Meghalaya. Seven students of Social Work of the University will join the Irish volunteers.

The approach that ADBU adopts and promotes in its community engagement/volunteering programme may be described as 'direct immersion of volunteers into the community for a participatory development experience' – an approach which gives the volunteers opportunity to experience the community processes with all its challenges and beauty while making the local community partners in the development process. It is an approach that ADBU has been adopting in all its community intervention/volunteering programmes since 2012. The model is challenging but has proven to be effective and enriching.



## The Research Pulse

Assam Don Bosco University is dedicated to quality research and is committed to developing a research culture by supporting its faculty as well as scholars for continuous innovation and improvement in a broad range of disciplines. Research is carried out in seventeen (17) academic departments covering diverse areas such as basic sciences, engineering, social sciences & humanities.

Ph D Research Proposal Presentation-Registration: The following research scholars have submitted their Research Proposals and their registration is in progress:

Melboureen Sunn	Biotechnology
Revinus Nongkynrih	Biotechnology
Linu John	Biotechnology
Michael R Kolb	North East India Studies
Anupa Lahkar Goswami	Mass Communication
Kasturee Kakoty	Social Work
Ivee Boiss	Biotechnology
Farlando Diengdoh	Chemical Science
Manoda Sangma	Social Work
Lolia	North East India Studies

Nabamita Das	English
Rashi Borgohain	Electrical and Electronics Engineering
Jayashree Katti	Computer Science
Yoya Vashi	Biotechnology
Rabindra Mahato	Physics
Rosily TE	Education
Kumares Sarmah	Electronics & Communication Engineering
Ouseph Varghese	Social Work

Ph D Course work of the 2014 Batch: The current batch consisting of sixty (60) research scholars is on their concluding phase of course work.

Pre-Submission Seminar: Mr. Niranjana Agarwalla from the Department of Management presented his pre-submission seminar on 1st December 2014.

Research Lecture Series: The research lecture series, presented every Friday at 12.00 noon by faculty, research scholars and invited guests is intended to stimulate and support research in today's competitive environment. A list of recent lectures is given below:

Speaker/Affiliation	Topic
Prashant Kumar Choudhury, Assistant Registrar (Examination), Assam Don Bosco University, Guwahati-781 017	Amolops species (Anura Ranidae) of North East India with reference to Amolops of Brahmaputra valley
Monmoyuri Baruah, Assistant Professor, Department of Basic Sciences, Assam Don Bosco University, Guwahati-781 017	Supersoft X-ray sources



Speaker/Affiliation	Topic
SubraMukherji, Assistant Professor, Department of ECE, Don Bosco College of Engineering, Guwahati-781 017	Vision based human detection for application in real time surveillance
IndraniGogoi, Associate Professor, Assam Engineering Institute, Chandmari, Guwahati-781 001	Dynamic behavior of concrete gravity dam
Parismita A. Kashyap, Assistant Professor, Department of ECE, Assam Don Bosco University, Guwahati-781 017	Adaptive aperture driven antenna for coupled transmit-receive set-ups for stochastic wireless channels
MrigankaGogoi, Assistant Professor, Department of ECE, Assam Don Bosco University, Guwahati-781 017	Digital water making in transform domain
Bobby Sarma, Assistant Professor, Department of CSE, Assam Don Bosco University, Guwahati-781 017	Game theoretic approach to PDA detection in MANETs
Justice Cyriac Joseph, NHRC	Human Rights

### Publications/Conferences/Seminars:

- **Alexy Bhowmick, Saurabh Prakash, Rukmani Bhagat, Vijay Prasad, S.M. Hazarika**, IntelliNavi, "Navigation for Blind Based on Kinect and Machine Learning", The 8th Multi-Disciplinary International Workshop on Artificial Intelligence, MIWAI 2014, Bangalore, India, Springer LNAI - ISSN:0302-9743 ISI, ACM, SCOPUS, Vol. 8875, pp 172-183, (December 8-10, 2014)
- **Ankur Jyoti Das, Lipi B. Mahanta, Vijay Prasad**, "Automatic Detection of Brain Tumor from MR Images using Morphological Operations and K-Means Based Segmentation", ERCICA 2014 - Emerging Research in Computing, Information, Communication and Applications (Vol 2), Elsevier Science Technology, Pg 840-850, ISBN 9789351072621 (Aug 2014)
- **Anthony Narzary and Gypsy Nandi**, "A Study on Semantic Web Languages and Technologies" International Journal of Engineering And Computer science (IJECS), ISSN: 2319-7242, DOAJ, Google Scholar Vol 3 Issue 11, pp. 9129-9132, (November 2014)
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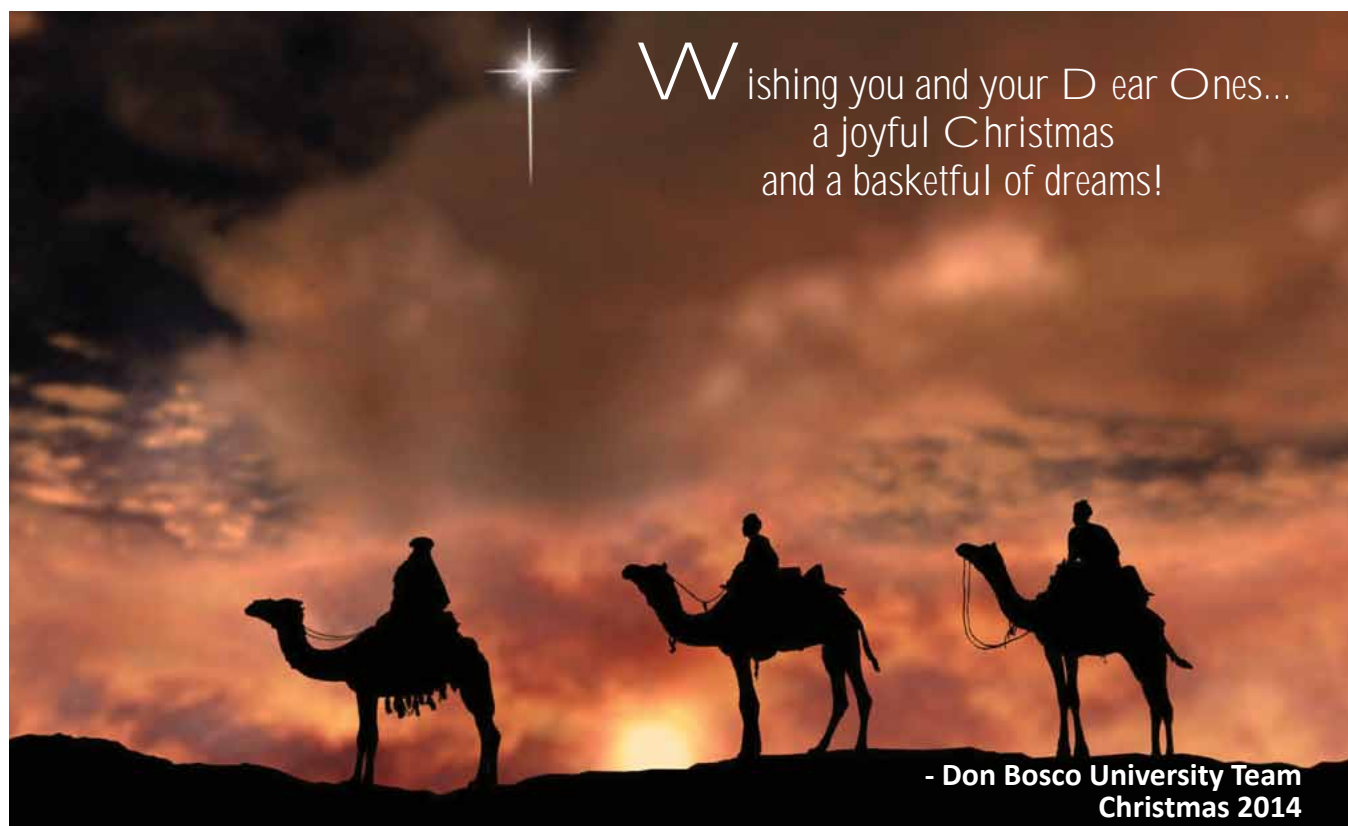
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Published by: ASSAM DON BOSCO UNIVERSITY, Airport Road, Azara, Guwahati, Assam- 781 017  
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 Editing & Layout Design: James Famkima

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