



Assam Don Bosco University

Annual Report 2015-16

ASSAM DON BOSCO UNIVERSITY
Airport Road, Azara, Guwahati - 781017
www.dbuniversity.ac.in

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Message of the Vice Chancellor

Learning continues throughout life – lifelong learning is no longer a concept, but a reality of the modern world. Lifelong learning is what we promote and what we do – this is a feature that makes Don Bosco University truly unique and universal in its quest to offer a truly global Higher Education.

This is more so because, with the ever evolving requirements of a dynamic and digitally driven era, one has to craft new career directions as opportunities emerge, and develop new knowledge and skills as one's career evolves. At Don Bosco University, our endeavor has been to bring together the theoretical and practical to fuel the minds and wills of our graduates and faculty with a desire for research and experimentation, to keep on learning.

Increasingly the University is focused on equipping our graduates with this capacity to constantly retool and retrain themselves to meet their own personal and professional challenges and aspirations in a fast-moving and globalized world.

Some Highlights of the Year that has been...

I have always been fascinated by the saying of Heraclitus, the Greek Philosopher, who, in summing up his central thesis, said that you never step into the same stream twice. Without going into a discourse on the philosophy of Heraclitus, let me say that, here at the University, things have moved so fast during the year that has gone by that 'change and development' have become the new 'constant'. Here are some of the significant developments during the year.

In the field of academics, the University launched three new Integrated Masters-cum-Doctoral Programmes: in Biochemistry, Biotechnology and Microbiology. The pioneering batch of 16 students and 4 Faculty Members seem determined to set a new benchmark for our Master's Programmes – every one of them is deeply into research and consultancy projects.

We started an integrated BCA-MCA course of study that has attracted considerable interest.

We applied to the National Council for Teacher Education to start B Ed and M Ed programmes of study from next year. We were sounded out by the government for in-service training programmes for high school teachers on a massive scale. We hope to be able to put our hands to that once we have some more infrastructure in place.

As in previous years, this summer too saw an incredibly active Azara campus of the University with an array of summer programmes organized by the various departments, virtually blurring the distinction between work days and vacation. Summer schools, summer workshops, crash courses – these have come to stay as a regular feature of life at the University.

In the area of research, the buzz word today is pervasiveness. The research culture has struck deep roots within the academic community of the University. 53.2% (92 out of 173) of the faculty have completed their doctorate, another 42 (24.28%) are actively pursuing their doctoral research in a variety of Indian and foreign universities. That is an enviable record for even well-established universities.

It is also significant that the number of Papers published in journals of repute comes to a healthy 1.6 per member of the faculty. Most of these arise out of their areas of doctoral work or research projects. It is

also gratifying to note that our undergraduate students have got into the act with several of their papers getting published.

It is also a matter of pride that we have today 218 research scholars, pursuing their doctoral studies across 17 disciplines

The tempo has picked up substantially also in the holding of seminars, conferences and workshops, 12 in a row in 2015 alone, and the year is not yet over. Our Faculty-Student ratio is a very healthy 1:9.1, much better than most of the old and established universities, and well above the requirements of the statutory bodies.

In the area of infrastructure development, at the Tapesia campus of the University, intense work is silently laying the contours of the campus of our dreams putting in place the first cluster of buildings and allied facilities in the form of an academic complex to house the five Social Science Departments together with 2 student halls (hostels), a food court and 55 staff quarters. A Bioscience Complex with ample space for a 'Sophisticated Instrumentation Lab' is also getting ready for our School of Life Sciences.

Apart from that, the tea garden has seen enormous growth and development (a tea factory-cum-research centre in on the cards); in pursuance of MOUs signed with the National Boards for Rubber, Tea, Cashew, Coconut and Spices, 2000 rubber saplings have been planted, 800 coconut seedlings are in place, a Tea nursery is under development. Next will come Cashew and Mango plantations, an orchid nursery, an arboretum, extensive cultivation of medicinal and aromatic plants and a variety of other horticultural initiatives.

The campus at Tapesia is proving to be a gold mine for the University – apart from providing us with an enviable location for academic pursuits, it is slowly developing into a nerve centre for the development of the entire region around it, especially the 42 villages that surround the campus. The plantations, in the near future, will turn into demonstration farms and seed production centres for the National Boards, research avenues for the university into pest resistance, hybridization, and mass multiplication through tissue-culture, and an excellent training platform for our social outreach programmes in the villages.

An MOU with NEEPCO (North East Electric Power Corporation) is in place to develop a 2 Megawatt solar farm to ensure self-sufficiency in energy for the University campus and to feed the surplus to the national grid. The work is in progress.

The detailed Master Plan has ample provisions for academic and administrative blocks, staff and student residences, recreational and sports facilities, utilities and services, plantations and orchards, parks and quiet corners, cycle paths and jogging trails, a bio-diversity park, an amphitheatre, a convention centre, a school and a health centre. It also calls for the creation of a lake within the campus, and makes allowance for the harvesting of rainwater to ensure adequate replenishment of the ground water table. A mini golf course, a wellness centre, a mall, are other projects on the anvil at the Tapesia campus.

In the area of quality assurance, we have the unique distinction of being the youngest university to opt for NAAC accreditation (within 5 years of establishment). We were granted a B Grade by the Visiting Peer Team that was appreciative of our vision and commitment, planning and execution of the project, and expressed their admiration for our courage to opt for accreditation in such a short time.

Our Internal Quality Assurance Cell (IQAC) has been an active catalyst in setting precise objectives to be met, monitoring and documenting subsequent performance, and always keeping us on our toes and shifting the goal posts all the time. As suggested by the Cell, currently we are engaged in an internal audit of our admission and examination processes.

A University set on very strong foundations

As a preface to the Annual Report, it gives me great pleasure to share with you a few of the core strengths that we have given close attention to in these formative years of Don Bosco University to ensure that the University is set on solid foundations:

1. We have in place a detailed concept paper that pretty much captures the vision of the university and lays out the trajectory of its growth plan... Several universities have taken our concept paper as a working document to inspire their own visioning process.
2. We have a governance structure that ensures checks and balances and speedy implementation of all decisions... The autonomy that the Government of Assam has blessed us with has been a key factor in ensuring a speedy decision making process with a scrupulous adherence to norms.
3. We have a well-oiled financial administration mechanism in place to ensure accountability and transparency with steady growth... The struggle remains, however, to find adequate resources to ensure growth with sustainability. To buttress our efforts in this line, for over an year now, we have been working on a 'sustainability plan' for the university that will be discussed shortly at a strategic planning retreat and then presented to our benefactors, funding agencies and alumni to solicit their continued assistance.
4. We have put in place a Human Resource Management system as a tool to ensure 'a shared vision, a cohesive team and an engaging work culture'... The word is out there today that Don Bosco University is a good place to study, to work and to grow. We meticulously plan and implement personal and professional development programmes for our faculty and students... Personal and professional growth are a given in Don Bosco University.

Taken together, these strengths have contributed in ample measure towards the creation of a culture in the University that is uniquely our own, that energises us in all that we do, and knits us together into one educative community. I would invite you today, "Look around our campus, look into our classrooms and research labs, look into the camaraderie among our staff, students and faculty that cuts across all distinctions here at the campus... THAT is what we call Don Bosco's system of education!"

"You can win... You can ride the wind... Don't be afraid to fly!" THAT is the theme that was chosen for the Academic Year 2015-2016. It is the dreamers and the flyers who keep propelling us all into higher orbits all the time – 'the rest,' as the poet says 'drift on the misty flats, to and fro'.

The capacity to dream, the urge to fly, the inner yearning to make a difference, learning to lean on an abiding force and a strength beyond our own (God-centredness) – these are the defining characteristics of our University and our Graduates.

The Annual Report, presented in the pages that follow, provides glimpses into the dynamics at play in the evolution of Don Bosco University into a University that is admired and looked up to for the quality and commitment of its faculty and staff, for the uniqueness and impact of its well-chosen Courses of Study, for the much-envied ambiance of a campus that is admirably suited for study and research, and for the vision and farsightedness ingrained into its founding principles.

Fr Stephen Mavelly SDB
Rector & Vice Chancellor

Assam Don Bosco University: An Executive Summary

The Assam Don Bosco University was set up by the Don Bosco Society, and it started with four academic programmes of Engineering and Technology in 2008. Today the University has academic programmes and research being conducted in five Schools: School of Technology, School of Religion and Culture, School of Social Sciences, School of Applied Sciences, School of Life Sciences and School of Commerce and Management, conducting six undergraduate programmes, twelve postgraduate programmes, and doctoral programmes in seventeen disciplines. The university has over 1500 students in its campus programmes, over 600 of them avail hostel facilities. The University Centre for Online and Distance Education (CODE), called DBU Global, has over 2000 online students pursuing study programmes in Management and Computer Applications.

Don Bosco University has evolved for itself a clear-cut vision that defines its rationale, objectives and approach that sets it apart from the Universities in India. The University aims at excellence in teaching, formation of individuals by offering support through vibrant campus ministry and making them ready for quality placements. A sustained alumni association is established to carry forward lifelong learning of the students by partnership of the students with their alma mater.

The University has also entered into a number of collaborative agreements with universities from around the world for student and staff exchange programmes and for joint research studies. The university now focuses its attention on the challenges of developing its permanent campus at Tapesia Gardens, on the outskirts of Guwahati city.

Vision

***“We strive** to mould intellectually competent, morally upright, socially committed and spiritually inspired persons at the service of India and the world.*

***We want** our graduates to be dependable human beings.*

***We aim** at excellence in the teaching, learning and evaluation process, in research, consultancy and extension programmes.*

***We ensure** a continuous and ongoing evaluation of every process in the system”*

2015-16: A Diary of Events

World Environment Day at the Campuses, 5 June



In commemoration of the World Environment Day on 5th June, 2015, the faculty and students planted neem trees on the grounds of the School of Technology, at Azara Campus. 1000 Kg of Ginger and 1200 Kg of Turmeric were planted at the Tapesia Campus of the University.

Inauguration of the Academic Year 2015-16, 30 July 2015



The Academic Year 2015 -16 with the theme ‘Don’t be afraid to fly’ was inaugurated at the School of Technology Atrium on 30th July 2015. Welcoming the students and parents to the Don Bosco Community, Vice Chancellor Fr (Dr) Stephen Mavely assured the students ‘*You can win, you can ride the wind! Don’t be afraid to fly!*’

The Chief Guest Mrs. Patricia Mary Mukhim, the Editor of Shillong Times and recipient of fourth highest Indian civilian award of Padma Shri, felicitated the Semester toppers of each department of the University. Addressing the gathering of freshers and their parents listening with rapt attention, she insisted that “talent and passion will help one to take on challenges”. Sharing her struggles in getting education, she recalled how she was barred from going to school as her mother could not pay the fees.’ Mrs Mukhim called on students to have “capacity to raise their voices for the voiceless,” and “learn to cope with conflicts and to be peace builders.”

International Conference on “Asian Values and Human Future”, 7-9 July 2015



The International Conference on “Asian Values and Human Future”, organized by the University in collaboration with Hubei University, PRC was held at the University’s Azara Campus on 7-9 July 2015. The conference commenced with an inaugural session, and included a plenary session and six technical sessions held over 3 days. A total of 21 papers were deliberated on at the conference.

Dignitaries present at the inaugural function included, Chief Justice (Acting) Guwahati High Court K. Sreedhar Rao, Minister of Culture of Assam, Bismita Gogoi, Archbishop John Moolachira of Guwahati, and former Archbishop Thomas Menampampil of Guwahati and other eminent citizens.

In the plenary session, Prof. T. Menampampil delivered the key note address and Prof. Edward J. Alam deliberated on “Role of Asia in the Quest for Global Justice”, with Prof. Corazon Toralba as the chairperson.

The first technical session, with the theme “Asian Values: A Way Forward for Human Future”, was chaired by Prof. Dhruba J. Saika, Hon’ble vice-chancellor of Cotton College State University. Three eminent scholars presented their papers, which was followed by elaborate discussions and deliberations on each paper.

The second technical session with the theme “Asian Reality and Probity in Public Life”, was chaired by Dr. Joshua Thomas, Deputy Director, ICSSR-NERC. This session witnessed brilliant presentations by a Historian, a sociologist and a Philosopher. The papers presented invited an engaging discussion.

The combined, third and fourth technical sessions with the themes “Emerging Perspectives and Transformation of Values and Fellowship” and “Fellowshipping of Cultures and Values”, were sessions chaired by Prof. Trophy D’ Souza and witnessed three research papers presented followed by elaborated discussion on the papers.

On the 9th of July, Ms. Yogini Nath, chaired the technical session on the theme, “New Age Values and Spirituality for Human Future”. Three scholars deliberated on the theme, which was followed by discussion and clarification.

The next session, with the theme, “Strident Nationalism and Identity Construction” along with three presenters and discussion, was chaired by Edward J Alam and the last technical session of the conference with the theme, “Values in Conflict Transformation” was chaired by Prof. Siddharth Singh, witnessing 4 papers and active discussions.

The conference on Asian Values and Human Future was well represented internationally with one Chinese from Macau, two South Koreans, two Malaysians, one Filippina, two Mexicans, one from Bangladesh, one Lebanese, one Thai and over thirty Indians. These representations were from 20 different Universities and 10 institutions. (There were nine Chinese participants scheduled to attend the conference who were able to arrive only after the conference).

MoA with AIT: Unified Bachelor-Master Degree Programme, September 2015



The University entered into a Memorandum of Agreement with Asian Institute of Technology (AIT), Bangkok to offer a five year ‘Unified Bachelor - Master Degree Programme (UBMDP)’, paving a new dimension of collaboration between the University and AIT. The UBMDP will be offered in 5 branches of Engineering – Civil, Mechanical, Computer Science and IT, Electrical & Electronics, and Electronics & Communication Engineering.

Some key features of the Unified Programme are:

- The duration of the programme will be 5 years.
- Students who are admitted to this programme will spend the first 3.5 years at Assam Don Bosco University and the remaining 1.5 year at Asian Institute of Technology.
- Students will be awarded their Bachelor’s Degree by Assam Don Bosco University and a Master’s Degree by Asian Institute of Technology, both only at the end of 5 years, upon fulfillment of the requirements of each.
- Students admitted to the Unified Programme will be advanced to the second phase at AIT on completion of 6 semester at Don Bosco University as well as passing the English Language Test to be conducted by AIT.

- Students will be eligible to compete for AIT tuition fellowship in the 5th year, based on their performance at AIT till 8th Semester.

Video Conference on National Digital Library, 3 Feb 2016



The Ministry of Human Resource Development (MHRD), Government of India, under its NMEICT mission, has entrusted IIT Kharagpur to host, coordinate and set-up a pilot project of National Digital Library (NDL) towards building a national asset. The Vice Chancellor, Fr. (Dr) Stephen Mavelly along with the Pro Vice Chancellor, Fr. Joseph Nellanatt, Registrar, Prof. Basil Koikara and the University Departmental Heads and Librarians attended the video conference on 'Digital Library' conducted by IIT Kharagpur on 3 February 2016.

Prof. Partha Pratim Chakrabarti, Principal Investigator and Director, IIT Kharagpur and Prof. Partha Pratim Das, Joint Principal Investigator and Professor, Computer Science & Engineering, IIT Kharagpur addressed the heads and librarians of various institutions and also answered questions raised by the participants. The Video Conference, attended by all the institutions and universities connected on NKN was held as per the instructions given by Shri R. Subrahmanyam, Addl. Secretary (TE), MHRD, who spearheaded the program on the forthcoming launch of National Digital Library (NDL).

The University welcomes Professors from Stanford University, 29 February and 5 March 2016



Two eminent Professors of Stanford University, USA, visited the University's Azara Campus and Tapesia Campus, and interacted with faculty members and research students. On 29th February 2016, Prof. Aynur Unal, who is a high profile semiconductor manufacturing supply chains professional of Silicon Valley, visited the University. She had worked at Siemens, LSI Logic and Flextronics as an executive for global manufacturing information systems and has been a principal consultant with Dubai Internet City and

Konya Teknokent amongst others. Most recently she has been bringing in the social responsibility dimension into her incubation and innovation activities by getting involved in social entrepreneurial projects on street children and ageing care. She is also the Strategic Adviser for Institutional Development to IIT Guwahati. During her interaction with Assam Don Bosco University officials, she laid stress on open innovation. She lauded the efforts of the Nanotechnology group of the University under the leadership of Prof. Sunandan Baruah in developing customized instruments for research and also coming up with innovative products.

5th March saw another visitor from Stanford University, Prof. Arogyaswami Paulraj, who is an Emeritus Professor at Stanford. Prof. Paulraj has over 30 recognitions which include the 2014 Marconi Prize and the 2011 IEEE Alexander Graham Bell Medal. He is a member of seven national academies including the US National Academy of Engineering, the Royal Swedish Academy of Engineering Sciences and The World Academy of Sciences and also is a fellow of IEEE and AAAS. He has received a number of recognitions in India including the Padma Bhushan, the nation's third highest civilian honour. He is known as the Father of MIMO-OFDMA used in 4G technology. Apart from meeting the Vice Chancellor and other officials of the University, he also interacted with the faculty members and Masters and Doctoral students of the School of Technology. In his interaction with the students, he mentioned that the key areas that will make an impact in the near future include Biotechnology, Information Technology, Nanotechnology and Alternate Energy. He also visited the Nanotechnology labs and interacted with the members of the Nano group of the University. He said that he is "very impressed with the work done by the group" and assured them of his guidance and support.

School of Technology

*Masterful blend of theory and practice
Student exchange and semester abroad programmes
Live industrial projects under expert supervision
Research collaboration with national and international universities
Incubation, innovation, creative thinking
...for socially committed and groomed technocrats*

Two-week ISTE Short Term Training on Environmental Studies, 2-12 June 2015



The University was selected as a host Remote Centre of IIT Bombay and IIT Kharagpur for a two week short term training programme called 'Empowerment of Students and Teachers through Synchronous and Asynchronous Instruction', held during 2-12 June 2015. This initiative is a part of the 'National Mission on Education through ICT,' supported by MHRD. Faculty members from Assam Don Bosco University, Assam Engineering College, Royal Group of Institutions, Tezpur University and Rangia College participated along with 4000 other participants from across the country through various remote centers. Topics covered during this short term training included Sustainable Development, Ecology, Biodiversity, Natural Resources (food, water, energy, forest), Environmental Pollution, Social issues and Environment, Ethics, Economics and Global Climate Change.

Five-day Workshop on Big Data Developer, 1-5 May 2015



The Department of Computer Science Engineering & Information Technology held a 5-Day Workshop on Wrox Certified 'Big Data Developer' at the Azara campus from 1-5 May 2015. It is designed to introduce professionals aspiring to make a career in Big Data Analytics to Hadoop Framework, the workshop focused on important components of Hadoop like MapReduce, PIG and ETL Process, HBASE, HIVE, SQOOP and R. The Pro-Vice Chancellor, Fr Joseph Nellanatt inaugurated the workshop, the first workshop of its kind in Northeast India. The workshop was facilitated by Dr. Subkarajyoti and Dr. Biswajyoti Kar of Data Brio Academy, Kolkata.

Summer Workshop on Web Applications Development (NSIWAD 2015), 1-13 June 2015



The Department of CSE & IT in technical collaboration with Technodata Solutions conducted a 13 day 'National Level Workshop cum Summer Internship on Web Applications Development' from 1-13 June, jointly coordinated by Dr. Bobby Sharma and Mr Rupam Kumar Sharma. The workshop aimed at exposing the participants to advanced tools and technologies in designing and developing professional web applications, using Java, JSP, PHP, Python, JavaScript and JQuery, etc. They also interacted with senior architects from ORACLE (Mr Opendra Singh) and other ICT Companies.

Electrical and Electronics Engineering Students Lauded for Energy Project, 23-24 April 2015

Nine students from Electrical & Electronics Engineering Department of the School of Technology, participated in the Fifth IEEMA Eastern Regional Summit, "Konnnect North East & Beyond" organized by the Indian Electrical and Electronics Manufacturers' Association (IEEMA), held at Maniram Dewan Trade Centre, Guwahati on 23rd and 24th April, 2015.

Three different projects exhibited under the guidance of Mr. Jesif Ahmed, Assistant Professor, EEE department included: (a) "PC cum Android Mobile based Electrical Appliances Control – Both Wired and Wireless" by Abhijit Talukdar, Kailash Laishram, Kime Tayu; (b) "Centralized Monitoring And Controlling of Electrical Loads in Residential or Industrial Campus" by Bhaskar J. Das, Rintu Tamuli, Biraj Mohanand (c) "Electricity Generation from Garbage Using Microbial Fuel Cell" by Himanshu Buragohain, Mridul Haloi and Nilutpal Muchahary.

In another event, the students participated in a 2-day workshop entitled '**emPOWERing Make in India**' with the Utilities of NE States and IEEMA top officials, during the summit.



Training on FOSS, 29-30 May 2015



The Department of Computer Science & Engineering and Information Technology, School of Technology, organized a two-day 'Training on Free and Open Source Software (FOSS)' on 29-30 May 2015.

The primary objective of the programme was to promote FOSS and to create awareness about the benefits of using free and open software rather than proprietary software that are so expensive. The training provided an opportunity for the participants to explore new developments in Linux and other open source software. With over 40 years of development since inception, Linux has become a powerful, robust, stable, and flexible system that allows programmers to tailor the operating system to run on a variety of hardware from phones to supercomputers.

Swabalamban.. a commitment to impart practical skills to local youth, 23 November - 3 December 2015

Three Departments of the University joined hands again in organizing a job-oriented training programme for educated unemployed youth of the neighbourhood of the Azara Campus of the university. Into its second year, the *Swabalamban* Programme this year, once considered boys only domain, had 40 per cent women registering for skills training in electrical house wiring and in assembling, installing and maintaining inverters.



While the Social Work department of the university mobilized the youth by disseminating information to the villagers, selecting the trainees and following up on the post training activities; the Electronics and Communication Engineering department trained students in assembling simple inverters, as well as in their installation and maintenance; and the Electrical and Electronics Engineering department trained participants in electrical house wiring. The free training program, conducted in collaboration with Azara Gaon Panchayat in one of University's 39 labs at Azara campus from 23 November - 3 December, was sponsored by a US based Non Resident Indian NGO called OAKOKHO (<http://www.oakokho.com>.) OAKOKHO is an initiative started in 2013 by few Assamese settled in USA to make Assamese language, art and culture available and popular over the internet. The group also encourages and inspires talents from Assam and North East region in different fields of creative works ranging from literature to photography, web development to science and technology.

Workshop on ARDUINO and RASPBERRY PI, 19-20 September 2015



The Department of Electrical and Electronics Engineering organized a two day workshop on ARDUINO and RASPBERRY PI (WAR-2015) on 19-20 September 2015. Prof. Durlav Hazarika, Department of Electrical Engineering, Assam Engineering College, Guwahati, and Prof. Shakuntala Lashkar, Head of the Department of Electronics and Electrical Engineering, Assam Don Bosco University, animated the workshops. The first session was conducted by Mr. Gitu Das, Asst. Professor, Department of Electrical and Electronics Engineering, Assam Don Bosco University. Explaining the basic procedures for working with ARDUINO, he also gave a demonstration on interfacing of LED, LCD, motors and other peripheral devices with ARDUINO. Participants were exposed to a practical hands-on experience, aimed at fostering practical skills in this domain. The Second Session was conducted by Mr. Jyoti Kumar Barman, Asst. Professor, Department of Electrical and Electronics Engineering. Mr. Barman illustrated the setting up of Raspberry Pi with laptops and other peripherals. The training also included a series of practical sessions on controlling different appliances using Raspberry Pi. A total of 30 B Tech and M Tech students from the departments of Electrical and Electronics Engineering, Electronics and Communications Engineering and Computer Science Engineering and IT benefitted from the workshop.

Workshop on Image Processing using MATLAB, 7- 8 October 2015

The Department of Computer Science & Engineering and IT conducted a hands-on online training on 'Digital Image Processing using MATLAB' on 7 - 8 of October, 2015. Two eminent resource persons, Dr. Ramesh Manza and Dr. Pravin Yannawar, from Dr. Babasaheb Ambedkar Marathwada University, Maharashtra, conducted the workshop. In this training, emphasis was placed on hands-on practices using MATLAB for various digital image processing techniques. The practical training was coordinated by Ms. Gypsy Nandi and Ms. Usha Mary Sharma under the guidance and support of Dr. Y. Jayanta Singh, Head of the Department of Computer Science Engineering and Information Technology. The two-day workshop was attended by the final year students of MCA and B Tech



Dataquest T-School Award for the University's School of Technology, 23 September 2015



The University's School of Technology has been honoured with 'Student Excellence among Private Institutes in the East Award' by Dataquest at T-School Conference and Award Function held at Jacaranda Hall, India Habitat Center, New Delhi, on 23 September, 2015. Dataquest T-School Awards are given on the basis of Dataquest-CMR T-School Survey 2015 in which all the leading engineering institutions from all over India participated. The awards ceremony recognizes excellence amongst technology schools on various parameters including placements, infrastructure, alumni, industry interface, HR scores, academic environment and more. Receiving the award on behalf of the School of Technology was Ms Mumtaz Begum from DBU Global – Online and Distance Learning wing of the University.



Workshop on FOSS for Colleges in Assam, 2 December 2015

The University organized a training workshop for representatives from colleges in all 27 districts of the State of Assam on 2 December 2015. The initiative was supported by the Directorate of Higher Education, Assam by sending representatives from 43 government approved Colleges in the state. After promoting FOSS right from the start of the university since 2008, it is a dream come true for us to host faculty from colleges representing all 27 districts of the state," said Pro Vice-Chancellor of Don Bosco University, Fr Joseph Nellanatt, a FOSS apostle.

"This is the first of its kind programme in the state and we can be a role model for other States," said Deputy Director of Higher Education, Government of Assam Mrs. Chinmoyee Talukdar addressing the

gathering of some 70 academicians. The Vice-Chancellor, Dr Stephen Mavelly, had words of praise for the Department of Computer Science & Engineering (CSE) and Information Technology, for organizing the one-day Training in FOSS, at its Azara campus and thanked IIT Bombay Spoken Tutorial Team for their active collaboration over the past five years in promoting FOSS. Among resources persons were the National Coordinator - Training, IIT Bombay, Ms. Shyama Iyer, and Executive Officer and Training Coordinator, IIT Bombay, Ms. Akanksha Saini. Sessions included lectures on Spoken Tutorial project, Linux Operating System basics and installation, and hands on sessions in LibreOffice. At the end of the workshop, besides certificates of participation for all participants, all 27 knowledge centers received ample materials on FOSS as well as DVDs with Spoken Tutorials on a variety of topics. The Spoken Tutorial Project is about teaching and learning a particular FLOSS like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/ C++, Libre Office etc. via an easy video tool – Spoken Tutorials.

Survey Camp - Civil Engineering, 7-12 December 2015



The Department of Civil Engineering organized a one week survey camp for the 5th Semester students of Civil Engineering, 7-12 December 2015. The camp was held at an open area of 20 acres belonging to STD Brick Industries, near the Azara Campus of the University. Over 60 students took part in learning different surveying techniques through various activities under the guidance of Mr Anup Koushik Sharma, Assistant Professor, Department of Civil Engineering, and the Laboratory Assistants of the Department.

The participants went through hands-on experience in using theodolite, cross staff, levelling staff, tapes, plane table and total station which they had learned in theory. The survey camp aimed at equipping the participants with the necessary set of skills to enable them to follow effectively the field procedures required for mapping/alignment of a survey project. During the camp, the participants were also required to compile data captured throughout the camp for further interpretation and analysis, and to later prepare drawings and reports based on the same.

National Youth Day Celebration, 12 January 2016

12 January 2016 marked the 153rd Birth Anniversary of Swami Vivekananda, a renowned patriot of our country and this day is celebrated all over India as the National Youth Day. In commemoration of this event, the University paid humble tribute to Swami Vivekananda by holding a special assembly in fond remembrance. The programme began with a short speech on the life and teachings of Swami Vivekananda by Asst. Prof. Nabamita Das, who said, “Vivekananda believed in education by which character is formed...strength of mind if increased, the intellect is expanded by which one can stand on one’s own



feet’. This was followed by readings from the *Complete Works of Swami Vivekananda* by the students of the School of Technology – Chinmoyee Neog and Abhijit Talukdar. The programme ended with the rendering of a devotional song – *Man Mei Takat...Dil Mein Himmat* by Senior Asst. Prof. Bikramjit Goswami. Posters on the life and contributions of Swami Vivekananda were displayed in the atrium by the students of the School of Life Sciences.

National Conference - EGTET 2016, 26-27 February 2016



The second national conference on ‘Emerging Global Trends in Engineering and Technology’ (EGTET) was held at the University on 26-27 February, 2016. Scholars and researchers from 17 institutions participated in this Conference and discussed latest developments in the various branches of engineering and technology. The Conference is the 7th National Conference organized by the School of Technology since its inception.

Dr. Dharma Ranjan Das, Advisor, Ministry of Renewable Energy (North East Section), Government of India, was the Chief Guest at the inaugural function. Over 70 scholars, scientists and technocrats from across the country participated in both paper and poster presentations held during the two-day conference. Speaking about the importance of interdisciplinary research at the opening function, the Vice Chancellor Fr. (Dr.) Stephen Mavely said, “Though Nobel prize will continue to be awarded to researchers of pure science, human life will be better served by inter-disciplinary research”. At the plenary session, the invited speaker Prof. S.C. Mehrotra spoke on the coming crisis in India in the areas of healthcare, clean water for all, quality education, providing food for everybody, generating energy at low cost and making our cities and villages free from air pollution, water crises and violent crimes. “Only technology can help to solve these problems,” said Prof. S. C. Mehrotra. He is a former Srinivasa Ramanujan Geospatial Chair Professor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra. There were 5 sessions, 23 oral presentations and 17 poster presentations, all focusing on the initiatives that promote research and developmental activities in the disciplines of Computer Science Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Civil Engineering and Basic Sciences. “The findings from the conference could contribute practical

implementation of different development policies and also in the economic transformation of the region. It was a great platform for exchanging the know-how technologies and new findings” said the Convener and HOD, Department of CSE & IT, Prof. Yumnam Jayanta Singh.

AmazingNano – 2016, 1-6 February 2016



The Electronics & Communication Engineering Department of the University in collaboration with the Department of Physics, Tezpur University, successfully conducted a week-long workshop on Nanotechnology titled ‘amazingNANO-2016’ from 1-6 February 2016. The workshop was the second in the series (the first being ‘imagineNANO-2015’ held last year) and was organized to provide a unique platform to the young and enthusiastic researchers especially from the north eastern part of India. It aimed at getting the participants initiated into the latest in Nanotechnology from around the world, through natural analogies, theoretical concepts, practical sessions and logical analysis. Among the experts in this field who gave lectures during this Workshop were Prof. Sunandan Baruah of Assam Don Bosco University, Dr. P. Deb, Dr. G. Ahmed and Dr. S. Das from Tezpur University; Prof. Utpal Bora from IIT Guwahati; Prof. Pranayee Dutta from Gauhati University; Prof. Louis Hornyak from Asian Institute of Technology, Bangkok; Dr. Hassan Jafri from Uppsala University, Sweden; Prof. Achintya Bezbaruah from North Dakota State University, USA; and Dr. Pankaj Thakuria from Forschungszentrum Jülich, Germany. The participants included students and researchers from Gauhati University, North Eastern Hill University and Assam Don Bosco University. The participants had ample opportunities to interact with renowned research persons in different areas of Nano-science and Nano-technology. The Vice Chancellor, Fr. (Dr.) Stephen Mavely, while giving out the certificates in the valedictory function, expressed his appreciation for the initiative taken by the organizers of the workshop and hoped that ‘North-East India excels in research in nanotechnology’.

A 3-Day Entrepreneurship Camp, 28-30 January 2016

A 3-Day Entrepreneurship Awareness Camp was organized by the School of Technology from 28-30 January 2016 at Azara Campus with an aim to nurture the young minds of the university to become not only job seekers but job providers, to have skills and the courage to break away from tradition and indirectly support freedom by reducing dependence on obsolete systems and technologies. During Inauguration, Fr. Joseph Nellanatt addressed the participants and invited guests, highlighting how the timing is perfect for going deeper into entrepreneurship awareness programmes as Central Government has also recently come up with an initiative ‘Start Up India, Stand Up India’, geared towards encouraging entrepreneurship in the country. The keynote address was delivered by Prof. S. K. Kakoty of IIT Guwahati, who is also an acting Co-ordinator of RUTAG-NE. Prof. Kakoty spoke on the importance of innovation in entrepreneurship and said ‘every person has an innovative mind but some use it to develop a



venture and some do not'. He said entrepreneurship is 'the capacity and willingness to develop, organize and manage a business venture, and a combination of technical as well as managerial knowhow'.

The first technical session presided by Mr. Biswajit Chakrabarty, Head, FICCI, North-East Council focused on the opportunities that are available in NE India for entrepreneurs to explore.

The second technical session dwelt on 'Opportunity Selection Framework and Opportunity Identification through investigation of the environment', and it was presided by Dr. Rashmita Barua of Don Bosco University. The third technical session focused on 'encouraging the participants to take risks in entrepreneurship' and it was chaired by Asst. Prof. Victor Narzary from the University's School of Social Sciences. The last session of the day was conducted by two eminent entrepreneurs of the state. Mrs. Atreyee Barooah Thekedath, Founder Director, Web.Com India and Mr. Arindam Hazarika, Founder Director, Arohan Foods who interacted with and shared their experiences. Both the entrepreneurs emphasized on the need to have perseverance to embark on a new venture. The second day of the camp was dedicated towards familiarizing the participants with the practical aspects of industries. The participants visited Supreme Industries and Varun Beverages. The Training and Placement Officer, Mr. Shanowaz Hussain chaired the third and final day session, where participants learned the intricacies of starting an SSI Unit and the distinction between Micro, Small and Medium Enterprises

Symposium on Electrical Machine Design, 4 March 2016



The Department of Electrical and Electronics Engineering (EEE) organized a symposium on 'Electrical Machine Design' for the EEE students with an aim to boost the knowledge and

understanding of the students in this area, 4th March 2016. Prof. P.K Bordoloi, HOD of Applied Electronics and Instrumentation Engineering Department, GIMT delivered the technical talk.

The talk began with the basics of electrical machines, their principles, classifications, importance and depth of the knowledge on Machine Design and went on to the specifications of different types of machines and their applications in various fields. Electrical Machines is considered as one of the core areas of Electrical Engineering and Electrical Machine Design is an important area of learning in Electrical Machines.

School of Humanities and Social Sciences

Co-operative learning, innovation and critical thinking

Formulation of action interventions

Lively cultural pluralism

Mastery of tech-skilling and convergent media

...for motivated and grounded social transformers

International Student Volunteer Exchange Programme, 14 June 2015

The International Student Volunteer Exchange Programme of University College Dublin Volunteers and



Don Bosco University Volunteers was inaugurated at Kachari Lower Primary School on 14th June 2015. The 3 hour inauguration programme was attended by the village leaders - Mr. Manik Boro, the Headman, Mr. Durgashewar Boro, the School President, Mr. Carols Topno, Adivasi Community Secretary, Dr. Riju Sharma, Head and Director of School of Humanities and Social Sciences along with local children, youth, and parents.

The programme was organized by 21 Volunteers working in two villages around the Tapesia Campus of the University for a month. They took up the tasks of re-innovating the Anganwadi Centers, improvement of community relationships, teaching English language to the village children, organizing of puppet shows, street plays to create awareness on issues related to hygiene, health, education and harmful effects of alcoholism.

Field Study Trip – Department of Mass Communication, 27 May – 7 June 2015



Students of Mass Communication went on a field study trip to various towns and cities including Kolkata, Darjeeling, Bigha, Mirik and Bandel, 27th May – 7th June. Interacting with entrepreneurs in the field and outstanding personalities in the media world, the students got an exposure to the day to day realities of media production and dissemination. The study tour included also various academic activities, such as, compiling

a photo journal of the trip, making a video documentary on media issues, and writing feature articles on their experience in local and national papers and magazines.

Summer Workshop on Personality Development (Empowering Personal Change) 1-2 June 2015

A two day workshop aimed at empowering personal change was organized by the Department of Psychology and counselling on 1-2 June 2015, conducted by Ms Loya Agarwala, Counsellor and TPD Consultant and a Guest Lecturer at the University. Starting with an 'Emotional Intelligence Appraisal Test (EIAT)' at the beginning of the workshop, the exercise took them deep into some of the core areas in personality development - Self Awareness, Self-Management, Motivation, Social Awareness (Empathy) and Relationship Management.



3-Day Workshop on Project Cycle Management, 11-13 May 2015

A 3-day workshop on 'Project Cycle Management' for the final year MSW students was held on 11-13 May. The workshop entitled, "Project Cycle Management: A Results Based Approach," aimed at building the skills of the outgoing 47 MSW students in project management.

"Most academic institutions while preparing students for social work stress too much on theory and field work, often neglect important components of social work - project planning and management," said the resource person Dr. Lukose Jacob, who conducted the workshop.



Associate Professor of the Department of Social Work, Dr Lukose conducted the workshop for almost 12 hours a day with hands on training for project planning and writing. Beginning at 9:00 a.m., the program ran into late night with breaks for lunch, tea and dinner. Students were trained in project identification through a process of situational analysis and problem tree analysis which helps to design the project. Following the logical framework approach, the students were taught Input-Output-Outcome-Impact Indicators, Means/Source of Verification and Assumptions. The sessions were followed by project budgeting, monitoring with specific performance indicators, and evaluation which would gauge effect-impact.

National Conference on 'Quality in Media Education in India', 2-3 November 2015

National Conference on 'Quality Configuration for Media Education in India' was held on 2-3 November 2015 at the Azara Campus of the University. The conference was organized by the the Departments of Education and Mass Communication in collaboration with Mizoram University's Department of Mass Communication. The Governor of Mizoram, Lt. General (Retd.) Shri Nirbhaya Sharma, inaugurated the Conference in the presence of Fr. Stephen Mavely, Vice-Chancellor of Don Bosco University and Prof.



Dhruba Jyoti Saikia, the Vice Chancellor of Cotton College University and Dr. Ajit Pathak, Chairman, Public Relations Society of India and General Manager of Indian Oil Corporation.

“The prime point of the day is to refine the media education in India to meet the ever-changing demands of the profession by making it relevant and industry-oriented,” said Chairman of the conference Prof. K. V. Nagaraj from Mizoram University and (Former) Pro Vice-Chancellor of Assam University, Silchar. Dr. Paul Pudussery, the Convener of the conference and Head of the Department of Education, Don Bosco University,

explained, “Given the status and standard of media education in the country, despite an enormous increase in institutions of media education, time has come for media professionals and academia to redesign, revamp and refurbish the portfolio, by altering the system protocol, for a meaningful future.”

Among some 180 participants at the conference were delegations from Mizoram University (33), University of Madras (39), Rajiv Gandhi University from Itanagar (6) and scholars from around the country. Apart from inaugural session, the conference had 3 plenary sessions and 7 technical sessions during which some 50 papers out of 100 plus abstracts received were presented.

A Pre-Conference Colloquium for students and research scholars was held on 31st October on the theme ‘Media, Culture and Society’. The colloquium was inaugurated by Prof K V Nagaraj and saw the presentation of 12 papers from Don Bosco University and 11 from the University of Madras.

Swastyayan... a commitment, 7 September 2015

The on-going evening class cum coaching for the children of the neighbourhood reopened on 7th September 2015. The programme was launched in 2013 with 12 children who are all now enrolled in Colleges. Manned by volunteers from the University (staff and students), it is gratifying to note that every one of the beneficiaries of these classes have been passing in their high school examinations year after year. While in the area of academics the classes focus on English, Maths, Science, and Social Sciences, orientations and counselling on career, workshops on health and hygiene, inputs on social etiquette and personality development form integral parts of this extension venture of the University. The University has also opened a Community Counselling Centre at the School of Technology, Azara Campus for the Azara locality.

Counsellors’ Meet cum Workshop, 19 - 20 September 2015



The Department of Psychology and Counselling completed 3 years on 12th of September, 2015. Celebrated its Foundation Day, the Department organized a two day Counsellors' Meet cum Workshop on 19 - 20 September, 2015 at the Azara Campus.

It was attended by eminent psychological counsellors of Assam. In his welcome speech, Fr. (Dr.) Stephen Mavely, Vice- Chancellor emphasized on 'training more students in the discipline of psychology to promote respect for those suffering from mental problems and to foster a society which is mentally sound'. Dr. Sangeeta Goswami, President, MIND INDIA delivered a lecture titled 'Scenario of Counselling in North-Eastern States of India' followed by a vibrant discussion on the developments and future of Counselling in this part of the country. Dr. Riju Sharma, Director, School of Humanities and Social Sciences, proposed the formation of a North-East Counsellors' Association (NECA) to serve as a platform to develop the profession of counselling in the North-East. The Foundation Day's celebration was followed by a two day workshop entitled "Skill Based Workshop for Counsellors on Psychological Assessment of Child and Adolescent". The workshop was facilitated by Mr. Ranjan Kumar, Clinical Psychologist currently working in Lokopriya Gopinath Bordoloi Regional Institute of Mental Health, Tezpur; and was attended by 34 participants from Don Bosco University, Gauhati University and few School Counsellors working in Guwahati, Jorhat and Jagoirad.

World Mental Health Week, 3 – 8 October 2015



With an aim to create awareness about mental health issues, both within and outside the University campus, the Department of Psychology (Psychological Counselling) organized various activities to mark the World Mental Health Week. This year's theme was 'Dignity in Mental Health'. The students displayed creative posters at the atrium, with each poster having a touch of humour to convey the importance of mental health highlighting possible risks and precautions to be taken. Two organizations working for people with mental disabilities, namely Sishu Sarothi and the Missionaries of Charity, were invited to display and sell various handicrafts made by

their inmates as part of their rehabilitation.

The week long programme concluded with the students of Psychological Counselling animating the Morning Assembly on 10th October, and the screening of a documentary film and an awareness drive among the high school students of the neighborhood.

Workshop on Project Cycle Management, 5 - 9 October 2015



The Social Work Department held a 5-day Project Cycle Management (PCM) workshop at its Azara campus from 5 - 9 October. The programme attracted 19 participants including field officers from northeast India as well as neighbouring States of West Bengal and Bihar. "PCM is the process of planning, organizing, coordinating, and controlling of a project effectively and efficiently throughout its various phases, from planning

through execution, then completion and review to achieve predefined objectives or satisfying the project stakeholder by producing the right delivery at the right time, cost and quality,” said resource person and coordinator of the workshop, Dr. Lukose Jacob.

World Philosophy Day 2015, 4 November 2015



The University celebrated World Philosophy Day on 4th November with focused presentations and discussions on the national scenario on human rights and on the need for probity in public life. “As a university community we are committed to providing a forum for healthy and open debate on matters of social relevance– in provoking thought and discussion having their impact on policy making,” said Vice-Chancellor Dr. Stephen Mavelly, inaugurating the World Philosophy Day commemoration. The two hour event sponsored by Indian Council of Philosophical Research (ICPR), New Delhi, witnessed two renowned academicians speaking on pertinent issues plaguing India today.- Dr. Prasanjit Biswas of North Eastern Hill University, Shillong who spoke on

‘Human Rights and Child Rights and their Violation with Reference to North East India,’ and Dr. Sanjeeb Kakoty of Indian Institute of Management, Shillong, who dwelt on ‘Probity in Public Life and Corruption.’ Dr. (Fr.) Francis Fernandez, Controller of Examinations, chaired the session attended by some 150 Masters level students of Social Work, Human Rights, Education, Psychology, and Mass Communication. Speaking on the basic assumptions of human rights Dr. Biswas said, “Self-determination is a moral and ethical concept which gives a person complete ownership upon oneself based on human freedom.” He insisted, “The very notion of being human and democratic hold together.” Speaking on probity in public life Dr. Sanjeeb Kakoty insisted on “honesty and integrity that people holding public offices must have.” Highlighting what one individual and concerned young person could do to rectify the degenerating situation Dr. Kakoty called on the social media generation “to make use of social media, on which young people spend a conservative estimate of four hours a day, as an effective tool to fight corruption” by naming and shaming corrupt officials. “We need to demand probity and to get probity,” said Dr Kakoty, a Bosconian and an alumnus of St. Anthony’s College Shillong.

Workshop on Personality Development - Communication Skills, 8-9 December 2015

The department of Psychology and Counselling organized a two-day workshop on Personality Development with a special focus on ‘Communication Skills’, 8-9 December, 2015 at the School of Technology’s Auditorium. The resource person for the workshop, Ms Loya Agarwala, Counsellor and Total Personality Development Consultant, is a well-known professional trainer in this field, and also working at the University as a Visiting Counsellor. Addressing the participants at the inaugural function of the Workshop, Ms Loya said, “Effective Communication skills play a crucial role in honing one’s personality. People with great communication skills tend to have a



better and impressive personality than those who have problems in communicating as interacting with others is not a challenge for them. Individuals with effective communication skills can easily converse with other people around be it their fellow workers, peers, family and so on. Effective communication skills strengthen the bond among individuals”. During the workshop, participants were taken through a series of communication practices, games, role plays.

Workshop on ‘Community Radio’, 11 January 2016



Prof. Kandarpa Das, Founder-Director of Community Radio, ‘Radio Luit Guwahati’ addressed the faculty and students of the School of Social Sciences at Azara campus on Community Radio, January 11, 2016. Prof. Das insisted that “Community Radio is a powerful medium to give voice to the voiceless and programmes are planned and designed to ensure maximum participation of the community members”. After explaining in detail the various aspects of starting a community radio in the context of an educational institution Prof. Das encouraged both faculty and students to exploit the medium of community radio and come up with programmes of social relevance to the

community.

The students and faculty had a vibrant interactive session when they clarified various doubts regarding the medium and programming for it. The University’s Mass Communication Department students prepared and broadcasted seven radio programmes last November with Radio Luit.

Orientation Programme on Neuro Linguistic Programming, 8 February 2016

The Department of Psychology and Counselling in collaboration with MIND India organized an Orientation Programme on Neuro Linguistic Programming (NLP), 8 February 2016. The workshop aimed at transforming and helping the participants to have a better understanding of what NLP is all about and how it can help a person to think more clearly, communicate more effectively and acquire skills and attitudes to do things better.



Dr. A. Abraham, Director and Life Coach, Mindmasters, animated the programme where 64 participants from Gauhati University, Handique Girls College, University of Science and Technology – Meghalaya (USTM), NES College, Sarla Birla School, Sanskriti Gurukul and Don Bosco University attended the day long programme. Stressing on the importance of NLP, Dr. A. Abraham said, “NLP is a lot like love, you don’t spell it out, you feel it. It is experiential and therefore is not possible to teach online...It helps you realize the importance of being in the present to be the best you can be”.

School of Commerce and Management

Seamless fusion of theories and ground realities

Self-help modules and holistic development

Job creation and entrepreneurial skills

...for ethically rooted, socially committed, innovative entrepreneurs

Digital India Initiative 4 July 2015



Heeding Prime Minister Narendra Modi's call to hold digital India Week, Assam Don Bosco University organized a program at its DBIM campus on July 4. A total of 200 students, besides MBA students, joined the hour-long program consisting of speeches and digital presentations.

Introducing the program, Pro Vice Chancellor Fr Joseph Nellanatt highlighted the importance the University gives "to bridge the digital divide especially by making Free and Open

Source Software (FOSS) accessible through easy to learn Spoken Tutorials promoted by IIT Bombay."

"Digital IT is power to share and collaborate," said Chief Guest, Mr. Dinesh Pegu, Managing Director of Assam Electronics Development Corporation (AMTRON) speaking on the Government's point of view. Mr. Anwar Shirpurwala, Executive Director, Manufacturers Association for Information Technology (MAIT) spoke on collaborating with the Digital India Mission. He called on students to come forward and be part of the Research Unit of Digital India Action Group. Mr. Vjiay Prasad, Asst. Professor, at ADBU Department of Computer Science & Engineering & IT gave a presentation on practical learning aspects of Spoken Tutorial in helping students learn several Open Source Software.

Inauguration of the Academic Year, 6 July 2015



The DBIM academic year of 2015-2016 was inaugurated on July 6 by the Chief Guest, Mr. Subramanian Ramadorai, Adviser to the Prime Minister of India and Chairman of the National Skill Development Council, the guest of honor Mr. Ranjit Barthakur, Adviser to the Chief Minister of Assam, and Fr. Joseph Thelekkatt, former Principal of Don Bosco School Guwahati.

Fr. Johnson Parackal, Rector DBIM, welcomed the distinguished guests and laid the platform for the rest of the program which included a group song of the 2nd year MBA students.

Mr. S Ramadorai, in his speech, applauded the effort put in by DBI in training students not only in skills development but also in management training. He talked of how important it is in the present day context to map the gap between knowledge acquisition and implementation of the acquired knowledge.

NLP sessions for 2nd year MBA students, 17-18 July 2015



Prof. Jacob Raju, a NLP business coach licensed by International Society of Neuro-Linguistic Programming (NLP), conducted a two day workshop on Skills for Excellence, NLP Marketing Skills, Effective Communication, Leadership and Personal Excellence, Restructuring Negative Belief, Self-Awareness and Emotional Choice, Stress management and Relaxation, Hypnotherapy for Personal Change, Behaviour Based Interviewing Skills, etc. The session also required the MBA students to undertake a computer based self-assessment test on the first day. The second day saw Prof. Jacob elaborating on how students can enhance their skills further based on the test results.

Teachers' training – Al Ameen Islamic Model School, Goroimari, Chaygaon, 23 – 25 July 2015

The management faculty has been providing quality service as resource persons for the various training programs conducted at DBI at various times. As part of the aforesaid contribution, the MBA faculty conducted sessions on “Change Management”, “Modern Teaching Aids” and “Efficient Administration” for the teachers from Al Ameen Islamic Model School, Goroimari, from July 23-25, 2015. The entire program was a three day program managed by the Education Department at Don Bosco Institute.

NTPC sponsored training for MeECL and APDCL, August 12 and August 26, 2015

NTPC Limited conducted one-day training programmes on behalf of Meghalaya Energy Corporation Limited (MeECL) and Assam Power Distribution Corporation Limited (APDCL) on August 12 and 26 respectively. The Meghalaya training was organized at Human Resource Development Institute, Umiam, Meghalaya and the Assam training was organized at Human Resource Development Institute, Narengi, Guwahati.

Mr. Bikash Kalita and Mr. Chandan Dutta conducted the day long programmes on "Attitude Competency", "Personality Development" and related soft skill development topics. The participants were senior and mid-level officers.

UNESCO MGIEP's youth consultation with MBA students, 1 Sept 2015

On September 1, 2015, twelve students were nominated from the first and second year MBA batch to attending the focus group discussion on UNESCO MGIEP's youth consultation on the new education policy in India, 2015.

The discussion was based on questions and answers on education. It was an interactive discussion where the UNESCO and DBIM teams shared their views and ideas concerning education in our country and our region. At the end of the discussion our students received a certificate of participation each from the UNESCO MGIEP.

DBIM Excellence Award, 3 September 2015



Don Bosco Institute of Management solemnized the annual DBIM Excellence Award on September 3, 2015 at the picturesque campus in Kharghuli, Guwahati. The 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 DBIM Excellence Award 2015 was awarded to Mr. Hans Darius Nongsiej, Mr. Jose Ayyankanal and Mr. Tanmoy Ray, for their excellence in academics, social commitment, leadership skills and overall conduct. Among the graduating students, Hans Daruis and Bhagyashree Pegu shared their experiences and reminiscences of their association with the institute and how it helped transform their lives.

Industry Visits to Pepsi Co, Rani, Patgaon, near Guwahati, 29 August 29 and 17, October 2015

As part of the continuous quality improvement initiative at DBIM, a decision was taken last year to conduct at least one industry visit for both the batches of MBA students every trimester. This trimester students got permission to visit the North East Pure Drinks Private Limited situated at Rani, Patgaon, near Guwahati, the head office and plant of Pepsi Co.



Session on Effective Communication, 14 September 2015



The workshop was conducted by the resource persons, Mr. Joe Rodrigues and Mrs. Brenda Rodrigues. The workshop, through different activities, taught the participants, that to be the type of people who make things happen, one has to step out of his/her comfort zones and put in efforts regardless of one's perception about the working environment. Several activities were conducted to demonstrate effective communication skills that will help one to create or improve relationships. The workshop, focused on training students in two-way effective communication.

APDCL Training, 7 October 2015

Assam Power Distribution Corporation Limited (APDCL) organized a day long training session on "Team Work" and "Change Management" at their Human Resource Development Institute, Narengi, Guwahati, campus on October 7, 2015. Mr. Bikash Kalita and Mr. Chandan Dutta conducted the day long programme.

Assam Secretariat Training, 13 October 2015

DBIM conducted a one-day training program for the 114th batch of Junior Administrative Assistants on October 13, 2015. Thirty-five employees attended the training programme. Mr. Bikash Kalita and Ms. Arpita Choudhury were the resource persons of the day long program. They conducted sessions on "Change management skills" and the "Importance of interpersonal communication in the workplace". The participants were enlightened on the need to develop contemporary competencies for improving their service delivery.

Library Day, 13 October 2015

Don Bosco Institute of Management celebrated its 5th Julhash Ali Library Foundation day on the 13th of

October 2015. Mr. Kiran Francis, Sr. Manager of South Indian bank had graced the occasion as a chief guest where he spoke on the importance of the library & how to inculcate the reading habit in this electronic age. The special attraction of the whole celebration reverberated on the quiz competition which was skillfully projected a very professional quizzing platform by Mr. Pradip kr. Deka, Asst professor, DBIM. A mind-blowing cultural evening was organized wherein students showcased their talents through



song and dance. At the end of the program Fr. Johnson Parackel, Rector, Don Bosco Institute of management and Mr. Kiran Francis, Sr. manager of South Indian bank distributed the prizes for the round of competitions that were held respectively from 15th of august to 13th October to mark the foundation day.

The Julhash Ali Library Best book reviewer award was awarded to MBA 2nd year student Damian. The winner has been awarded with a book by Elizabeth Gilbert” Big Magic: creative thinking beyond fear” and a certificate.

ASEAN Students visit, 26 October 2015



On October 26, 2015, DBI/DBIM welcomed a group of 96 young student delegates from the five ASEAN countries of Thailand, Philippines, Vietnam, Malaysia and Singapore. They arrived in India for a 10-day exposure trip sponsored by “Young India” which is a sister concern of CII.

Vigilance Awareness Week, 26 – 31 October 2015

AICTE had requested all approved institutions to observe Vigilance Awareness Week 2015 from October 26-31, 2015. The theme of Vigilance Awareness Week is “Preventive Vigilance as a Tool of Good Governance” and institutions were requested to organize debates/elocution/panel discussions among students on topics like

- Value crisis amongst youth is responsible for lack of honesty in society
- Corrupt practices are eroding our social fabric
- Corruption – The biggest bottleneck in economic progress

At DBIM, we divided our students into different discussion groups to discuss each of the three aforesaid topics throughout the week, whenever possible, and come up with reports summarizing their observations.

Vigilance awareness among the students was also improved after the AICTE provided video was played in the classrooms on Saturday, October 31, the last day of the proposed week.

National Education Day, 11 November 2015

11th November, the birth anniversary of Maulana Abul Kalam Azad, great freedom fighter, eminent educationist and the first Union Minister of Education was observed as the National Education day. Fr. Johnson, Rector, DBIM while addressing the morning assembly spoke at length about the contributions of Maulana Abul Kalam Azad in transforming the education scenario in India and the importance of education in our lives.

Various competitions like painting and essay competitions were organized by the DBIM MBA students as part of the Prajjwal initiative for the poor students of the neighbourhood on Sunday, November 8 as November 11 was a working day.

Constitution Day, 26, November 2015

AICTE vide directive D.O. No. 5-90/Admn/Estt/Misc/M/HRD/2339 dated October 15, 2015 had requested all AICTE approved institutions to observe November 26 as “Constitution Day” to commemorate the day our Constitution was adopted by the Constituent Assembly. The preamble to the Constitution was to be read aloud in the institution. As part of this directive, the students and staff at DBIM read out the Preamble to our constitution during the morning assembly. Prior to this day, the students had prepared placards containing the Preamble script in English and Hindi. Fr. Johnson, Rector, DBIM, highlighted how every word in the Preamble stood by the values which define this great nation. He also shared his views on how the Preamble is special for the Northeast with its diversity of cultures, religions and dialects.

Workshop on developing mental capacity by Fr. Joe Mannath, 16 February 2016

Fr. Joe Mannath, Associate Professor in the University of Madras (India) and an Adjunct Professor at the Catholic Theological Union, Chicago (USA), conducted a workshop on enhancing mental ability and brain capacity for the two batches of MBA students. The workshop began with Fr. Joe demonstrating his capacity to remember things and explaining how students can develop their own thinking capacity. During the workshop, he shared a number of tips and tricks that students can use to



enhance the ability of their brains. He recommended to the faculty to take classes on multiple intelligence along with regular course work so that students are able to exploit their potential to the fullest.

School of Applied Sciences

*Intensive insistence on mastery of the domain in theory and praxis
Proactive backing to bring creative ideas to fruition in the fabrication labs
Live projects as pre-eminent learning tools
Rigorous internships, seamless fusion of theories and ground realities
Self-help modules*

3-Day Workshop on Astrophysical Data Analysis



The University's Department of Physics in association with Tezpur University organized a 3-day Workshop on 'Astrophysical Data Analysis', 21-23 March 2016 at the Conference Hall, Azara Campus. The workshop, organized for Post Graduate/Doctoral students and teachers in Physics was sponsored by Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune.

Delivering 'words of encouragement' at the inaugural session, the Vice Chancellor Fr. (Dr) Stephen Mavelly reminisced about a drive out in the desert on a wintry night and looking into the sky how he felt that he was 'looking into the heart of the Universe'. He also said that the new campus being developed at the Tapesia Gardens will also have an 'observatory' set up.

The Guest of Honour and also the Workshop Resource person, Prof. Ranjeev Misra, Scientist G, IUCAA, Pune, in his introductory address explained the aim of the Workshop saying, "The workshop is not about teaching Astronomy or Astrophysics. It is not going to be a lesson on Data Analysis. I have spent 15 years in observing and analyzing these data and it is not something one can learn nor teach in 3 days. However, in this workshop we will explore the prospects of where you want to go in future as an academician, whether you would like to take up a study in Astronomy". The 3-Day workshop saw lectures from Prof Dhruba Jyoti Saikia (Radio Astronomy: An Introduction), Prof Ranjeev Misra (Astrosat), Dr Sukanta Deb, Cotton College State University (CCD Photometry of variable stars), Dr Rupjyoti Gogoi, Tezpur University (Introduction to Infrared Astronomy), Dr Sonali Sachdeva, IUCAA (Introduction to galaxies and their evolution), Prof Gazi Ameen Ahmed Tezpur University (Image Processing). Participants spent half of the workshop getting hands-on experience working on stellar data and galactic data at the Artificial Intelligence Laboratory with Prof. Ranjeev Misra and Dr. Sonali Sachdeva.

School of Life Sciences

Wide exposure to theory and skills undergirding the field of biosciences
Intensive laboratory exercises and projects attuned to industrial developments
Exposure to emerging areas of research in Biosciences in the country and abroad
Industrial visits/Internships/Interactions with experts on live industrial projects
...a seamless entry to doctoral studies on completion of the Master's level dissertation

School of Life Sciences Inaugurated, 3 August 2015



The School of Life Sciences was inaugurated by the Vice Chancellor, Fr. (Dr) Stephen Mavely on 3rd August 2015 in the presence of the University officials, students and faculty of the School.

In his welcoming address, Prof. J. N. Vishwakarma, Director of the School of Life Sciences introduced how the dream of starting the School translated into a reality. He also briefed the gathering on the objectives and mission of the school and the importance of engaging in research. The Vice Chancellor, Fr. (Dr.) Stephen Mavely expressed a warm welcome and best wishes to the students and faculty of the School of Life Sciences. He reiterated how the dream of having a vibrant School of Life Sciences has finally come to a reality. He said that modern biology is an emerging field for research and teaching in connection to existing literature and also in its applications in real world.

The short and meaningful inauguration programme was organized by Sister (Dr) Shiny Thomas, Dr. Prosun Tribedi and Dr. Lalchhandami Tochwang along with the students of the school.

Lecture on Emerging Biological Technologies, 20 February 2016

The School of Life Sciences organized a lecture on 'Emerging Biological Technologies in the Changing World' by Dr. Santanu Raychaudhuri, a DBT-Visiting Professor of Assam University, Silchar on 20th February 2016 in the conference hall at 12.00 noon. In this lecture, Prof. Santanu introduced emerging trends in the field of Biotechnology. He said, "Since the discovery of Double Stranded DNA structure by James Watson and Francis Crick in 1953, there have been an 'avalanche of



advancements in genomic information. The process of genotyping has reduced drastically with the advent of new sequencing technologies”.

Lecture on Biodiversity, 29 February 2016



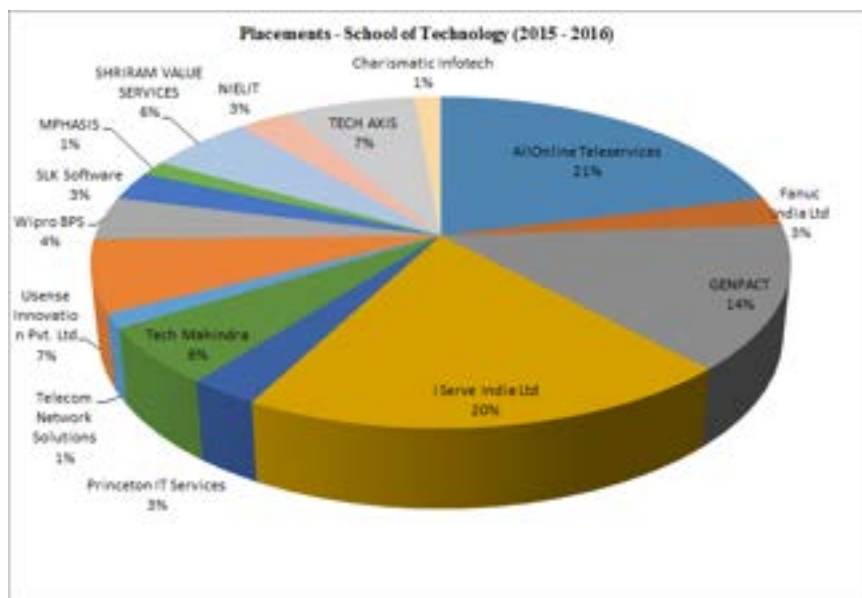
Dr. Lok Man S. Palni on 29th February gave a lecture on “Biodiversity is Life-Biodiversity is our Life” for Post Graduate students and staff of various departments. He is a Professor and Dean of Biotechnology at Graphic Era University, Dehradun, Uttarakhand. Speaking on the importance of Biodiversity and green planet, and how these are crucial for the survival of mankind, he said, “Trees are the caretakers of this planet. Without them, life won’t be possible. If human beings outgrow trees, we will not survive”.

His lecture can be summarized as follows: “The fight to stop biodiversity loss is at a critical moment. Species are currently going extinct at up to 1,000 times the natural background rate. Sixty per cent of examined ecosystem services worldwide have been degraded. We should be alarmed because humans are not detached from the consequences of this loss. We should preserve the diversity of flora and fauna to maintain the balance of the ecosystem. Resources are there in nature for our need not for our greed. If we could satisfy or limit our life with our needs we can preserve this earth for the future generation, Technology can be used for the betterment of the resources based on the necessity of the people. When we waste resources, we must be aware of the people who live without food and other kinds of primary needs”.

Updates on Placement Activities

Placement Report from the School of Technology

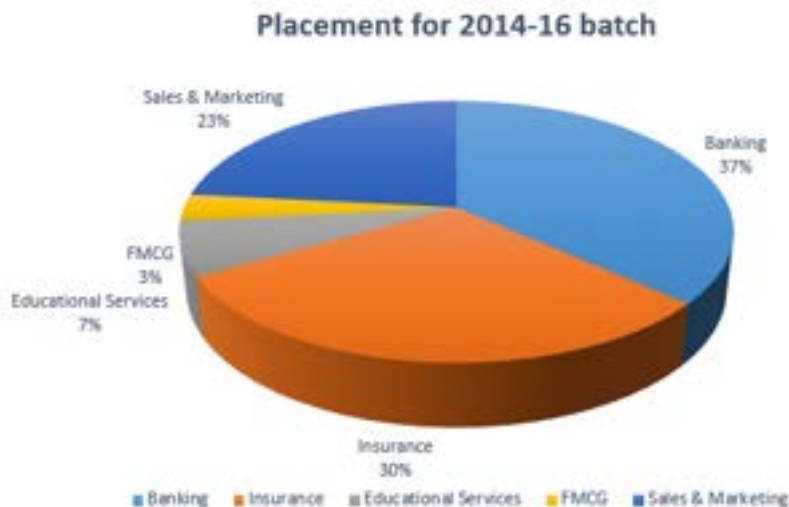
The recruitment season began with a strong promise as students secured job offers at the very beginning of this academic year. With the change in the political landscape of the country, India has shown positive signs in general. The recruitment scenario has picked up pace and the effect was very visible within the campus. A total of 71 students, more than 60%, had been placed. Maximum salary was 3.2 lakhs per annum and the mean salary was 2.13 lakhs per annum. Following chart depicts the industry sector breakup of the placements.



Placement Report from the School of Commerce and Management



The MBA placement season kick started with “Just Dial” being the first company this year to visit our campus. This was followed by a number of companies like Pepsi, Next Education, Axis Bank, ICICI Bank etc. A total of 32 companies were approached for campus placements. 13 of these companies actually ended up conducting the interviews. By the end of March, a total of 30 students (86%), out of the 35 eligible, had been placed. Maximum salary was 3.4 lakhs per annum and the mean salary was 2.85 lakhs per annum. Following chart depicts the industry sector breakup of the placements.



Research Updates

Assam Don Bosco University with its commitment to ensuring academic excellence motivates faculty and students to work collaboratively for the advancement of knowledge. At present there are around 200 doctoral students in 17 academic departments covering diverse areas in Social Sciences, Engineering and Technology and Basic and Applied Sciences.

Ph.D Course Work for the Batch of 2015



The research scholars of this batch started their one semester mandatory Ph.D. Coursework with effect from 20 April, 2015. This is to continue till October 2015.

Doctoral Degree Awarded

The following doctoral students made up the first batch of Ph.D. Degree Awardees:

1. Niranjana Agarwalla, supervised by Dr. P. K. Jain with the thesis titled, "Management Customer satisfaction in the telecom sector in India: A study on Assam and North East circle."
2. Jose K. Jacob, supervised by Dr. G. K. Bera with the thesis titled, "North East India Studies An anthropological study of religion among the Rangdani Rabha of Assam."
3. K.M. Baharul Islam, supervised by Dr. S. Rajkhowa with the thesis titled, "Social Work Transitional justice in post peace agreement societies: A study of the Assam and Mizo peace accords."
4. Utpalparna Kalita, supervised by Dr. J.N. Vishwakarma with the thesis titled, "Chemical Science Synthesis, structure and anti-inflammatory activities of 1,2,3,4 tetrahydropyrimidine-adamantane hybrids."
5. Rashmita Baruah, supervised by Dr. GG Banik, with the thesis titled, "Enhancing Domestic and Foreign Investments in Assam through Expansion of Exports in Merchandise and Services: the Way Ahead."

Research Lecture Series

The Research Lecture Series is intended to generate a platform or opportunity to discuss topics in the current area of research and practice, thereby stimulating an interdisciplinary learning. The research lecture series is presented every Friday at 12.00 noon by faculty, research scholars and invited guests. A list of recent lectures is given below:

1. Xavier Mattam, Computer Science Cognitive Computing
2. Nesmita Das, Psychology and Counseling Disaster Mental Health
3. Bikramjit Goswami, Electrical and Electronics Engineering Utility of microwave Remote Sensing for detection of flood and associated aspects

In Focus: University Plans towards Sustainable Development

One of the central aims of the University is to provide a mix of activities to create a vibrant sustainable community. Some of the highlights of the plan include:

- Long term growth of the university to meet strategic goals and government objectives for higher education
- Optimising the use of its existing resources and comprehensive planning for the future
- Foster a 'Campus Community' where staff, students and those external to the University can come together to learn, study, research and interact to further human knowledge and understanding
- Provide a robust and flexible framework for development of the campus to meet current and future needs
- Pursue a sustainable future for university and demonstrate long term stewardship of the environment by protecting and enhancing landscape character.

Keeping in view the needs and aspirations towards sustainable development of the University, we list below some significant developments in this academic year in the areas of Academics, Research, Infrastructure Development and Quality Assurance.

Academics

The University has launched three new Integrated Masters-Doctoral Programmes in Biochemistry, Biotechnology and Microbiology, where the first batch of students and faculty are determined to set a benchmark for Master's Programmes by involving in research and consultancy projects.

BCA-MCA Integrated course in the department of Computer Science and Information Technology Department has been started and has attracted students to pursue their studies in the area of Information technology.

As in the previous years, this summer too, we had an array of summer internships, Summer schools, workshops and crash courses keeping abreast with the latest technological advancements of various departments.

Also, the next issues of the journals published by the University have been brought out along with the first issue of the new journal of Applied and Fundamental Sciences.

Journal title	Editors
Journal of Northeast Indian Cultures	Fr. (Dr) Paul Puduserry, Assistant Professor, Department of Education
ADBU Journal of Engineering	Dr. Shakuntala Laskar, Professor, Department of Electrical and electronics
The Journal of Development Practice	Mr. Jacob Islary, Assistant Professor, Department of Social Work
Journal of Applied and Fundamental Sciences	Dr. Samrat Dey, Assistant Professor, Department of Physics

Research Culture

The research culture has struck deep roots within the academic community of the University. 53.2 % (92 out of 173) of the faculty have completed their doctorate and another 42 are actively pursuing their research in different Indian and foreign universities. Both students and faculty involve themselves in research projects and a significant number of papers have been published in reputed journals. The tempo has picked up also in holding seminars, conferences and workshops.

Infrastructure Development

In its attempt to create and maintain an eco-friendly and sustainable campus, the university is taking a big leap towards the promotion of sustainable development. The University has ventured into more plantations at Tapesia Campus, apart from the existing Tea Garden that spreads over 160 acres. Plantation of 10 acres each of Coconut, Rubber and Cocoa plantations and demonstration farms are in progress. The University Plantations Project is envisaged keeping in mind four dimensions

- a) Research
 - b) Promotion through Co-operatives
 - c) Demonstration Farms
 - d) Marketing and Networking
- **Research:** Being a University and having a plantation within the campus will enable multi-disciplinary research such as seed culture, environmental impact, production of high quality seedlings, re-engineering suitable plants for NE India and experimenting on new products based on Tea, Coconut, Cocoa, Rubber, etc.
 - **Promotion of Co-operatives:** There are 42 villages surrounding the University Campus with a lot of land suitable for the cultivation of cash crops. The University aims to promote Farmers Co-operatives, and to conduct a variety of awareness programmes.
 - **Demonstration Farm:** A Demonstration Farm, within the University campus, will serve as a living classroom, showcasing a number of practical techniques. The Demonstration Farms will show the farmers, what works, how it is done, and enable them to envision ways to incorporate these techniques on their own land. Arrangements will be made to exhibit the utility of the produce and financial possibilities of these plantations to the students, their friends and parents and visitors of the University. Also, well laid out plantations will serve as instruments of temperature control in and around the campus.
 - **Marketing and Networking:** The School of Management will promote business plans to assist the growth of these plantations in the region.

Quality Assurance

The University enjoys unique distinction of being one of the youngest universities to opt for NAAC accreditation (within 5 years of establishment), with B Grade. The Internal Quality Assurance Cell has been actively setting precise objectives to be met, monitoring and documenting subsequent performance. As suggested by the Cell, currently two internal audits of Admission and Examination processes have been carried out.

Future Plans

- Buildings of the future will include interdisciplinary research centres and doctoral training centres, flexible-use accommodation to respond quickly to commercial opportunities, interactive and collaborative space making research available to the public including the learning grid.
- In the near future the plantations will turn into demonstration farms and seed production centres for the National boards, research avenues for the university into pest resistance, hybridisation and mass multiplication through tissue culture and excellent training platform for Social outreach programmes in the villages

**ANNEXURE (A) TO ANNUAL REPORT OF ASSAM DON BOSCO
UNIVERSITY 2015-16**

Number of professional development / administrative training programs organized by the institution for teaching and non-teaching staffs

Sl. No.	Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
1	07-07-2015 to 09-07-2015	International Conference on Asian Values and Human Future		12
2	10-07-2015 to 17-07-2015	Entrepreneurship- the way forward	Staff Enrichment Programme	114
3	21-07-2015 to 29-07-2015	Assam Don Bosco University Induction Programme	Assam Don Bosco University Induction Programme	17
4	08-10-2015	Lecture on “ bridging the gap between psychiatry and counseling by Psychiatrist Dr. Jayanta Das, Counsellor-Ms. Loya Agarwalla, and Clinical Psychologist-Dr-Spodita Goswami		3
5	02-11-2015 to 03-11-2015	National Conference on Quality Configuration for Media Education in India - Exploring the Prime Parameters		8
6	22-01-2016 to 28-01-2016	Relationships and Communication...the key to success	Staff Enrichment Programme	88
7	08-02-2016	Orientation Program on Neuro Linguistic Programming by Dr. Abraham, Having professional Expertise in the area of NLP		15

8	26-02-2016 to 27-02-2016	National Conference on Emerging Global Trends in Engineering & Technology (EGTET)		66
9	03-04-2016 to 12-04-2016	Workshop on Research Methodology in Social Sciences		11
10	26-04-2016	International workshop on Healing our Planet: Eco-sensitivity and Remediation, Sri Ramanuja Mission Trust in collaboration with the Department of Psychology ADBU		25

**ANNEXURE (B) TO ANNUAL REPORT OF ASSAM DON BOSCO
UNIVERSITY 2015-16**

Number of teachers who had undergone online/face-to-face Faculty Development Programmes (FDP) (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Sl. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	Samar Jyoti Saikia	ISI-AAU winter school on Soft Computing Methodologies in BIOINFORMATICS	04-12-2015 to 08-12-2015
2	Nupur Choudhury	ISI-AAU winter school on Soft Computing Methodologies in BIOINFORMATICS	04-12-2015 to 08-12-2015
3	Jhimli Kumari Das	ISI-AAU winter school on Soft Computing Methodologies in BIOINFORMATICS	04-12-2015 to 08-12-2015
4	Hemashree Bordoloi	ISI-AAU winter school on Soft Computing Methodologies in BIOINFORMATICS	04-12-2015 to 08-12-2015
5	Kaustubh Bhattacharyya	AMAZING NANO-2016, One week National workshop on Nanotechnology, organized jointly by department of ECE, School of Technology, Assam Don Bosco University and department of Physics, Tezpur University.	01-02-2016 to 06-02-2016
6	Karen Das	AMAZING NANO-2016, One week National workshop on Nanotechnology, organized jointly by department of ECE, School of Technology, Assam Don Bosco University and department of Physics, Tezpur University.	01-02-2016 to 06-02-2016
7	Smriti Dey	Advances in Renewable Energy and Challenges	07-03-2016 to 11-03-2016
8	Karen Das	Advances in Renewable Energy and Challenges	07-03-2016 to 11-03-2016
9	Pallav Gogoi	Advances in Renewable Energy and Challenges	07-03-2016 to 11-03-2016
10	Kaustubh Bhattacharyya	Two weeks “Short Term Course on Electronics System Design (STCESD 2016)”, organized by the Department of ECE, School of Technology, Assam Don Bosco University in collaboration with Tevatron Technologies Pvt. Ltd.	31-05-2016 to 11-06-2016
11	Karen Das	Two weeks “Short Term Course on Electronics System Design (STCESD 2016)”,	31-05-2016 to 11-06-2016

		organized by the Department of ECE, School of Technology, Assam Don Bosco University in collaboration with Tevatron Technologies Pvt. Ltd.	
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