



ASSAM  
DON BOSCO UNIVERSITY



# ANNUAL REPORT 2018-2019

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## Vice Chancellor's Message

The other day, in conversation with an eminent Professor and Educationist on the status of education today in our institutions, there was a theme that surfaced several times in the course of that exchange of ideas. Put briefly, a phrase that summarizes it neatly would be ***'We've lost the words'...***

***'We've lost the words'...*** stands for a whole gamut of developments that have taken place ever since the digital revolution has taken the world in its grip. The advent of satellite television and DTH services has slowly, but steadily, invaded the sacred space of communication in the family. Gone are the cozy evening get-togethers and leisurely dinner table conversations. The newscasts, the quiz shows, the soap operas, the dance and music extravaganzas, round the clock sports telecasts – 'We've lost the words' to this endless one-sided chatter from the ubiquitous television sets in the living room, in the bed room, in the kitchen, on the cars...

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***'We've lost the words'...*** is a powerful image to portray a gradual transition that has taken place in the quality of inter-personal dialogue between generations – parents and children, teachers and pupils, the young and the old...

*'One important skill area that is underdeveloped in a digital culture is face-to-face interpersonal interaction'*. Research has shown that it is only in face-to-face communication that a person collates and integrates 'multi-modal sensory information' such as changes in mood, expression, tonality, gesticulations of those in the group. These non-verbal clues are as much the 'message' as the medium of the message.

Research, again, underlines another aspect of face-to-face communication, namely, bringing about social interaction – the opportunity to listen to the other person, and the role such interactive communication plays in harmonizing thought patterns and concepts. *'What matters are the many ways we connect only when we're physically together'*.

It is indeed a challenge to fashion a model/models to touch base with whole new generations that flit in and out of the 'real' and the 'virtual', that seem more at home in the virtual and the distant rather than the proximate and the real... and, still greater a challenge to win a few battles for their minds against the allurements of the virtual world and the bombardment of the advertising agencies?

*We seem to have lost the words...* when we have to deal with the plight of the social media generation, their inability to communicate at a personal level, their obsession with moving images and light chatter...

*We seem to have lost the words...* to help connect their impersonal lives and their rich virtual worlds...

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Yet another challenge facing the educators today is about promoting *‘The finer things in life’*... By *finer things in life* is meant cultivated sensibilities and desires for a variety of things attributed to a cultured person, such as, a love for reflection and abstract thinking, a passion for reading, an appreciation for good music, an appetite for history, an ability for logical thinking and communication, a way with the use of words and their nuances, a deeply rooted conviction that a cultured person is compassionate, is socially committed, knows his or her own place in the world and has a modest and realistic image of himself or herself.

How does today’s young people view the finer things in life? The indications are that we are increasingly coming across generations whose ability to conceptualize, internalize abstract ideas and concepts are being impaired. We are dealing more and more with individuals who are being fed on a diet of ‘utilitarianism’ that says, ‘persons, goods, services are meant to be used and exploited. If they don’t work, throw them aside!’

This is a challenge that families and educators have not yet learnt to respond to in an adequate manner: art and literature, music and poetry, philosophy and logic, history and culture, debate and the fine art of conversation, manners and cultured behaviour, compassion and commitment. We have to find new ways of making *‘The finer things in life’* appeal to the digital generation, new ways of touching base with them on the centrality of these aspects in fashioning a fuller and richer life....

Looping back to the idea that I started with, *‘Have we lost the words’* to convey this vision as well? Do we have need to fashion a new script, a new narrative? Perhaps, yes...

Here, at Don Bosco, the realization that, perhaps, *‘We’ve lost the words’* may be central to building a new script that focuses our efforts on moulding dependable human beings rather than learning how best to ape the West and churn out batch after batch of globally acceptable workers...

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This is, perhaps, the most compelling reason that we have conceptualised, pictured and defined what an ideal Don Bosco University Graduate looks like. In pursuit of that vision, we have designed our University to provide everyone on campus with the best of ambiance to grow and develop, to blossom into the type of leaders of tomorrow...

- leaders with a human face, dependable persons
- leaders with a vision who leave significant footprints wherever they find themselves
- leaders passionate about making a change in the lives of the less privileged

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This vision of promoting a holistic development, especially human development, is at the core of the vision of every Don Bosco institution, and it is eminently embedded in the vision of the University. Without going into too many details, let me update you on some of the significant developments during the year where this particular aspect has found expression in a variety of ways.

***In the field of academics***, the University launched several new programmes on campus: a) Bachelors in Physics, Chemistry and Maths, b) Bachelors in Economics in addition to English, Mass Communication and Education, c) Masters in Chemistry, Mathematics, English and Commerce

All preparations were also completed for the introduction of the integrated 4-year Professional Teacher Education Programme (BA-B Ed and B Sc-B Ed) to apply for the statutory clearance once the National Council for Teacher Education opens applications for the same. Leveraging the bachelors and masters programmes we have in Education, it is planned to bifurcate the Department of Education from the School of Humanities and Social Sciences, and initiate a School of Education to oversee all our Courses of Study in Education and our planned MDP Programmes for in-service training programmes for high school teachers and college lecturers on a massive scale.

Under DBU Global, our distance education wing, we have just been approved for the following Programmes of Study to be offered from 2018-19: Bachelor's in Philosophy, Business Administration, Commerce and Computer Applications, and Master's in Philosophy, Education, Human Rights, Mass Communication, Commerce, Social Work and Information Technology.

As in previous years, this summer too saw incredibly activity at all campuses of the University with an array of summer programmes (workshops, internships, conferences) organized by the various departments - Summer schools, summer workshops, crash courses, Internships – these have come to stay as a regular feature of life at the University.

We have been regularly publishing the four journals that the University started in the earlier years:

<b>Journal title</b>	<b>Editors</b>
Journal of Northeast Indian Cultures	Dr Dominic Meyieho Assistant Professor, Department of Education
ADBU Journal of Engineering	Prof. 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
Journal of Management in Practice	Mr. Chandan Dutta Assistant Professor, Department of Management

***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. 51.15% (89 out of 174) of the faculty have completed their doctorate, another 42 (24.14%) are actively pursuing their doctoral research in a variety of Indian and foreign universities. That is an enviable record for even-well established universities. A list of the research projects is given elsewhere in this report.

The tempo has picked up substantially also in the holding of seminars, conferences and workshops, 20 in a row this year alone, and the year is not yet over. Our Faculty-Student ratio is a very healthy 1:9.6, much better than most of the old and established universities and well above the requirements of the statutory bodies.

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 248 research scholars, pursuing their doctoral studies across 19 disciplines – 13 of them have been awarded the Doctorate.

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***In the area of infrastructure development,*** most of the developments have been at the Tapesia Campus – 2 new hostels (one each for men and women), a new academic block (Academic Block-II) spanning some 1,20,000 square feet of space with the central piece of an atrium that can accommodate our biggest functions. With the commissioning of this Academic Block accommodating the Schools of Social Sciences and Commerce and Management, Academic Block-I is now totally set aside for the School of Applied and Fundamental Sciences. Of course, the School of Life Sciences has its own building and lab facilities.

The campus at Tapesia, apart from providing us with an enviable location for academic pursuits, is slowly developing into a nerve centre for the development of the entire region, especially the 42 villages that surround the campus. It is an ideal location for the packed extension and social commitment programmes of the University. It's in our plans to ensure that every graduate of our University will have committed themselves to several months of social work during the course of their study at the University.

Speaking of campus development, we are proud of our plantations (numbering over 20,000 trees over the years – rubber, agar, coconut, cashew, neem, cocoa). In the near future, apart from becoming alternative sources of income, they will also 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. The tea estate too is getting a new lease of life with a systematic conversion to organic farming, tea research and eventually a tea factory to produce and package quality tea.

I am also happy to report that we have successfully commissioned, in keeping with the declared policy of our Prime Minister, roof-top solar installations producing a total of 320 kilowatts of energy at the Azara and Tapesia Campuses. Our water bodies, all seven of them, are brimming over with fish, including the anti-malarial variety that feed on mosquito larvae.

***In the area of quality assurance***, we hold the unique distinction of being the first university in the country to have been accredited by NAAC under the new model introduced by NAAC, being awarded a B+. 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. The NAAC Peer Team that visited the University a few months ago categorically stated that the performance of IQAC in Don Bosco University is unparalleled in the whole country.

**Current Statistics on various parameters:** No report on the University will be complete without detailed statistics on a number of parameters relating to the University. Let me mention them in brief here (detailed tables are available elsewhere in the annual report).

**Programmes of Study:** There are currently 16 graduate programmes, 17 post-graduate programmes, and 23 doctoral programmes in the university.

**Student Distribution:** There are 2533 students on campus, 4703 students under distance education, and over 8000 students pursuing a variety of free certificate courses on our on-line portal.

**Graduating Students:** 706 students graduating at this convocation in the current year: 438 from our campus programmes and 268 from our distance education courses.

**Teaching Staff:** We have 52 Professors, 51 Associate Professors and 149 Assistant Professors, making a total of 252 Faculty Members on campus.

**Non-Teaching Staff:** The University has on its rolls 22 Senior Administrative Staff, 8 Library Staff, 17 Office Staff, 25 Technical Staff and 34 Service and Maintenance Staff, making a total of 106 Staff Members.

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## A University set on very strong foundations...

As the final comment in this introduction to the Annual Report, let me share with you a few of the core strengths that the NAAC Peer Team saw as our unique features:

1. We have in place a detailed concept paper that pretty much captured the vision of the university and laid 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.
4. We have in place a draft 'sustainability plan' for the university that takes seriously issues of financial stability and viability of the university for years to come. It is also a handy tool when scouting for funds for the university.
5. 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. There are several institutions that have evinced keen interest in following our model.
6. 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... THAT is our strength and our hallmark!!

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***For all of these...*** and for much more, in the very first place, we acknowledge the abundance of the grace of God that we have been blessed with! It is that faith that has sustained us for so long...

It is also the generosity of the many friends, organizations, foundations and collaborators that saw this dream take shape – friends who walked with us, shared our burdens, propped us up when our spirits sank, and rejoiced with us at every tiny step that took us forward... We remember them gratefully - may God bless them generously!

*In the following pages you have an account of the multi-faceted reality that is Assam Don Bosco University, glimpses into what goes on here, vignettes of life on campus, and a sort of a diary of the main events in 2018-19. I hope you will find it pleasant reading.*

Fr Stephen Mavely  
Rector & Vice-Chancellor  
30 Dec 2019

## About Assam Don Bosco University

### Introduction

The Assam Don Bosco University is the first University in the English speaking world of the worldwide family of the renowned Don Bosco Society present across 132 countries in service of the educational and developmental needs of 15 million young people. The University was set up by the Assam Don Bosco University Act 2009 under the State Private Universities Act of the Government of Assam, and was duly notified vide Government Notification No. LGL 149/2008/30 dated 12th February 2009. The University is authorized to award and grant degrees under the University Grants Commission Act of 1956, India, accredited by National Assessment and Accreditation Council, India and is approved by the Distance Education Council and the All India Council for Technical Education. The University is also a member of the Commonwealth Association of Universities (ACU) based at London since 18th October 2011, and of the International Association of Universities (IAU) based at Paris since 29th November 2011, and of the Association of Don Bosco Institutions of Higher Education (IUS) based at Rome since 2008.

The University has been set up as a response to the felt educational needs of the people of North-East India and offers relevant study programmes with a focus on research and social commitment through the Schools of Technology, Humanities and Social Sciences, Life Sciences, Applied Sciences, Commerce and Management. The University Centre for Online and Distance Education (CODE), called DBU Global, offers a variety of study programmes in Management and Information Technology. 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.

Don Bosco University has evolved for itself a clear-cut vision that defines its rationale, objectives and approach to excel in teaching, formation of individuals by offering support, making students ready for quality placements at the three vibrant campuses at Tapesia, Azara and Kharguli. A sustained alumni association is established to carry forward lifelong learning of the students by partnership of the students with their alma mater.

### Vision and Mission of the University

Our vision, mission and values statement, our graduate attributes, and our achievements encapsulate what we stand for as a University and what we offer to students, staff and the wider community. We are committed to providing an education that cultivates a spirit of creativity and initiative and equips tomorrow's leaders and innovators; engaging community; maintaining diversity and inclusion among our students and staff; and providing equitable access to education.

## **Vision .....**

"To mould intellectually competent, morally upright, socially committed and spiritually inspired persons at the service of India and the world of today and tomorrow, by imparting holistic and personalized education."

## **Mission .....**

This university will be a centre for culture, knowledge, research, intellectual ferment; 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: religion, culture, society, politics, governance, education, health care; and engages in dialogues across the board - THAT is our role.

This university will strive to make professional and higher education accessible to the weaker sections of society - THAT is our solemn commitment.

This university will spare no effort to ensure that our graduates become dependable and true human leaders with a strong sense of commitment to the poor, the disadvantaged and the needy - THAT is the goal embedded in our vision.

This university will strive for excellence in every process and undertaking; and, among many other things, it will specialize in research with social relevance - THAT is our approach.

## **Schools**

The Assam Don Bosco University started with four academic programmes of Engineering and Technology in 2008 and currently the University offers 16 graduate programmes, 17 postgraduate programmes and doctoral studies in 23 areas belonging to, the School of Technology, the School of Humanities and Social Sciences, the School of Commerce and Management, the School of Fundamental and Applied Sciences and the School of Life Sciences. To encompass the larger scope and vision of the University towards its commitment of building and operating a healthy and self-renewing, vibrant campus community with clear cut goals and priorities in the areas of education, clean energy, nature and eco systems, cutting-edge research and teaching in the latest technologies to tackle real issues of the region.

## Highlights of 2018-2019: A Diary of Events

### European Union Ambassador at the University, 9<sup>th</sup> April 2018

On 9<sup>th</sup> April, the University held a function ‘Developmental & Social Commitment Initiatives’ to showcase various social commitment initiatives and socially relevant research of the University at Tapesia Campus, where his Excellency Tomasz Kozlowski, Ambassador of European Union to India was the Chief Guest.

Welcoming the dignitaries and guests, the Vice Chancellor, Fr. (Dr) Stephen Mavely said, “The programme this afternoon has been organized to showcase the developmental and social initiatives of the University – its faculty, students and research scholars.”



Addressing students, teachers and local community, Mr. Kozlowski said, “For years, countries in Europe had been fighting one another which resulted in the two great wars that the world witnessed. Countries in Europe have different cultures, different climate, customs, beliefs and practices, but, we came to a realization that diversity is our asset. So, 28 member nations of Europe came together and formed European Union with a hope to create a better future. “India is a natural partner for us because we share the same value system. India and EU follow same democratic system, judicial system etc. and we are devoted to preservation of human rights, we look first at what binds us together, we contribute for world peace by sending peace keeping troops to different parts of the world. As EU is working toward a better integration in spite of our differences, migration issues and problems, we look forward to a stronger partnership with India”

Presentations on the Social Commitment programmes of the University by Ms Hazel Wahlang, Coordinator, Center of Development Studies and Initiatives, and the socially relevant research of the University by Prof. Sunandan Baruah, Director, Center of Excellence in Nanotechnology gave insight to the many areas of developmental initiatives and social commitments of the University to the audience. On this occasion, 12 solar powered water purifiers, developed in house by the Center of Excellence in Nanotechnology were handed over to 12 villages and Certificates were distributed to the first graduates of a six month course Women Adult Education Programme, organized under the Center of Development Studies and Initiatives.

## Spoken Tutorials at Assam Don Bosco University

The MOOCS Spoken Tutorial has been installed on the University's LAN which supports access to the official site: <http://spoken-tutorial.org> since the campus is wi-fi enabled with Internet access.

The Spoken Tutorial Project of NMEICT has selected ADBU as a **Resource Centre working as the Knowledge Partner of IIT Bombay (IITB) for the state of Assam**. On an average, 500 students go through the online certification of Spoken Tutorial courses, every semester. It is mandatory for students to undergo the certification provided by the Spoken Tutorial Project from IITB, in the courses relevant to them, using the scores they obtain in this certification as a tool for giving marks for a part of their internal assessment in their relevant courses. This motivates the students to take these courses seriously and the certificates give them an advantage at the time of their placement interviews.



Assam Don Bosco University got involved in this project in 2013. Since then a majority of our students have benefited from this program. The statistics of the workshops and online training conducted by us so far is given below:

Year	No of workshops	No of Participants	No of online tests	No of participants certified
2013	4	148	1	54
2014	6	137	0	0
2015	15	593	14	467
2016	19	769	13	450
2017	11	380	11	448
2018*	2	48	1	48

\*As on 15 May 2018

## NAAC Peer Team Visit, 8<sup>th</sup>- 10<sup>th</sup> May 2018

NAAC Peer Team visited, the University, for assessing the qualitative metrics of the SSR submitted, in November 2017. The composition of the team which undertook the on-site visit included the following members:

Chairman H.P. Kincha  
Member Co-ordinator: Prof. E. Ramganesha  
Member: Hemixa Rao  
Member: Muvva Vijayalakshmi  
Member: Rakesh Jagdish Ramteke  
Member: Prof Bhagaban Das  
NAAC Co-ordinator : Dr. Ganesh Hegde

## International Yoga Day, 21<sup>st</sup> June 2018

The University observed the International Yoga Day by organizing various Programmes at its campuses on 21 June 2018.



As the International Yoga Day falls during Summer Vacation, there were only administrative staffs, some research scholars and faculty members who stay at the University's main campus at Tapesia. However, given the importance of this day, all those who were in the campus got together for a session of yoga at the University's Atrium and performed various Yoga postures under the guidance of Ms Shanthalembi Lisham, an Asst. Professor in the Department of Social Work, who is a regular yoga practitioner. At Kharguli Campus of the University, the Director of the School of Management, Fr. P.D. John spoke on the importance and health benefits of Yoga and the rising popularity of the same throughout the world to the students of vocational training programmes. Ms. Pinky Sarkar then animated the programme and students performed yoga with a lot of enthusiasm and zeal.

## **MoU with Institute of Advanced Study in Science and Technology, 22<sup>nd</sup> June 2018**

The University on 22nd June 2018 signed a Memorandum of Understanding with the Institute of Advanced Study in Science and Technology (IASST), Garchuk, Guwahati, Assam.



This MoU aimed at enhancing the teaching, learning and research experiences of the students and faculty of both the institutions in order to improve the quality of human resources available, especially in Assam and North East India. Also, this MoU will pave ways for joint collaborative work between students and faculty of both the institutions. The Institute of Advanced Study in Science and Technology is an autonomous R&D Institute under the Department of Science and Technology, Govt. of India. The Institute engages in frontier areas of research in the specific domains of Physical, Chemical, Mathematical and Biological Sciences.

The MoU was signed by Prof. Narayan C. Talukdar, Director, IASST and Fr. (Dr.) Stephen Mavelly, Vice Chancellor, Assam Don Bosco University in the presence of the Pro Vice Chancellor, Registrar, Director of Research of Assam Don Bosco University and officials of IASST.

## **Staff Enrichment Programme – Autumn 2018, 5<sup>th</sup> -6<sup>th</sup> July 2018**

A two day staff development programme was held on 5-6 July at Azara Campus of the University with a theme 'Developing a Growth Mindset...*for navigating Change*' with Prof (Fr) George Palamattathil and Prof (Fr) Jose Parapully as the resource persons. The Programme was aimed at inculcating a growth mind set in the University's staff.



During these two days, the University staff was divided into two groups and attended two different sessions with different approach on the theme. Topics covered in these sessions included the importance of – team work, having the ability to think for the good of the whole but not only for self, having the courage to recognize and appreciate the strengths of others etc. The participants were also given a chance to pen down what they thought as a fixed mind set and a growth mind that the University as a whole has – which were presented in groups and deliberated upon. Overall, the programme opened up new perspectives on various important issues that can contribute for the growth of the University while exploring challenges that lie ahead.

## **Inauguration of Academic Year 2018-19, 25<sup>th</sup> July 2018**

The Academic Year Inauguration for the new session of 2018-19 was held at both the main campus of the University – Tapesia Campus, and Azara Campus of the University which hosts the School of Technology, on 25th July 2018. The theme chosen for the year ‘We are the choices we make’ is inspired by a poem ‘The Road not Taken’ by Robert Frost.

The University has introduced few more courses this year including, BSc in Physics, Chemistry, Mathematics, BA in Economics, MSc in Mathematics, MA in English and Master of Commerce.

Both campuses had similar programme which included introduction of faculty and staff (a power point presentation), explanation of academic calendar and examination processes, presentation of various activities for student development, prayer dance and speeches.

At Tapesia, Chief Guest – Prof. David R Syiemlieh, former Chairman of the Union Public Service Commission, graced the occasion along with the dignitaries of the University, student and faculty representatives. While at Azara, Dr. Anil Kapur, President, Sales and Marketing, Meghalaya Cements Ltd., was the Chief Guest



## **Seventh Convocation of the University, 8<sup>th</sup> September 2018**

The University on 8th September held its Seventh Convocation at the Atrium of Academic Block II where 766 students were awarded degrees (UG, PG and PhD) in various disciplines.

The event was graced by His Excellency, the Governor of Assam and Visitor to the University Prof. Jagdish Mukhi along with various institutional heads of higher education in India.

Congratulating the graduates, the Vice Chancellor, Fr (Dr) Stephen Mavely said, “This evening is all about you – we celebrate your success in reaching a significant milestone on your journey. Let me wholeheartedly congratulate you all on your achievements. I am sure, you are immensely proud of yourselves on arriving this goal...During your years here, you would have realized that this University has been designed to provide you with the best of ambiance to grow and develop, to blossom into leaders of tomorrow...leaders”.



The number of graduates from various programmes of study are: B Tech (177), BCA (27), M.Tech (31), MSW (56), MCA (18), MBA (35), Psychology (20), Mass Communication (7), Education (9), Physics (19), Biochemistry (2), Biotechnology (5) and Microbiology (19). Also 328 students graduated through the Distance Education. Gold Medals were awarded to 17 graduates with the highest CGPA and the Vice Chancellor's Gold Medal and the Chancellor's Gold Medal for contribution to the campus life were awarded to Sheyashi Das (UG) and Memorial Kharkongor (PG) respectively.

### **Launching of NSS Cell at the University, 24<sup>th</sup> September 2018**



The University on 24th September held a launching ceremony of National Service Scheme at the University's Tapesia Campus.

Addressing the NSS Volunteers, the Vice Chancellor Fr Stephen Mavelly spoke on the importance of service for the community, and also highlight that though the University have already been deeply involved in community led initiatives and improvements through the University's Centre for Development Studies and Initiatives and through the Department of Social Work, the new NSS Cell will be a new platform to volunteer and bring about changes not only in the lives of the surrounding community but in the lives of the volunteers. The Director of the School of Humanities and Social Sciences, Dr. Riju Sharma gave a short speech on the aims and objectives of the NSS and what it means to be an NSS volunteer. The pledge taking by the volunteers was administered by Fr (Dr) Biju Michael, the Registrar of the University.

## **University of the Year Award, 30<sup>th</sup> October 2018**

The University was awarded 'University of the Year' (among universities in India in existence for 1-10 years) by the Federation of Indian Chambers of Commerce and Industry (FICCI) at the 14th FICCI Higher Education Summit 2018: A Global Conference & Exhibition held in New Delhi, 30th October 2018.



The University also got a 'special mention' for its social commitment in this summit. Mr R Subrahmanyam, Secretary-Higher Education, MHRD, Government of India, gave away the 5th FICCI Higher Education Excellence Awards to 13 Educational Institutions and eminent personalities in the field of education. The award recognises the achievements of educational institutions and personalities that have contributed towards the development of the sector in the country. The award was received by the Pro Vice Chancellor, Fr Joseph Nellanatt on behalf of the University.

Among the dignitaries present at the summit were Prof. Anil Sahasrabudhe, Chairman, All India Council for Technical Education (AICTE); Mr Pawan Agarwal, CEO, Food Safety and Standards Authority of India and Ms Sobha Mishra Ghosh, Assistant Secretary General, FICCI. Established in 1927, FICCI is the largest and oldest apex business organisation in India.

## **Community Awareness Programme on First Responder, 29<sup>th</sup> January 2019**

On 29th January 2019, an awareness programme on First Responder was organized by National Disaster Response Force(NDRF) at the Azara Campus of the University where five persons from NDRF demonstrated various techniques to be adopted during a disaster.



Addressing the students, they explained the importance of having a sound knowledge how to respond in an event of a disaster as North East India falls under a high risk of earthquake – classified under zone 5. In an interaction session, they shared various tips and ‘to do’ list in an event of a disaster and showed the students how to take care of people who are injured. They showed the audience how to make a stretcher using a blanket and two rods, how to stop a bleeding from a bad injury, how to take care of head injury, giving CPR to someone with a heart attack etc and other life saving tips. The University conveyed its sincere gratitude to the NDRF for conducting such an awareness programme through which students learned valuable lessons on saving lives.

## **Faculty Development Programme, 7<sup>th</sup> -12<sup>th</sup> January 2019**

The Faculty Development Programme, Spring 2019 was held on 7-12 January 2019 at University's Tapesia Campus on a theme 'Towards Outcome Based Teaching – Learning Approach'.



The resource person was Prof. KC Kapoor, HoD, Department of Education and the faculty members of the Department of Education, Assam Don Bosco University. During this programme, Prof. KC Kapoor, who has over 34 years of teaching and had been training teachers in various states took the participants through various steps on how the University can achieve its goal of adopting Outcome Based Teaching – Learning Approach.

## **Republic Day Celebration, 26<sup>th</sup> January 2019**

The University on 26th January celebrated India's Republic Day by hoisting a flag and listening to speeches from the students and a short message from the Vice Chancellor at Tapesia Campus.

At Azara Campus, the School of Technology organized a special assembly on 25th where Mrs. Subra Mukherjee, Assistant Professor – Department of ECE, delivered a speech on the significance of Republic Day and how India became a Republic. All the students, faculty and staffs took a national pledge and the programme concluded with National Anthem.



## **International Women's Day Celebration, 8<sup>th</sup> March 2019**

International Women's Day celebration was organized by the Department of Social Work and Centre for Development Studies and Initiative at Assam Don Bosco University, Tepesia Campus.

The programme, organized as a thanksgiving and appreciation of local women who work in the University's garden, housekeeping etc also included a skit on 'Cancer awareness- marking the role of alcohol in cancer' performed by volunteers from North Eastern Cancer Institute.



After felicitating 29 women who attended the programme with traditional gamucha, Fr. Stephen Mavelly, the Vice Chancellor expressed his sincere appreciation for their contribution saying, “The first thing any visitor of the campus notice is how beautiful, clean and well maintained the campus is and that is because of your hardwork, love and care.

‘Diya Diya’- a video on violence against women was shown to help them realize the importance of knowing their rights and also to have the strength to stand up to such an abuse. The video also encouraged to save a girl child and portrayed girls excelling in various field – such as social, cultural, economic and political. The programme concluded with a session “Women’s Adda – Women’s health and hygiene” facilitated by Ms. Bibharani Swargiary, Assistant Professor, Dept. of Social Work, who also showed the procedure of making sanitary cotton pads at home. The Department of Social Work and CDSI are grateful to Barfu Nazary and Jiusa Narzary for contributing the gamucha from their piggybank and Ms Hazel Wahlang for the refreshments.

## **NSS Integration Camp at the University, 9<sup>th</sup> March 2019**

The Regional Directorate of National Service Scheme (NSS), Guwahati, in collaboration with the Ministry of Youth Affairs and Sports, Government of India and Assam Don Bosco University organized a six-day National Integration Camp at Tapesia Campus of the University. Mr. Ramesh Chandra



Borpatra Gohain, who is the Advocate General of Assam, officially inaugurated the integration camp on 9 March 2019 at 11 a.m. The Inaugural Function was presided by Fr (Dr). Stephen Mavelly, Vice Chancellor, Assam Don Bosco University along with invited dignitaries Mr. Dipak Kumar, Regional Director, NSS, Mr. Nabin Kr. Sarma, Advisor, USTM, Pro Vice Chancellor Fr Joseph Nellanat, ADBU and Fr (Dr) Biju Michael, Registrar, ADBU.

A little over 200 NSS participants and 9 NSS Programme Officers from across 14 states participated in the camp from 8 to 14 March 2019. NSS NIC events included technical sessions on life-skills, Self-Defence, Shramdaan, literary competitions, outdoor games, cultural programmes, community engagement programmes, adventure sports, and trekking activities. Through this event, the NSS aims at

promoting unity in cultural- diversity and enhancing social responsibility. NSS was launched on 24th September 1969 by the then Education Minister Dr. V.K. R.V. Rao. It is an initiative taken for the higher National education system to inculcate a spirit of service among students, through first-hand community engagement programmes, while they pursue their studies.

## **North East NSS Festival, 18<sup>th</sup> to 22<sup>nd</sup> March 2019**

In order to inculcate a sense of responsibility and social commitment among the youth of North East India, the Regional Directorate of NSS, Guwahati in collaboration with the Ministry of Youth Affairs and Sports, Government of India and Assam Don Bosco University, Sonapur organized a five day North East NSS Festival from 18 to 22 March 2019 at the Tapesia Campus of the University.

Patricia Mukhim (Padma Shri awardee), Editor, Shillong Times was invited as the chief guest at the inaugural programme. Other dignitaries who graced the occasion include Fr. (Dr.) Stephen Mavelly, Vice Chancellor of Assam Don Bosco University, Fr. (Dr.) Biju Michael, Registrar of the University, Dr. Tushar Rane, Chief Field Office, UNICEF Assam, Mr Vara Prasad, CEO, Assam Cancer Care Foundation, Mr Saiyyad Ali, State Director, Nehru Yuva Kendra, Mizoram, Mr Dipak Kumar, Director,



Guwahati Regional Directorate of NSS and Dr. Riju Sharma, Director of Humanities and Social Sciences, Assam Don Bosco University.

The event saw 637 NSS Volunteers and 12 NSS programme officers from 14 Universities and colleges from across eight northeastern states, participating in the festival and took part in Life skills education along with games, adventure sports and trekking, literary competitions, art and elocution competitions, and an educational tour of the city. At the closing ceremony held on 22 March, Retired Army Brigadier Mr. William Sturgeon, Meghalaya Vigilance Officer was the Chief Guest. While congratulating the NSS volunteers from the eight states he said, “The task of volunteerism is of vital importance to the nation and its people. We must do things which the community wants, not what one feels like doing. You must keep in touch with the community. Community welfare services must be conducted after a lot of deliberation and planning.”

## SCHOOL OF TECHNOLOGY

### **DRDO Robotics & Unmanned Systems Exposition (DRUSE) Competition, 6<sup>th</sup> April 2018**

Three teams mentored by Asst. Professors – Ms. Bobby Sharma, Mr. Rupesh Mandal and Ms. Nupur Choudhury made it to the Zonal Round in a national competition organized by the Defence Research and Development Organisation (DRDO) titled “DRDO Robotics; Unmanned Systems Exposition (DRUSE)” held at IIT Gauhati on 6th April 2018, and were awarded Rs. 10,000 each. More than 1500 teams across the country participated in this event. Each team was supposed to submit a proposal in an online portal. The exposition was to be theme-based, however, the themes were not meant to restrict other ideas of relevance to potential defense applications. Participants showcased their problem-solving capabilities considering utilization to defense applications. The aim of the participants was to convince the screening committee on two primary fronts – (a) of the utility of the idea and, (b) the capability to convert that idea into a reality.

### **Inter College Electrical Quiz Competition, 24<sup>th</sup> April, 2018**

The second edition of Inter College Electrical Quiz Competition (ICEQC-2018) was organized by the Department of Electrical and Electronics Engineering (EEE) on 24th April, 2018.



A total of thirteen teams from different engineering colleges and universities participated in the competition. The team of Kangkan Bhuyan and Gaurav Deb of Girijananda Institute of Management and Technology, Guwahati won the first prize, while the team of Sagar Tiwari and Parmanand Pathak from Regional Institute of Science and Technology and the team of Chinmoy Haloi and Deepjyoti Deka from Girijananda Institute of Management and Technology, Guwahati bagged the second and third prize respectively. The event was co-sponsored by Aashaa Bora Foundation, Khanapara with Red Bull as refreshment partner. The prize money was generously co-sponsored by Prof. Shakuntala Laskar, HoD of EEE Department.

## **Royal Enfield Training Center at Azara Campus, 11<sup>th</sup> May 2018**

The University has been focusing its teaching-learning process on imparting practical skills to the students, thus, acting as a bridge between the industry and academia. Keeping this in mind, the Mechanical Engineering Department has tied up with Royal Enfield to start a training centre at Azara campus. The inauguration of this training center was held on 11th May, 2018, where Prof. Manoranjan Kalita, the Director of the School of Technology, welcomed the dignitaries from Royal Enfield and the University.



Addressing the gathering, Mr. Anand J Joseph, Group Manager, HR, Royal Enfield thanked the University for such a partnership which he hopes will usher in a new way of learning experience for the students of Mechanical Engineering. In this short inaugural programme, Mr. Kaushik Batu, Regional Service Manager of Royal Enfield, North East, also gave reports on the initiatives being undertaken by the Company in the North East region, upcoming training programmes and Centers.

## **Two Week Summer Training cum FDP on Embedded Systems, 4<sup>th</sup> -16<sup>th</sup> June 2018**

The Department of Electronics and Communications organized a ‘Two Week Summer Training cum Faculty Development Programme on Embedded Systems’ from 4-16 June 2018, at the School of Technology, Azara campus, in collaboration with Innovation Systems Plus, Bangalore. This program mainly focused on the basics of Embedded Systems and it offered a unique opportunity to the participants to master the embedded systems design skills through a series of tested learning solutions which included intensive hands-on labs on the latest Texas Instruments Platforms, case studies, and project design etc., participants also learned about Architecture of advanced Texas Instruments Microcontrollers, Design goals and selecting a specific MCU, Integration of Software Design Tools and Hardware Communication Protocols, Analog and Digital Interfaces Displays, Debugging Applications, and IoT Integration.



23 participants from different engineering disciplines of the School of Technology attended this programme coordinated by Dr. Jhimli K Das and Ms. Hemashree Bordoloi.

### **NSIIAAD 2018, 4<sup>th</sup> June to 15<sup>th</sup> June 2018**



The Department of CSE & IT organized a two week National Level Workshop cum Summer Internship on IoT and Android Applications Development (NSIIAAD'18) from 4th June to 15th June 2018 in collaboration with Digitalant.in, Guwahati and Usense Innovative Solutions Pvt. Ltd., Guwahati, with a primary objective to expose and acquaint the participants with state of-the-art tools and technologies in MEAN Stack, Internet of Things (IoT) and Android Applications Development. The workshop was conducted in a full-time mode, involving lectures, practical sessions, demos and hands-on practices that ran over twelve days and consisted of forty-three technical sessions including group project development competition. The workshop was coordinated by Ms. Usha Mary Sharma, Asst. Professor, Ms. Smriti Priya Medhi, Asst. Professor and Mr. Alexy Bhowmick, Asst. Professor. Dept. of CSE and IT.

## **Symposium on ‘Nanotechnology in Electronics: Ushering in Nano and Molecular Electronics’, 11<sup>th</sup> August 2018**

The symposium on “Nanotechnology in Electronics: Ushering in Nano and Molecular Electronics” was organized by the Department of Electronics and Communication on 11th August 2018.



Prof. Sunandan Baruah gave lecture on a topic-“Nanoelectronics: New concepts in transistor design”. He started the talk by putting questioning the gathering, “Are we happy with our cell phones?”, and showed a video that explained how future cellphones may look like if nanotechnology is employed in it. Prof. Pranayee Datta, Dept. of Electronics Communication and Technology, Gauhati University took a session on “Passive Nano-electronics Components” and. Quantum Mechanics, Memristor and Memristor Biosensor. Dr. Hassan Mujtaba Jafri of Uppsala University & Mirpur University of Science and Technology, took over the next session on “Molecular Electronics”. The Final Session was a panel discussion, where Prof. Sunandan Baruah, the moderator invited the panelists Dr. Indrani Dakua, Asst. Professor, Dept. of ECE, ADBU and Mr. Kumares Sarmah, Asst. Professor, Dept. of ECT, Gauhati University to express their views.

## **Invited Talk On ‘Opportunities In UI/UX Designing’, 4<sup>th</sup> October 2018**

The Department of CSE&IT organized an invited talk on “Opportunities in UI/UX Designing” on 4th October 2018. The resource person for the talk was Prof. Pradeep Gururaj Yammiyavar from the Department of Design, IIT Guwahati, a senior professor with 30 years of academic experience working in the area of multi and interdisciplinary design programmes related to Innovation, Management & Technology, also a specialist in innovation, user centered design, usability engineering and information technology. He spoke on the importance and applications of design in the areas of computer science, information technology, mechanical engineering, electrical and electronic engineering, and other related areas. Also case studies on user interface design (UI) and user experience (UX) for mobile applications, and social networking. It was an eye opener towards career opportunities in UI/UX design for the participants. The talk was attended by 100 students from M.Tech, B.Tech, MCA, BCA and also by faculty members from the department.

## **Blind Walk - Project Vision, 11<sup>th</sup> October 2018**



The NSS Unit of the School of Technology participated in the World Blind Walk organized by Project Vision on the occasion of World Vision Day to spread awareness for eye donation with the help of various organisations on 11th October, 2018. The Blind Walk programme was organized on the busy street of Panbazar – from Food Villa to Don Bosco School at 6.30 am. More than 200 people participated in the Blind Walk guided by fifty visually impaired students from Montfort School, Jorabat and Jyoti Niketan, Narengi. The walk was supported by Rotary International, Lions International, Rotaract Club of Guwahati Luit, FAsCE India, Art of Living, NavJan Trust and Assam Don Bosco University. Twenty NSS volunteers accompanied by two faculty members and the Director of the School of Technology, Prof. Manoranjan Kalita participated in the walk.

## **Invited Talk on ‘IoT: the next Big Billion Dollar Wave, 30<sup>th</sup> October 2018**



On 30th October 2018, Mr. Dhrubajyoti Sarma, AVP and Head of Engineering, KPIT Technologies Ltd was invited to give a lecture on ‘IOT: the next Big Billion Dollar Wave’ at the Department of

Electronics and Communication, School of Technology, Azara Campus. Mr. Sarma started the talk with a brief discussion on IOT and the IOT based products designed by KPIT Technologies Ltd. He also showed some demonstration videos of the products made by them. He discussed about how ideas can be realized into systems to solve common human problems through IOT. He also spoke about various terminologies used in IOT and its probable future growth and discussed about the scope of further studies and job opportunities for students in the field of IOT.

## **MoU With Nanoinformatics, 5<sup>th</sup> November 2018**



An MOU between Assam Don Bosco University and Nanoinformatics was signed on the 5th of November, 2018 at the Azara campus of the University. It was signed by Fr. Joseph Nellanatt, Pro Vice Chancellor, ADBU and Mr. Atiqure Rehman, Managing Director, Nanoinformatics, in the presence of Dr. Manoranjan Kalita, Director, School of Technology, ADBU, Dr. Sunandan Baruah, Director, Center of Excellence for Nanotechnology, Dr. Pranab Das, Head of the Department, Computer Science & IT and Mr. Shahnawaz Hussain, Training and Placement Officer, ADBU.

Recognizing the importance of research and development in the areas of IOT based ERP Solutions, as well as imparting industrial training to the engineering/technology/sciences students, the University has formed an association with Nanoinformatics, where in various specialized training would be given to the students and they would be assigned with live projects straight from the Industry. Nanoinformatics is engaged in manufacturing of IOT based ERP Solutions, research, design and development and consultancy in the field of IOT based ERP Solutions and related fields. This MOU between ADBU and NANOINFORMATICS has been signed with an objective for enhancing, within the country, the availability of highly qualified manpower in the areas of IOT based ERP Solutions.

## **Industrial Visit By Engineering Students, 10<sup>th</sup> November 2018**



The First Semester students of Civil Engineering and Mechanical Engineering on 10th November 2018, paid a visit to M/s Assam Tube and M/s Supreme Plastic Industries. This visit was organized to cover practical/on-shop part of topics like moulding, Metal casting, Forming & Plastic moulding, which are newly included by AICTE under the subject “Workshop/ Manufacturing Practices”. During this visit, students witnessed how finished products like Flat Bars, TMT Bars, Angles, Channels etc. are made from metal scrap. Along with the Soaking and Heating zones of the furnaces, they were shown the processes of making billets from the molten metal, various hot rolling & cold rolling operations.

## **Workshop on Arduino and Raspberry-Pi (WAR-2019), 16<sup>th</sup> -17<sup>th</sup> February 2019**



The fourth edition of a two-day Workshop on Arduino and Raspberry-Pi (WAR-2019) was organized by the Department of Electrical and Electronics Engineering (EEE), School of Technology on 16-17 February 2019 at the Azara campus of the University.

The workshop kicked off with a formal inaugural session, lighting the ceremonial lamp by the dignitaries and a prayer by Pro Vice-Chancellor of ADBU – Fr. Joseph Nellanat. Prof. P. K. Brahma-Director of Girijananda Institute of Management and Technology (GIMT), Guwahati and Ex-Principal of Assam Engineering College, graced the occasion as the Chief Guest; along with the other dignitaries from ADBU- Mr. P. Joseph (HoD, Dept. of HSS), Prof. Shakuntala Laskar (HoD, Dept. of EEE), and Faculty and Staff Members of EEE.

The objective of the workshop was to give the participants an insight of various applications of Arduino and Raspberry-Pi, the former being an open-source platform to develop engineering projects whereas the latter is a handy small single-board computer. Covering from the basics, this workshop included Hands-on projects using Arduino and Raspberry-Pi, which are the latest trends in many electrical and electronics applications. The resource persons of the workshop were Assistant Professors of the Department – Mr. Gitu Das and Mr. Jyoti Kumar Barman; assisted by other faculty members – Mr. Papul Changmai, Mr. Sunil Deka and Mr. Hironmay Deb. A total of 18 students from various colleges in the State participated in the Workshop.

## **Amazing Nano 2019, 25<sup>th</sup> February to 2<sup>nd</sup> March 2019**



A Short Term Training Programme on Nanotechnology christened “Amazing Nano 2019” was conducted from 25th February to 2nd March 2019 by the Center of Excellence in Nanotechnology (CoEN), ADBU & Dept. of ECE, SoT, ADBU in collaboration with IASST, Guwahati and IIT Guwahati. Several

The six days long STTP started with an inauguration in presence of Rev. Fr. Joseph Nellanatt, Pro-VC, Assam Don Bosco University, Convenor Prof. Sunandan Baruah, Director, Center of Excellence in Nanotechnology, Assam Don Bosco University, and other dignitaries. The Convenor, gave an overview of the STTP and presented to the gathering the release of the first issue of nanoFlash, e-magazine of the Center of Excellence in Nanotechnology (CoEN) at Assam Don Bosco University. Several Resource persons within the University, Dr. Indrani Dakua, Mr. Karen Das, Senior Asst. Professor, SoT, ADBU, and from without, Prof. Panayee Datta, Gauhati University took sessions. The concluding session for the day was taken by Prof. Parameswar K. Iyer, Professor, Dept. of Chemistry, IIT Guwahati on “Bright Organic Nanomaterials”

In the valedictory function the participants expressed their views and experiences on the workshop and the certificates were given out by Dr. P. K. Boruah, Gauhati University. Prof. Sunandan Baruah announced the winners of the idea generation competition and Mr. Arup Borah gave away the prizes. The workshop was declared close with a vote of thanks from the Co-Convenor.

## **Industrial Visit By EEE, 28<sup>th</sup> February 2019**

As a part of the regular field visit, a group of 27 students from B.Tech. 8th semester and 2 faculty member of Electrical and Electronics Engineering (EEE) Department, visited the site of 400 KV Grid Sub-Station under AEGCL situated at Kukurmara, Mirza (Assam) on 28 February 2019. Two of the faculty members from EEE department- Mr. Sunil Deka and Mr. Papul Changmai accompanied the

students. The purpose of the visit was to give an idea to the students about the real world operations of electrical systems and related issues and to bridge the industry-academia gap.



Mr. Rakesh Shah from AEGCL guided the students' visit in which they learned about various equipments and sections of the substation. Mirza substation has two incoming lines from Bongaigaon and Silchar. The substation has six transformers (to step down to a voltage of 200KV, 132KV, 33KV) and one auxiliary transformer of 80 KVA 33/0.415 kV to supply the loads in the substation. The students also visited the control room of the substation that consists of computerized

system, two surge panels (which are connected with various equipment using optical fiber cables), relay units, etc.

### **One Week Training on Masonry and Bar Bending, 11<sup>th</sup> -16<sup>th</sup> March 2019**



The Department of Civil Engineering, Assam Don Bosco University, in association with Numaligarh Refinery Limited (NRL), conducted a one week Mason Training Programme under the banner of SWABALAMBAN 2019 from 11-16 March 2019. The objective of this programme was to enhance theoretical knowledge and practical skills of unemployed local youth who would want to pursue civil engineering construction works, bar bending and steel fixing occupation as a means of livelihood. 21 participants were benefitted out of this training.

## **One Week Training on Welding, Fitting and Carpentry, 11<sup>th</sup> – 16<sup>th</sup> March 2019**

The Department of Mechanical Engineering, successfully conducted the training programme on Welding, Fitting and Carpentry from 11 – 16 March 2019 under the banner of Swabalamban 2019. The training was divided into three phases. First, a brief introduction to the workshop was given to the participants where they have been introduced to various safety procedures to be followed while working with various machines and tools. Next, they were briefed with standard procedures to be followed for operating the machines and tools required for fabrication. Third, the details of the product to be designed and fabricated were demonstrated to them. This was followed by hands-on experience sessions for the participants. The sole objective of the free training programme was to impart skills required for taking up welding, fitting and carpentry as a livelihood. 24 participants took part in this training programme.



## **College Electrical Quiz Competition, 28<sup>th</sup> March 2019**



The third edition of the annual Inter College Electrical Quiz Competition (ICEQC-2019) was organized by the Department of Electrical and Electronics Engineering (EEE), on 28 March 2019 at Azara Campus. Twenty-two teams from different engineering colleges and universities across northeast India

participated in the competition. After a written test, six teams were selected for the final round, and were named after pioneers of electrical engineering, viz., Kirchhoff, Tesla, Faraday, Maxwell, Henry and Edison. Mr. Jesif Ahmed, Asst. Professor (Senior) was the Quizmaster. The team Kirchhoff Team from Girijananda Chowdhury Institute of Management and Technology, won first prize, while teams of ADBU bagged the second and third prizes respectively. All the winning teams were awarded cash prizes, mementos and certificates

### **A Talk on ‘Electrical Safety’ By NPTI-NER, 30<sup>th</sup> March 2019**

A talk on Electrical Safety was organized by National Power Training Institute (NPTI), NE Region for the B.Tech students of Electrical and Electronics Engineering (EEE) Department on 30 March 2019 at the Azara campus of the university. Mr. Sambit Gantayat, Deputy Director of NPTI-NER, delivered the talk, which was attended by all the B.Tech 6th and 8th semesters students of the department. The primary objective of the programme was to make the students aware of electrical safety in both domestic and industrial applications. It is worth mentioning here that the EEE Department regularly organizes lectures and symposiums by Industry Experts in an attempt to bridge the industry-academia gap and make the students Industry-ready once they graduate from the University.

## **SCHOOL OF COMMERCE AND MANAGEMENT**

### **Debate cum panel discussion , 6<sup>th</sup> August 2018**

The Department of commerce and management, ADBU conducted a debate cum panel discussion on 06 August 2018 at 2 pm in the Auditorium at Azara Campus. The topic for the discussion was "Black Economy of India: Extent and its measures".

Along with students , participants included faculty, staff and management members to encourage the students who participated in the discussion and gave their valuable inputs.

### **NAAC Peer Team Visit, 9<sup>th</sup> May 2018**

On May 9, the NAAC peer team visited the DBIM campus, Kharghuli. This was part of the NAAC re-assessment process which was undertaken by ADBU

Fr. Johnson, the Executive Director, welcomed all the members of the peer team into an enthusiastic gathering at the amphitheater. This was followed by a traditional felicitation into the institute after which Father Johnson gave a brief overview of the plethora of programmes and activities of the institute. One the peer team members, Dr Ganesh A. Hedge, the coordinator expressed his profound sense of exuberance to be among such an enthusiastic and enthralling ambience. He lauded the institute's

activities in skilling the youth of the region and expressed his profound sense of appreciation for the commendable effort of the institute.

This was followed by a brief presentation by Mr. Chandan Dutta, Coordinator of MBA programme at the Director's board room. The peer team members interacted with the Director of DBIM, Fr. (Dr). P. D. John and other faculty members regarding the various nuances of the MBA programme.

### **New student orientation , 4<sup>th</sup> -7<sup>th</sup> July 2018**



DBIM started off with its tenth batch this year with vibrant colors. Presenting the best example of unity in diversity DBIM chose its students from diverse cultural backgrounds. This year we have students from Myanmar and Bangladesh. A new student orientation program was organized on the 5th and 6th of July.

The orientation program had begun with Dr. (Fr.) P. D. John, Director DBIM, and the faculty members, interacting with the parents and guardians of the new admits in an open house on the afternoon of July 4. The faculty elaborated on the kind of teacher-student relationship that is given importance in the program. The open session was preceded by a session on the hostel rules and regulations. July 7 saw the culmination of the orientation program for the new students with the completion of the administrative formalities.

### **Extension Lecture by Mr. Rupak Gogoi, Film Director, 14<sup>th</sup> July 2018**

Mr. Rupak Gogoi, Renowned Film Director, interacted with the MBA students on July 14, 2018. This was a part of the extension lecture initiative at DBIM. Mr. Gogoi recently shot into fame with his movie – “Gangs of North East”. Dr. (Fr.) P. D. John, accorded a warm welcome to Mr. Gogoi and introduced

him to the MBA students. Mr. Gogoi enlightened the students about his story of success through thick and thin on his journey to soar beyond his dreams of vision and creativity.

### **Industry Visit to Bhabani Press, 11<sup>th</sup> and 18<sup>th</sup> August 2018**



DBIM MBA students visited Bhabhani books and publisher offset Pvt Ltd at Panikhaiti, Guwahati. 2nd year MBA students had this visit on August 11 and the 1st year MBA students completed their tour on August 18. The unit that the students visited focused primarily on printing and publishing books.

Mr. Pankaj Goswami, the manager addressed the students and made a presentation introducing Bhabhani Books and Publishers. He explained about the functioning of the unit and the different process of job costing. He also described how each level of operation and their outputs are put together accurately. Later he showed the students different functional areas such as stitching, binding, lamination, cutting, printing, and the like. This trip was highly useful for the students in terms of practical knowledge about printing and everything that goes in making a book. This experience will also be helpful for the students to find placement opportunities in such industries.

### **IAS Induction Training 31<sup>st</sup> August 2018**

A batch of 24 IAS inductees came for a day long training at DBIM on August 31, 2018. Fr (Dr) P D John, Rector and Director, DBI and DBIM, accorded them a warm welcome after which the training sessions began. The first session was on “Conflict Resolution and Stress Management”. The second session was on “Workplace Culture” and the final session (post lunch) was on team building. conducted by Mr. Chandan.

## **Julhash Ali Library Day, 6<sup>th</sup> October 2018**

The much awaited Julhash Ali Library Month closing ceremony was held on Saturday 6th October at 10 a.m. Dr (Fr) Biju Michael, Registrar, ADBU, Sri. Milton Queah, IAS former chief secretary, Govt of Assam were the guest of honor for the event along with Dr (Fr) P.D John, Director DBI DBIM graced the occasion.



The chief guest Dr (Fr) Biju Michael, Registrar ADBU congratulated the winners of elocution competition, the Quiz competition and talked about the hierarchy of readers, the benefits of reading and shared inspiring stories of well-known people who love reading.

The young achievers were awarded with trophies and certificates by the chief guests, who highly appreciated each competition which adds to the benefit of learning of the students and applauded the visionary element of the institute which develops their potential in academic field.

Further Sri. Milton Queah our second chief guest also congratulated the winners and the participants. He talked about how we can be good manager by sharing his life experience and giving some words of encouragement to the students.

## **Industrial Visit, 2019, 4<sup>th</sup> February 2019**



The department of Commerce arranged an industrial visit to the final year students of BCom to SRD Group of Companies, Mangaldoi, Assam. Dr. Bijumani Das, HoD, Dept. of Commerce, Mr. Amit Saha, Asst. Professor and . Ms. Bijita Sarmah, Asst. Professor accompanied the students. The students were shown to all the processes involved from the preparation of the products to packaging and selling. The objective of the industrial visit was to enable students to have exposure to all the business aspects of theories learnt in their academics.

## **Seminar on Foundations of Effective Career Planning, 6<sup>th</sup> February 2019**

Seminar on Foundations of effective career planning was conducted by the department of Commerce on



6th February, 2019 at the Azara campus. It

was attended by all the students and faculty members of Commerce. The

seminar was divided into 3 sessions of career planning, which was held in Conference Hall and in the Auditorium.

Session 1 was on Goal Setting by Mr. Amarjit Deb, Assistant Professor, Department of Commerce, Assam Don Bosco University. Session 2 was an elaborate briefing on 'How to Crack Civil Services Examination', which was

addresses by the resource persons from

Northeast Institute of Advanced Studies, Mr. Sankar Ray, Mr. Ayush Babu and Mr. Aashay Kumar Purandare. Finally Session 3 was conducted by Anirban Sharma, Assistant Professor, from the Dept. of HSS and Commerce.

## **National Education Day, 11<sup>th</sup> November 2018**



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. This year November 11 was a Sunday and hence the day was observed as part of the DBIM Prajjwal initiative. The faculty coordinator

for Prajjwal, Mr. Hrishikesh, assisted by Mr. Abhinav, spoke at length about the contributions of Maulana Abul Kalam Azad in transforming the education scenario in India and the importance of education in socio-economic upliftment of the society. This was followed by various competitions like essay writing, drawing and poetry recitation for the poor students of the neighborhood who participate in Prajjwal.

### **Project based learning trip to Siloam, 28<sup>th</sup> Nov - 2 December 2018**



The 1st year MBA students started their trip to Siloam, Umiam on November 28 and were accompanied by Fr. P. D. John, the Director, Sr. Magdalene, Mr. Chandan Dutta, the Program Coordinator, and Ms. Pinky Sarkar, the MBA Event Manager. The trip was designed to expose the students to project based learning, leadership skills and social responsibility.

Fr. George Palamattathil, Director, Siloam Wellness Center, conducted sessions on leadership and life skills. The crux of the training was an emphasis on turning events into experiences and how a leader should be able to own up responsibility in case of failures and project the entire team in case of success.

### **TALLY workshop by Fr. (Dr.) Francis Fernandez 28<sup>th</sup> – 30<sup>th</sup> January 2019**



A three-day training session on Tally was organized for the 1st year MBA students from 28th to 30th Jan 2019. Fr Francis Fernandez, Controller of Examinations of the university was the resource person. The sessions were conducted daily from 9:30 am to 5:00 pm.

The purpose of the session was to educate the students on the importance of Tally ERP-9 software for simplifying the accounting

methods and procedures. They were trained on creating /selecting any company and group creating. A detailed lecture on accounts and voucher entries were discussed along with practice session on individual basis. The students were also taught about creating and extracting the financial statements and other statements related to inventory management, depreciation accounting and VAT procedure and records. The students were given practical exposure of the software so that they can enhance their skills and knowledge and apply them in various aspects of their daily / professional activities.

## **Extension lecture by Mr. Siddhartha Choudhury, Founding CEO of Credence, 11<sup>th</sup> February 2019**

On February 11, 2019, the Founder and CEO of Credence Management Solutions, USA, visited DBIM for an interactive session with the MBA students. Mr. Siddhartha is a past pupil from Don Bosco School Guwahati and an alumnus from IIT Kharagpur. He is the founder and CEO of Credence Management Solutions offering technical and service consultancy to the US Department of Defense. Though an American citizen now, he always visits his beloved Assam and promotes upcoming entrepreneurs of the region.

Mr. Sid, as he is commonly called, told the MBA students that success in an entrepreneurial venture depends solely on the individual. Other barriers like lack of capital, bureaucracy etc. always had a work around if only the entrepreneur was keen to take on the hardships head on and keep the passion and focus. He also emphasized the need to successfully monetize an idea or a plan as businesses need to be profitable for sustainability. He asked a few students about what they wanted to do as entrepreneurs. He took one of these as an example and talked of the importance of finding out the need. Without a need, no idea could be successful. Very often, the thought that an idea or business plan will be successful, if often the entrepreneur's individual opinion. In such cases, monetization becomes extremely difficult.

Other eminent entrepreneurs from Assam, present during the lecture were Mr. Manoj Jajodia from Jajodia Furnitures, Mr. Rajdeep Ojha from Ojha Hyundai and Mr. Anabil Goswami from Aarohan Foods.

## **Prajjwal Day, 10<sup>th</sup> March 2019**



The program started off at 10 a.m. as soon as Dr (Fr) P D John, Director of DBIM and our esteem guest arrived. Mr. Kaushik Barman, MBA 1st Year, the master comparer began with a few introductory words about Prajjwal. The event began with a prayer song by the Prajjwal students followed by a welcome speech by Miss. Puja Nath, MBA 1st year, welcoming everyone and felicitating the chief

guest, Dr (Fr) P D John, Sr Magdalene and the MBA faculty. Lighting of the lamp was formally carried out by the members of Prajjwal amidst the presence of everyone in the program. The program then started off with various entertaining events performed by Prajjwal students. These events gave a lot of fuel to the program as the kids had the best time of their lives singing, dancing, poem recitation etc. They enjoyed the performances to their fullest. The kids performed a beautiful prayer dance, and a skit that taught the importance of a proper education for all irrespective of their gender.

These amazing activities finally came to an end with the prize distribution ceremony. The stars of Prajjwal were facilitated with gifts. The rest were also not forgotten as notebooks were gifted to each student who attended the event. It was an unforgettable experience as it has taught us that no matter what tribe, caste or culture we belong to, we can do wonder for all, whether privileged or underprivileged kids for that matter. Mr. Hrishikesh, faculty coordinator of Prajjwal, proposed the vote of thanks.

## SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

### **National Seminar Cum Workshop On Mental Health And Social Work Practice, 26<sup>th</sup> - 28<sup>th</sup> April 2018**

A two-day National Seminar on Mental Health and Social Work Practice, organized by the Department of Social Work, Assam Don Bosco University in collaboration with Lokopriya Gopinath Bordoloi Regional Institute of Mental Health, Tezpur, and Gauhati Medical College and Hospital, Guwahati drew to a close on the 28th April 2018.



The two-day national seminar hosted a symposium, paper presentations, and workshops facilitated by renowned experts from across the country. Dr Rajaram Subian, International Psychosocial Consultant & Trainer, Executive Director – Basic Needs India; Dr. Sonia P Deuri, Professor, LGBRIMH, Tezpur; Dr Kavita V Jangam, Asst. Professor, NIMHANS, Bengaluru; Dr Anjana Goswami, Founder, Ashadeep, Guwahati, to name a few, presented papers and facilitated workshops. In the concluding session held today at the Crystal Hall, Dr. Biju Michael, Registrar, ADBU, said, “Resilience is all about how we go through challenges. Troubles that we go through create changes we

do not choose but healing is all about changes we choose. Two days spent on how to initiate healing among those who go through trouble have been very meaningful.” Dr. Michael appreciated the presence of the rich pool of the resource persons and participants from across India and expressed his gratitude and appreciation to all the collaborators.

Dr. Bornali Das, Assistant Professor, GMCH, Ms. Shanthalembi Lisham, Assistant Professor, ADBU, and Ms. Ainamlin Dkhar, Assistant Professor, ADBU were the Convenors of the seminar.

## **International Student Volunteer Exchange 2018, 7<sup>th</sup> June - 9<sup>th</sup> July 2018**

The International Student Volunteer Exchange Programme 2018, which began on 9th June concluded today, 7th July 2018. 15 volunteers from the Department of Social Work of Don Bosco University and 16 volunteers from University College Dublin Volunteers Overseas had been working in 5 villages - Sagoligaon, Hathimurah, Medhikuchi, Morangabari and Jugdhol in the panchayats of Kamarkuchi and Digaru, Assam, India.



The volunteers engaged in various activities including community mobilization, awareness campaigns, the performance of street plays and flash mobs, Anganwadi renovation, games and sports for children, youth and women to name a few.

The objectives of the programme were:

1. To channel the skills, energy, and enthusiasm of university students into projects which enhance the development of marginalised and underprivileged communities.
2. To create space and opportunity for university students from ADBU, India and University College Dublin (UCD) Ireland to share learning and experience in the areas of participatory community development and social outreach.
3. To enhance intercultural awareness between students and communities for the purpose of increasing global solidarity and interconnectedness.
4. To promote an attitude of appreciation for other cultures, practices, and traditions.

## **Puppet Show and Street Play, 12<sup>th</sup> and 16<sup>th</sup> May 2018**

The B.A 2nd semester Mass Communication students of Assam Don Bosco University staged two traditional media performances in Sonapur area on 12th and 16th May 2018. On the 12th of May, issues of 'child education' and 'alcoholism' were addressed in street plays at Sonapur market. These two topics were chosen after a thorough research on social issues being faced by the locals in the area. The plays attracted more than a hundred people from different walks of life. On the 16th of May, the students also staged Based on observations in nearby schools of Kamarkuchi village, the mass communication students staged two puppet shows on the themes 'health and hygiene' and 'water scarcity' in Kamarkuchi High School and Arun Sankar Bahadur Balika Vidyalaya. It was expressed by the teachers of the schools that the 'medium is a powerful and an interesting way to grasp the attention of the students especially of younger age.'



## **Capacity Building Programme, 1<sup>st</sup> -15<sup>th</sup> July 2018**

A 15 day Capacity Building Programme for faculty members of Social Sciences, sponsored by ICSSR, New Delhi was organized at the University's Tapesia Campus from 1-15 July 2018. Addressing the



participants at the inaugural session, Dr. Joshua Thomas, Deputy Director, ICSSR, North East Regional Center said, "A rich diversity, culture, and being located at international boundaries at three fronts make

North East India a perfect place for social science research. ....Look for new avenues of research, give a lot of importance to academic writing to maintain a high standard and vigour in research. We have to work hard because as a saying goes ‘If you want to shine, you have to burn’.”

The entire capacity building programme comprised of 45 sessions excluding the Inaugural and Valedictory sessions stretching over 62 hrs and 58 minutes. These sessions were guided by 10 experts and people of eminence in their own field:

Sl. No	Name	Theme of Deliberation
1	Prof. Dhruv Raina JNU, New Delhi	Development of Inter-disciplinary Research and Inter-disciplinary Approaches in Social Science Research.
2	Prof. Rohit Dwivedi IIM, Shillong	Module on Narrative Analysis
3	Prof. Walter Fernandes NESRC, Guwahati	Formulation of research problem in qualitative research and Qualitative study research designs and methods
4	Prof. Vinayak Srivastava An.S.I.	Models and theories and Analysis of Qualitative Research
5	Prof. A.K. Thakur NEHU, Shillong	Methods of data collection and Sample selection
6	Prof. Francis Fernandez ADBU, Guwahati	Fundamentals and essential of research and research Ethics
7	Prof. Biju Michael ADBU, Guwahati	Philosophical dimensions of Research and Review of literature,
8	Prof. JN. Vishwakarma ADBU, Guwahati	Importance of research and challenges therein & Research Proposal Writing
9	Dr. Rashmita Baruah ADBU, Guwahati	Statistical Techniques and tools (PSPP & Excel)
10	Prof. K.C. Kapoor ADBU, Guwahati	Hypotheses and Quantitative research designs

Right at the start of the first session, the participants were administered the pre-test and towards the end of the session a post-test to assess the level of learning and the outcome of the 2 weeks programme.

On the whole, the two week programme saw active academic rigour and engagements which gave insights into the new avenues of research in social sciences and encouraged the participants to build new theoretical constructs that can inform further research.

## **Pan-Asia Data Journalism Boot Camp, 14-15 July 2018**

The Data Boot Camp Northeast which is a part of Pan-Asia Data Boot Camp initiative was held at the Department of Mass Communication, Assam Don Bosco University on July 14-15, 2018. It is the first of its kind of the data boot camp in the Northeast region aimed to promote data-driven research and journalism by bringing together journalists and experts from other fields: data organisations, IT, businesses, and government agencies.



The two-day event was geared towards open data, fact-checking, writing and watchdog reporting and featured discussions on a wide range of topics including data journalism, fake news, tools for online verification, future of open data in Northeast, data in healthcare, political economy of disinformation and citizenship data. “The main idea behind the boot camps was to build conversation, engagement and collaboration in the Northeast region about open data,” said Syed Nazakat, founder and Editor-In-Chief of DataLEADS. “The boot camp initiative is recognised as a pioneering collaborative initiative in Asia and we are sure this one in Assam will open new windows of collaboration for journalists and other professionals in the region,” added Mr Syed. The distinguished speakers at the boot camp included co-Founder of Bohniman System, Abhijit Bhuyan, Director General Assam Police, Kuladhar Saikia, Editor of North East Live, Wasbir Hussain and senior journalist and author Paranjay Guha Thakurta. Google News Lab Lead (APAC), Irene Jay Liu, Professor at Columbia Journalism School, Raju Narisetti, Director of Global Investigative Journalism Network (USA) David Kaplan and CEO of Global Editors Network (France) Bertrand Pecquerie joined via video link. The boot camp was an initiative by DataLEADS, an Indian digital media organisation that runs a series of data journalism initiatives across Asia. The boot camp was supported by Google News Initiative, Global Investigative Journalism Network, Oxfam India, the Apollo Hospital, Media Nama (Delhi), Journalists’ Forum Assam and Assam Don Bosco University, Guwahati.

## **Specific Learning Disabilities and Remedial Education, 20th August to 1st September, 2018**

The Department of Psychology and Counseling in collaboration with North East Counsellors’ Association conducted a 12 day certificate course on ‘Specific Learning Disabilities and Remedial Education’ from 20th August to 1st September, 2018. The course primarily focused on the acquisition of in-depth knowledge in the area of Specific Learning Disabilities. The main resource person for the course was Ms Rumana Fatehi, President of Institute for Exceptional Children, Mumbai. Ms Fatehi is an expert in the field of SLD with an experience of more than 30 years.

During the first week Ms Fatehi focused on training the participants on SLD, the diagnostic criteria, screening and intervention for the same through case studies and handbooks of the children suffering from SLD. The participants were also given a detailed orientation about Curriculum-based assessment, Bloom’s Taxonomy and Individualized Education Programme (IEP). In addition, she also thoroughly

explained about the case documentation and practical work that the participants needed to carry out for completion of the certificate course.



The second week of the workshop was aimed at providing hands on training in the field with the assistance from experts from various allied fields like Occupational Therapy, Speech Therapy, Special Education and Counseling. Professionals with expertise in the field of SLD, Ms Meenakshi Borthakur, Dr Sangeeta Goswami, Dr Bani Chakraborty, Ms Manashi Devi, Ms Neel Harit Kaushik, were invited as Resource Persons with the aim of providing the participants a holistic idea in the area. They covered topics on Neuro- Developmental Disorder and Intellectual Disability, Communication Disorder, Autism Spectrum Attention Deficit Hyperactive Disorder, Sensory Integration Disorder, Role of other Professionals in helping children with SEN and Basic Skills in Counseling, Counseling Children, Parents, and Teachers, Life Skills Program and Social Skills Program. Another resource person, Ms Nivedita Tiwari also conducted a session on Arts Based Therapy to aid in the remedial education for the children.

As the workshop concluded after 12 days of theoretical sessions, the participants will be placed in various institutions where they will apply their theoretical learning in practical for a period of 1 month with a hope of acquiring practical knowledge on the same.

## **Workshop on HIV/AIDS Counselling, 4<sup>th</sup> October 2018**



The Department of Psychology and Counselling organized a one day workshop on 'HIV/AIDS Counselling' on 4th October for the students of Masters in Psychology and Counselling at the University. The guest speaker was Ms. Doly Barman, Counsellor, ARTC, Gauhati Medical College & Hospital who has 13 years of professional experience in this area of HIV/AIDS counselling. The

workshop was conducted to help students gain a clearer picture and an in-depth knowledge regarding this area of counselling. Topics covered in the workshop included various medium of transmission of HIV, preventive measures to be taken, how HIV/AIDS testing are done, how HIV/AIDS counselling can be provided to the individuals, specially to the couples etc. Some short films and videos related to HIV/AIDS were also shown to the students.

## **Foundation Day Celebration, 10<sup>th</sup> October 2018**

The Department of Psychology and Counselling observed the 6th Anniversary of its Foundation Day on 10th October 2018. This year, the celebration focussed on 'Multicultural Perspectives towards Wellbeing; North East India and its Stress Combat Strategies'. Students staged a short musical drama in the morning assembly and set up Stress Analysis Stalls, where students and staff could get their



perceived stress level measured by the Perceived Stress Scale and get a relevant feedback note. Around 200 people visited and got stress analysis test. Apart from this, the Department also organized a Poster Making Competition on the theme of the year, decorated the Atrium with Posters on Stress Awareness, Stick Your Comment Board, and a Photo Booth. The celebration ended with a movie evening and a review discussion and evaluation of the movie.

## **InSPA Best Performance Award to Dr. Sabiha, 11<sup>th</sup> October, 2018**

Dr. Sabiha Alam Choudhury, HoD Incharge of the Department of Psychology and Counselling, received the InSPA - P. K. Subbaraja Trust Best Performance Award which was presented during the inaugural session of the 8th InSPA International conference on School Psychology at Andhra University, Visakhapatnam on 11th October, 2018. This prestigious award is given to those who have contributed extraordinarily for the promotion of Psychology services in India. The award has been instituted by the P. K. Subbaraja Trust, Rajapalayam, Tamil Nadu. She is the only person from North East India to have received this Award in the year 2018.

## **Consultative Workshop on Fieldwork Education, 8<sup>th</sup> -13<sup>th</sup> October 2018**

A one-week 'Consultative Workshop on Fieldwork Education for Bachelor of Arts in Social Work Programme' was held at Tapesia Campus on



8-13 October 2018. The workshop was designed to orient a delegation from Samtse College of Education, Royal University of Bhutan

(SCE-RUB), on key components of fieldwork education within social work education. The workshop covered areas, such as, understanding of the fields of social work, models of fieldwork education, supervision and evaluation of fieldwork activities and learning. It also facilitated the development of a fieldwork manual for the BA in Social Work (BASW)

programme to be launched by the Samtse College of Education, Royal University of Bhutan, in Autumn 2019. This workshop was a part of the larger partnership which began in 2016, between the Assam Don Bosco University (ADBU) and the SCE-RUB, to share and facilitate knowledge sharing, programme development, research, and students' and faculty exchange. The workshop was attended by faculty of the SCE-RUB, namely, Dr. Ganeshman Gurung, Coordinator, BASW Programme, SCE, Dr. Sonam Daker, Dr. Ramesh Kumar Chhetri, Mr. Sangay Wangchuk, and Mr. Tshering Dorji, who is also on a deputation for pursuing his Master of Social Work from the ADBU. Facilitators for the workshop were Fr. (Dr.) Biju Michael, Registrar, ADBU, Dr. Riju Sharma, Director, School of Humanities and Social Sciences, Dr. Lukose P. Jacob, Head, Department of Social Work, Ms. Ainamlin Dkhar, Dr. Jacob Islary, Mr. Dominic Pendanam, Ms. Bibharani Swargiary, Dr. Joseph Riamei, Chairperson, Center for CODP, TISS Guwahati, and Mr. Victor Narzary. The workshop was coordinated by Mr. Victor Narzary, while, Ms. Memorial Khongkai and Mr. Tshering Dorji were the rapporteurs.

## **Presenting the University's Social Commitment Initiatives at IAU Conference, 13<sup>th</sup> -15<sup>th</sup> October 2018**



Mr. Victor Narzary, Assistant Professor (Senior), Department of Social Work represented the the University at the International Association of University's (IAU) 2018 International Conference on Higher Education Partnerships for Societal Impact, held at Kuala Lumpur from the 13-15 October 2018. During the conference he was also invited to present a paper entitled, "Reimagining

partnerships for societal impact: social commitment programmes of Assam Don Bosco University”.

The presentation was based on the rich experiences of the university’s diverse community engagement programmes. The unique model of the university’s social commitment programmes was well received and there was much appreciation for it among the participants. The University, being the Cluster Leader of the IAU Cluster on Sustainable Development Goal #7, Mr. Narzary also networked with satellite universities to augment the activities of the cluster.

## **Visit of Prof. Roberto Ravera, 23<sup>rd</sup> October - 1<sup>st</sup> November 2018**

Prof. Roberto Ravera, who is the President of Ravera Charity and Research Foundation, and Director of Ravera Children Rehabilitation Centre in Italy, and Dr. Martina Ardizzi, a



Post Doctorate fellow and a researcher in the field of neuropsychology, visited the university from the 23 October – 1 November 2018. During their stay, they visited and worked with the Department of Psychology and conducted rigorous workshops on several important topics related to neurobehavioral development, socio-emotional aspects, consequences of childhood and adolescence trauma on

neurobiological and emotional system, Research in the area of Neuropsychology and Trauma, Community based Violence and Consequences on Children’s Personality Development. Professor Roberto also conducted colloquia for the students of the university, sharing his field experiences, engaging the faculty and students in case studies in his area of expertise in child psychology and dealing with traumatized children. Prof. Roberto had conducted workshops for the students and faculty members last year too and this is his second visit to the University.

## **Community Children’s Day, 17<sup>th</sup> November 2018**



The Center for Development Studies and Initiatives (CDSI) of the University on 17th November organized a Community Children's Day at Medhikuchi Community Ground where local children from various villages participated in a number of activities organized for them. Apart from organizing party games and sports, the CDSI invited Dr. Anuradha Baruah, a renowned Children's Book writer and a retired Professor of Botany at Guwahati University, for a session of story reading. Dr. Anuradha Baruah has published 14 Children's Books and has received a number of awards including NCERT Award for best Children's Literature, Dr. Nirmal Prabha Bordoloi Sahitya Award, Pradip Sinpani Award etc and has also written a number of dramas for children and had regularly conducted children's programme on radio and television too. Dr. Anuradha donated 60 children books to the CDSI.

## **Self-Awareness Workshop for Canteen Staff, 31<sup>st</sup> October, 13<sup>th</sup> and 20<sup>th</sup> November 2018**



The Center for Development Studies and Initiatives (CDSI) in collaboration with the Department of Psychology and Counselling conducted three sessions of a Life Skills Programme for Campus Canteen Staff of Assam Don Bosco University on 31st October, 13th and 20th November 2018. The programme highlighted the 10 life skills given by the World Health Organization: Self-awareness, Empathy, Critical thinking, Creative thinking, Decision making, Problem Solving, Effective Communication, Interpersonal Relationship,

Coping with Stress, Coping with Emotion. The coordinators for the programme are Ms. Sampreeti Das, Assistant Professor, Department of Psychology and Counselling and Ms. Hazel Berret Wahlang, coordinator, CDSI.

## **Google Workshop on Investigative and Data Journalism, 19<sup>th</sup> March 2019**

In order to provide digital investigative skills to media persons, media educators and students of journalism, a daylong workshop on Fundamentals of Research, Investigative and Data Journalism was conducted by the Department of Mass Communication on 19 March 2019. The workshop was conducted by Google Teaching Fellow Ms. Geetiga Rustagi. This training was a part of Pan-India Training for journalists, media educators and journalism students conducted by Google News Initiative India Training Network across India who also conducted similar training across Indian cities. Some of the topics of the training included Fundamentals of Digital Investigation, Data Journalism, YouTube Live Streaming, Google Trends, Google My Maps, Digital News Gathering, Data Visualization Tools,

Emerging Trends in Data Journalism, Digital Security, and Safety and Career opportunities in Data Journalism.

## SCHOOL OF FUNDAMENTAL AND APPLIED SCIENCES

### Invited Lecture – Department of Chemistry, 15<sup>th</sup> September 2018

The Department of Chemistry organised an invited talk on 15th September 2018 at the Crystal Hall, Tapesia Campus. The speaker was Dr. Basanta



Kumar Rajbongshi, an Assistant Professor in the Department of Chemistry at Cotton State University, Guwahati. Dr. Rajbongshi obtained his PhD degree from IIT Kanpur and the talk he presented was extracted from his PhD thesis work. His talk was centered on the properties of a set of molecules that he synthesized, that function as extremely stable fluorophores (molecules that can emit light at a lower frequency following absorption of light of a higher frequency), and also have the ability to convert light to electricity (photovoltaic). Moreover, the molecules he talked about, absorb in the visible region of the

solar spectrum, and this allows for their possible application in the fabrication of solar cells. They were modelled on a pair of naturally occurring fluorescent proteins found in the jellyfish *Aequorea victoria*, found in the west coast of North America. The talk was attended by all students and faculty members of the Department of Chemistry and also by faculty members from the school of Life Sciences.

### Workshop On Computational Physics Using MATLAB And GNU Octave

A two-day workshop on ‘Computational Physics using MATLAB and GNU Octave (WCP 2018)’ was organized by the Department of Physics on 26 – 27 October 2018. The purpose of this workshop was to enable the participants to implement numerical analysis to solve problems in physics for which a quantitative theory already exists. The software tools used for the same were MATLAB (which is a paid software) and GNU Octave (which is a free and open-sourced software). The participants were provided with hands-on experience of developing software code on Linux workstations for various physical problems, apart from talks on various topics in the field by eminent resource persons.

The chief guest, Prof Madhurjya P. Bora, Head of the Department of Physics, Gauhati University stressed upon the importance of Computational Physics and the need for free and open-source software in today’s world in his inaugural address. The convener for WCP 2018, Mr Parag Bhattacharya from the Department of Physics, DBU, then presented an overview of the programme for the workshop.



The sessions included topics on Introduction to Numerical Methods, introduction to the softwares i.e., MATLAB and GNU Octave, Monte Carlo Simulations. The participants were also provided with a set of eBooks and lecture notes for the entire workshop for future reference. 64 participants from different universities in Assam and Meghalaya participated in the workshop.

### **Visit to IIT Guwahati, 30<sup>th</sup> October 2018**

On the 30th of October 2018, students of the 3rd semester MSc programme, of the department of chemistry, were taken on a day-long field visit to the Indian Institute of Technology Guwahati. The purpose of the visit was to give students, first-hand exposure to sophisticated, state-of-the-art spectroscopic, crystallographic and chromatographic techniques, the principles of which they had been taught in their coursework. The students were accompanied by Dr. Manash Deka and Dr. Bhaskar Sharma

### **Science Awareness Programme, 8<sup>th</sup> November 2018**

The Department of Physics organised a general awareness programme on Science – ‘The World of Science – 2018’ on 8th November, 2018 in the atrium of Academic Block II of Tapesia Campus where a number of scientific models were demonstrated.

The programme showcased various scientific applications which a lay person does not understand at first glance. Students of the Department of Physics set up various stalls where they explained to visitors, the applications involved in vacuum cleaner, how we see colours, atmospheric pressure, gravitational waves, lever, etc. The working models demonstrated and simplified the complicated principles of science behind the objects and activities of our day to day life.



The awareness programme was conducted to mark the 151th birth anniversary of Marie Curie (who was born on 7th November 1867). The second round of the programme was conducted at the neighbouring schools with an aim to eradicate the fear of taking up higher education in Science and also to sow and induce an interest to study Science among students in High School.

### **Anveshan – Student Research Convention, 19<sup>th</sup> November 2018**



Anveshan: Student Research Convention, an exhibition of research projects, a pioneering initiative of Association of Indian Universities (AIU) for the aspiring researchers throughout the country, is organised at the university level on 19th November 2018. The event was organised by a committee headed by Dr. Samrat Dey, Head, Department of Physics.

Fifteen research projects were exhibited and scrutinized by a team of experts of their respective areas. Evaluation was based on poster presentations, oral presentations and questions-answers. Weightages were given to scientific thoughts and principles, creativity, thoroughness and presentation. Finally five projects were selected from four different fields; these projects will be nominated by the University for the Zonal Level Competition, which will be followed by National Level Competition. This competition has been organized by the Research Division of Association of Indian Universities with a view to inculcate research culture in higher education institutions. According to AIU, these Conventions aim at identifying the young and rising talents who would be promoted through proper encouragement and incentives.

### **National Conference on Trends “In Modern Physics 2019” , 22<sup>nd</sup> -23<sup>rd</sup> February 2019**

The Department of Physics organised a two day national conference on “Trends in Modern Physics 2019 (TiMP 2019)” on 22-23 February, 2019. A large number of participants from various universities,

colleges and institutes of Northeast India and a few delegates from other parts of India and abroad presented their research in the event.



The invited speakers included Dr. Mayur Kakati from Centre of Plasma Physics – IPR, Guwahati and Dr. Sumita Sharma from Institute for Advanced Studies in Science and Technology, Guwahati, Dr. Rajib Kar from Bhabha Atomic Research Centre, Mumbai, Dr. L. Herojit Singh, National Institute of Technology, Manipur and Dr. Dulen Saikia from Joysagar College, Sibsagar, Prof. Atri Deshmukhya from Physics Department, Assam University, Silchar, Prof. B. N. Jyrwa from North-Eastern Hill University, Shillong and Dr. Joydeep Ghosh from Institute for Plasma research, Gandhinagar. This was followed by a poster presentation session wherein a large number of posters were presented. The conference ended with a valedictory session where Fr. Stephan Mavely, Vice Chancellor of ADBU, congratulated and thanked the Physics Department, ADBU, for taking up such initiatives. Dr. Ngangom Aomoa was the convener of the conference and Mr. Parag Bhattacharya and Mr. Dipjyoti Sarma were the co-conveners. Around seventy participants attended the conference.

## Workshop On Basic Plasma Physics 2019, 29<sup>th</sup> -30<sup>th</sup> January 2019

The Department of Physics organised a “Workshop on Basic Plasma Physics 2019” on 29-30th January, 2019 at the Auditorium of Academic Block –I, Tapesia Campus. The workshop was organized mainly for the undergraduate students who may think of taking up plasma physics as their specialization in the Master Degree studies. They were introduced to the basics, applications, current trends in research and scope of plasma physics.



The workshop consisted of a series of talks by experts, viz., Dr. Mayur Kakati and Dr. B. J. Saikia from CPP-IPR and Dr. Ngangom Aomoa from Physics Department, ADBU. The participants also performed experiments with plasma system in the Plasma Laboratory of Physics Department. Furthermore, a visit to CPP-IPR was organised; the scientists and

faculty members in CPP-IPR explained to the participants current research in plasma physics in their sophisticated laboratories. In the valedictory session, Prof. J. N. Vishwakarma, Director of Research, ADBU, distributed certificates to the participants.

Around 70 participants attended the workshop from different institutes of North-Eastern region. Dr. Ngangom Aomoa was the convener of the event and Mr. Parag Bhattacharyya and Mr. Dipjyoti Sarma were the co-conveners.

### **Workshop on LaTeX, 29<sup>th</sup> – 30<sup>th</sup> March 2019**

A two-day workshop titled Workshop on LaTeX Documents 2019 (WLD 2019) was organized by the Department of Physics on 29 - 30 March 2019 at Tapesia Campus.



This workshop was conducted to enable students, research scholars and faculty members from various institutions in the north-eastern region to learn the fundamentals of scientific and technical documentation using LaTeX, a free and open source software. The importance of the workshop can be gauged from the fact that today LaTeX has become the de facto global standard for scientific publication. The participants were provided with the hands-on experience of developing LaTeX code on Linux workstations for different types of documents by eminent resource persons in the field. 62 participants from different universities and colleges in the north-eastern region participated in the workshop. The pre-requisites for the workshop included a basic awareness of computer systems, as well as an interest in using a typesetting system for academic documentation.

### **Two Day Workshop on Plastics Products, 8<sup>th</sup> - 9<sup>th</sup> February 2019**



The Department of Chemistry in collaboration with the Central Institute of Plastics Engineering and Technology (CIPET), Guwahati organized a two-day workshop called “Awareness and Skill upgradation on Design, Fabrication, Processing, and Testing of Plastics Products” on 8-9 February 2019, for the students of the Department. The two-day program consisted of a day of presentations on different aspects of plastics technology including Design, CAD/CAM/CAE, Tooling & Mould Manufacturing, Plastics processing, Testing, and Quality Assurance. The participants also visited CIPET where they were shown various designs, manufacturing and plastic processing in the labs including the processing techniques of plastics waste. 70 students participated in this workshop.

## SCHOOL OF LIFE SCIENCES

### World Earth Day Observed, 23<sup>rd</sup> April 2018

Earth Day was observed with a special assemble organized by the School of Life Sciences at the



University's Tapesia Campus on 23rd April, 2018. Students presented a skit to raise awareness on the importance of changing ourselves to preserve the environment from man-made pollution and destruction. The skit depicted how Earth, initially at peace during the course of its evolution, has become polluted upon the arrival of mankind. The skit acknowledged the need for stewardship to preserve Mother Earth for ourselves and for the future generation. As a small contribution towards building a clean, green environment the students also planted 75 medicinal plants within in the campus. World Earth Day was the vision and creation of Senator Gaylord Nelson of Wisconsin in an attempt to raise the awareness and understanding of preserving the environment and is now celebrated on the 22nd April annually.

### Real Time PCR Workshop, 25<sup>th</sup> and 26<sup>th</sup> July 2018

Real Time PCR Workshop was held on 25th and 26th July, 2018 under the supervision of Dr. Supriyo Sen and Dr. Probin Phanjom. A total of fifty (50) participants attended, including M.Sc. and PhD students, and faculty members. The invited experts for the workshop were from Himedia Laboratories,

Mumbai, India. First day was allotted to theoretical concept on Real Time PCR and the second day included wet laboratory demonstrations and students' interaction with the experts.

### **Invited Lecture, 1<sup>st</sup> October 2018**



An invited lecture was organized on 1st October 2018. Dr. Dimpu Gogoi, Inspire Faculty and Scientist from Virology Section, RMRC, Dibrugarh was invited as an expert to give lectures on Immunology. The first session was on basic Immunology concepts for the M.Sc. 1st and 3rd Semester students of School of Life Science. The second session was for research scholars and faculty members only.

### **World Animal Day Celebration, 4<sup>th</sup> October 2018**

The Department of Zoology in collaboration with Eco Club, Assam Don Bosco University, joined thousands of other organizations and



individuals around the globe in celebrating World Animal Day, 4th October 2018. The programme for the day included two sessions with an aim to sensitize the students and faculty about the importance of wildlife and the role they play in our efforts towards sustainability. The programme was inaugurated by Rev. Fr. Francis Fernandez, Controller of Examinations. The first session named 'Into the Wild' included two popular talks by Dr. Bibhuti Prasad Lahkar and Dr. Deba Kumar Dutta. Dr. Lahkar gave a talk on the "Conservation of Endangered Species

and Its Habitats in Assam", and Dr. Dutta spoke on "Indian Rhino Vision 2020 and Revival of Manas National Park". The talks were followed by a demonstration of equipment used in the field for Wildlife Studies.

The second session included an Open Quiz Competition - Brain Teaser - in which students from the three schools (Humanities, Life Science, Applied Sciences) actively participated. To further achieve the objective for the day, two documentaries were screened; Kalia: The Lost Gibbon and Thumbelina. In the Valedictory Session, the Registrar, Fr. Biju Michael and the Controller of Examinations, Fr. Francis Fernandez distributed prizes to the winners of Brain Teaser and Photo Mania (Mobile Photography Competition). The programme concluded with a Plantation Drive #GoGreen where forty four saplings, contributed by the Assam Forest Department, were planted in the campus by the students and faculty members.

## **Collection and preparation of herbarium of medicinal plants from the campus**



Students of Biotechnology (3rd Semester) collected 45 plant species from Tapesia campus during August – November, 2018. Out of the 45 herbariums selected, around 30 herbariums have been selected, for digitization and to create a virtual herbarium of some of medicinal plants of available in the Tapesia campus.

## **Popularizing Science - Igniting the Young Minds, 27<sup>th</sup> February 2019**



On the occasion of National Science Day, Department of Life Sciences (Biochemistry, Microbiology and Biotechnology) organized a programme for the school children of St. Patrick's School of Class

VIII, IX on the theme of Popularizing Science - Igniting the young minds. The programme started with a welcome address by Head of the Department. Sister Shiny Thomas, followed by short presentations by the PhD students on the following topics – Importance of medicinal plants by Hakani D Sympli, Nanotechnology in agriculture by Patrick Z Lawlor, Bioinformatics in research By Renne Barbie Brown and Conservation of aromatic plants by Suklang Khanaior. The programme ended with the vote of thanks which was further followed by demonstration by the M.Sc IV th Semester students based on their dissertation projects. The students of the school took great interest in the different exhibits prepared by the students and teachers of the schools were also impressed with ongoing research project in the department. The PhD and M. Sc students of the department enjoyed the keen interest the students were showing for understanding the importance of the research topics. The programme ended by noon and lunch packets were distributed among the school the students.

## **National Science Day 2019, 28<sup>th</sup> February 2019**

The Department of Zoology in collaboration with Eco Club, Assam Don Bosco University, observed the National Science Day on the 28th February 2019 with a day-long programme. The celebration began with the release of the Second Wall Magazine



of the Department by the Vice Chancellor, Rev. Fr. (Dr.) Stephen Mavely during the Morning Assembly. This year, the theme of the wall magazine is “Animal Architecture” which depicted the architectural world of Kingdom Animalia. Dr. Hridip Kumar Sarma, Assistant Professor, Gauhati University, delivered a popular talk on “Science for Mankind: How do model organisms assist in solving research problems?” whose interesting presentation and discussion captured the attention of the audience. This was followed by the

Equipment Exhibition cum Demonstration by the student volunteers of the Department where laboratory and field equipment (Lux meter, Flow Meter, Clinometer, Stereozoom microscope, Snake tong, Leech guard, to name a few) used by Zoologists were displayed. A Poster Presentation Competition was also held simultaneously in the lawns adjacent to the Department which witnessed enthusiastic participation of 19 teams comprising 78 students. The sub-themes selected for the Poster Presentation were selected with an aim to encourage participation from all Schools in the Campus and based on this year’s National Science Day theme, “Science for the People and the People for Science”. The Posters were adjudged by Dr. Hridip Kumar Sarma, Dr. Monmoyuri Baruah, and Dr. Probin Phanjom. Prizes were distributed to the three Best Presenters - Neha Paul, M.Sc.(II) Life

Sciences; Manash Pratim Rajbongshi, M.Sc.(IV) Zoology; and Ilawanpynsuk Kharsohnoh M.Sc. (IV) Physics. Certificates of Participation were also distributed to all the participants in various events.

On this occasion, the Department of Life Sciences (Biochemistry, Microbiology, and Biotechnology) also organized a programme for the school children of St. Patrick’s School on the theme of ‘Popularizing Science - Igniting the Young Minds’. The programme started with a welcome address and it was followed by short presentations by the Ph.D. students on their research topics “Importance of

medicinal plants, Nanotechnology in agriculture, Bioinformatics in research and Conservation of aromatic plants” and a demonstration by the M.Sc 4th Semester students based on their dissertation projects. The school students and teachers took great interest in the different research exhibits of M.Sc students and the ongoing research projects in the department.

### **Training Programme on Mushroom for the People: Issues and Opportunities, Vita Scientia Club Activity, Department of Life Science, 8<sup>th</sup> March 2019**



A training program on mushroom cultivation entitled "Mushroom for the people: Issues and opportunities" initiated under the supervision by Dr. Monika Soni in the Department of Life Sciences on 8th of March 2019 as a part of Vita Scientia Club Activity. The motive behind was to gain the knowledge about mushrooms, to learn the steps of cultivation and most importantly to spread the knowledge and awareness about mushrooms especially among the people from village area. A resource person Mr. Mohan Sharma, Chairman of USHA (NGO) was invited on 8th of March to provide hands on training to the students on Oyster (*Pleurotus* spp) mushroom cultivation. After twenty five days of the training, there was successful production of adequate quantity of mushrooms. On 8th of April this activity was extended to train and encourage the nearby community women's and interested students from other departments of the university on mushroom cultivation method. The event was graced by the valuable presence of our chief guests Fr. Joseph Nellanatt our pro vice chancellor, Dr. J.N. Vishwakarma our director of life science department, Mr. Pankaj Kharguria, Mr. Lanu Ignitius and Dr. Peter Paul Hauhnar. Approximately 20 women's participated in this program. Participants were provided all the raw materials required for the cultivation, including paddy straw, spawn, packets etc. Members of the Vita Scientia Club guided and trained them in the process of packaging and cultivating the mushrooms.

## **Faculties of Life Science Involved in Organising Symposium on “Funding Opportunities for Research Grants and Higher Studies in India And Abroad”, 3<sup>rd</sup> April 2019**



A one day Symposium on “Funding opportunities for research grants and higher studies in India and abroad” was held on 3rd April, 2019 was held in Assam Don Bosco University, Tapesia , Sonapur From Department of Life Science, there was two faculty involved in the organizing committee Dr. Jayanti Datta Roy and Dr.Probin Phanjom. The research scholars was also actively involved in the programme. There were three prominent speaker in the symposium Prof. Pawan Sharma, DBT Research Professor from College of Veterinary Sciences, Khanapara, Guwahati, Dr. Sukhomay Pal, Co-Coodinator, TOCIC IIT Guwahati Associate Professor from Department of Mechanical Engineering Indian Institute of Technology, Guwahati and Dr. Samrat S. Kumar from Country Representative of EURAXESS India. Participants including faculties, Ph.D scholars and Master degree students from different institutions of Guwahati like IAAST, Boragaon, Gauhati University, Cotton State University, AIMT, NERIM along with Assam Don Bosco University attended the symposium.

## **Activity under Vitas Scientia Club**



Following activities were carried out under the club,

- Awareness programme on Mosquito Borne Viral Disease Prevalent in Northeast India
- Purpose was to spread awareness among the community about viral diseases caused by various mosquito species, precautions to be taken and to make them aware of the support provided by the Government to reduce the disease burden
- We also targeted to teach them about the identification of the various mosquito species, their breeding habitats and their mode of infection
- Specifically conducted in October as it is considered peak season for dengue
- Models of mosquitoes, posters and questioners in regional and English language and oral presentation were the means of the awareness
- Pamphlets received from the NRHM, Guwahati in the regional language were distributed
- The programme was a huge success: awareness among students and the community in Medikuchi as well
- The programme was supported by the NRHM, Guwahati and funded by the Jaldhara Co, Jorhat
- A database of mosquito species prevalent in Medikuchi has been initiated and will be maintained with the department

## Updates on Placement Activities at ADBU

Assam Don Bosco University has evolved for itself a clear-cut vision that defines its rationale, objectives and approach to excel in teaching, formation of individuals by offering support, making students ready for quality placements at the three vibrant campuses at Tapesia, Azara and Kharguli. The following organizations visited the University Campuses.

Company	Package (CTC)
OYO ROOMS	4.5 lakhs
AIRTEL	1.5 lakhs
ITC HOTELS	2.6 lakhs
HDFC BANK	3.29Lakhs
KARVY STOCK BROKING LTD.	2.5lakhs
SPANDANA SPOORTY FINANCE LTD.	5.7lakhs
BHARAT FINANCIAL LTD.	6.35lakhs
FLIPKART	3.81 lakhs
FEDERAL BANK	7.2 lakhs
BANDHAN BANK	3.46 lakhs
INDUSIND BANK	3 lakhs
RELIANCE JIO	3.6 lakhs
CEASEFIRE	4 lakhs
APOLLO MUNICH LIFE INSURANCE	2.2 lakhs
ICICI PRUDENTIAL LIC LTD.	2 lakhs
SHRIRAM GENERAL INSURANCE	2.5 lakhs
ICICI BANK	3.38 lakhs
AXIS BANK	3.4 lakhs
YES BANK	2.4 lakhs
L'OREAL	2.6 lakhs
CHILLIBREEZE	2.3 lakhs
ALLSEC TECHNOLOGIES	1.5 lakhs
COGNIZANT	3.6 lakhs
FEDERAL BANK	4 lakhs
FRENCH MOTORS - (TATA DEALERS)	1.2 lakhs
INFOSYS	3.6 lakhs
KREETI TECHNOLOGIES	4.5 lakhs
MAVERICK TECHNOLOGIES	2.4 lakhs
ROYAL ENFIELD - DEALER PRF	1.4 lakhs
SHRIRAM VALUE SERVICES	2.4 lakhs
TCS	3.52 lakhs
VERTEX	1.44 lakhs
WIPRO TECHNOLOGIES	3.5 lakhs
ZALONI	2.4 lakhs

## Research Activities of ADBU in 2018-2019



Research being one of the most important activities at University education, Assam Don Bosco University is no exception in attaching utmost importance to this aspect in addition to the teaching – learning at post-graduation level. The research department guided by a Board of Research Studies and headed by a full time Research Director deals with advertisement, written test + interviews, admission, PhD Course Work, Research Proposal Presentation, registration, six monthly reporting, Pre-submission seminar, Thesis submission, examination, Viva Voce Examination and finally award of PhD degree to those who pass through all these steps systematically and successfully. This period ( April 2018 – March 2019) witnessed a variety of research related activities which are briefly described hereunder. The course work is well designed to suit the needs of a modern day research scholar. It is a 12 credit course equally split into three papers, 1. Research Methodology with statistical techniques and computer applications – evaluated by assignments and written test, 2. Subject Specific Course – evaluated by assignments and written test and 3. Literature Review – evaluated by report evaluation and presentation.

### PhD Course Work 2018

The students admitted this year to the PhD programme of Assam Don Bosco University were 32 in number in various Departments and they all joined the mandatory PhD Course Work of six months' duration on 5th April 2018. The course work started with a brief inaugural function involving invocation God's blessings, words of wisdom by the Vice Chancellor, oath taking by the Registrar and national anthem at the end. The number of Research Scholars admitted in various subjects is shown within brackets as follows – Chemistry (1), Civil Engineering (2), Commerce (2), Comparative Religion (1), Computer Science Engineering (3), Economics (1), Education (2), Electrical and Electronics Engineering (3), Language Studies (3), Life Science (3), Management (3), Mathematics (2), Philosophy (2), Physics (2), Psychology and Counselling (4), Social Work (2), Zoology (1)

### Research Pulse during (April – June, 2018)

#### Research Proposal Presentation/Registration of Research

During this trimester (April – June, 2018) following ten research scholars presented their research proposals. The proposals were approved with minor/major modifications for further action and

registration Samrat Bhoumick (Biochemistry), Agnes Humtsoe (Education), Henry Zote (Education), Johnson KP (Social Work), Jonas Kerketta (Mass Communications), Tirthraj Sabkota (Computer Science Engineering), Lima Hazarika (Biotechnology), Chamim Sultana Ahmed (Microbiology), Sankar Jyoti Nath (Management), Hrishichand Phookan (Management).

### **Pre-Submission Seminar/PhD Thesis Submission**

Research Scholars, Ouseph Varghese (Social Work), Ganapati Das (Computer Science Engineering), Yoya Vashi (Biotechnology) and Deba Kumar Mahanta (Electrical and Electronics Engineering) have successfully completed their Pre-Submission Seminar and all except Ganapati Das have submitted their theses for examination and further action by the Controller of Examinations Viva Voce Examination

### **PhD Viva Voce examinations**

This trimester witnessed Viva Voce examinations of MV Johnson (Department of Comparative Religion) who worked on, “A study on the impact of globalization on the life and mission of the Franciscan Friars of South Asia, Australia and Oceania conference” and Jhimli Kumari Das (Electronics and Communication Engineering) who worked on, “Studies on the development of an optical sensor for measuring the nutritional content of castor leaves to improve production in Eri industry”.

### **PhD Degree Awarded**

During this period of three months two of our research scholars, namely, MV Johnson (Department of Comparative Religion) and Jhimli Kumari Das (Electronics and Communication Engineering) were awarded the PhD degree of Assam Don Bosco University for their novel contributions.

### **Reports from the Departments on Research Climate**

#### **Department of Physics**

The department had one publication co-authored by Dr. M. Aomoa titled “size controlled synthesis of super paramagnetic iron-oxide/iron/carbon nanotube nanocomposites by supersonic plasma technique.” Apart from this, significant work is being carried out in the two projects (Investigators – Dr. Monmoyuri Baruah and Dr. Samrat Dey) of the Department of Physics.

#### **Department of Bio Sciences**

Biotechnology Ignition Grant (BIG) Project Implementation, Dr. Supriyo Sen and his co-workers started the project in March 2017 at Guwahati Biotech Park, IIT-G Campus as the first BIG incubatee. They have completed 3 out of 4 milestones successfully and are currently implementing the final milestone. The project is aimed at developing a technology for fragrant agarwood oil production by a Biotechnology intervention.

Participation in Advantage Assam Summit 2018, Dr. Supriyo Sen and his co-workers were invited to exhibit our technology on fragrant agarwood oil production at the Advantage Assam Business Summit held in Guwahati during 3-4 February 2018. The event was inaugurated by the Hon’ble Prime Ministers of India and Bhutan and attended by leading industrialists like Mr. Mukesh Ambani (Reliance), Acharya Balkrishna (Patanjali), Mr. Dilip Sanghvi (Sun Pharma), and many more.

Paper accepted for Bioflavour 2018 (Frankfurt, Germany)

Two papers from the research group of Dr. Supriyo Sen have been accepted for poster presentation at the prestigious Bioflavour 2018 conference to be held at Frankfurt, Germany during 18-21 September. Two of his research scholars, Ms. Pearlin Shabna Naziz and Ms. Runima Das of ADBU, and he himself will present the papers.

### **Publications**

- Swapnali Hazarika, Smriti Dey “Optimal operation of Distributed Network embedded to wind – Battery storage system for revenue enhancement “ Volume 7, Issue 1, June, 2018 ADBU Journal of Engineering Technology(AJET)
- Pushpanjalee Konwar, Jesif Ahmed, Biswajit Sengupta, Mriganka Gogoi “A Review on Distribution Network Reconfiguration” Volume 7, Issue 1, June, 2018 ADBU Journal of Engineering Technology(AJET)
- Lari Kupar Lyngdoh, Jesif Ahmed, “Study of Power Flow Control Using FACTS Devices” Volume 7, Issue 1, June, 2018 ADBU Journal of Engineering Technology(AJET)
- Durlav Hazarika, Smriti Dey, “Investigating the Use of UPFC Device for Reduction of SPA in a Power System” Journal of The Institution of Engineers (India): Series B, pp 1–13
- Arcadius Puwein, Shiny C. Thomas (2018) An Overview of Paris polyphylla, a Highly Vulnerable Medicinal Herb of Eastern Himalayan Region for Sustainable Exploitation, The Natural Products Journal, DOI: 10.2174/2210315508666180518081208

### **Research Pulse during (Oct- Dec, 2018)**

This quarter was full of activities pertaining to the research scholars, like completion the PhD Course Work, declaration PhD Course Work results, research proposal presentations, PhD Pre-Submission Seminars and Viva Voce Examination.

### **Concluding PhD Course Work 2018**

The research scholars of 2018 batch had their concluding phase of the PhD Course Work during the month of November 2018. Thirty-seven research scholars of the batch attending the course work did very well and their results were declared on 9 November 2018.

### **Research Proposal Presentation/Registration of Research**

Scholars: Eleven research scholars of earlier batches presented their research proposals, some of them were advised to modify their proposals before applying for registration.

### **PhD Pre-Submission Seminar**

The following research scholars presented their PhD Pre-Submission Seminars successfully:

1. Manoda Sangma Department of Social Work
2. Ashwini Kotrashetti Department of Electronics and Communication Engineering
3. Silveira Cedric Thomas Department of Management
4. Satyabrata Borgohain Department of Management
5. Daisy PJ Department of Education
6. Neli Lolia Department of Education
7. Reena K Joseph Department of Psychology and Counseling

8. Elizabeth Walling Department of Education

### **PhD Viva Voce Examinations**

Six of our Research Scholars have successfully completed their Viva Voce leading to the award of PhD degree of Assam Don Bosco University –

1. Nandita Prodhani Department of Physics
2. Nabamita Das Department of Language Studies
3. Anupa Lahkar Department of Mass Communications
4. Melboureen Sunn Department of Biotechnology
5. Kisholoy Choushury Department of Mass Communications
6. Deba Kumar Mahanta Department of Electrical and Electronics Engineering

### **Research Pulse during (Jan- March 2019)**

For the current session of PhD at ADBU, 150 aspirants were invited for written test and/or oral interview and suitable candidates were selected out of 200 aspirants who applied. It is important to mention that all those selected – numbering 68 – sought admission within a short period of two weeks. These admitted research scholars were then invited to join the preliminary phase of the compulsory PhD course work 2019 that lasted for a period of one semester. It is encouraging to mention that all the research scholars of the joined the Course Work eagerly and made full use of the time in learning.

In addition to this annual activity, the quarter witnessed research proposal presentations, pre-submission seminars and viva voce examinations of some of the research scholars:

**Research Proposal Presentations:** The following six research scholars presented their proposals and gone ahead for registration.

SB Seshadri (Management), Brajen Kumar Deka (Computer Science Engineering), Rosie Kalita (Social Work), Oshyajem Longkumer (Education), Kamalesh Kumar (Computer Science Engineering), Losii Athew Mathew Maheo (Education).

**PhD Pre-Submission Seminar:** The following Research Scholars successfully had their Pre-Submission Seminars and are preparing to submit their theses for examination.

1. Jayashree Katti – Department of Computer Science Engineering
2. Krishna Thakur – Department of Management
3. Hoineichin Haokip – Department of North East India Studies

### **PhD Viva Voce Examination**

Four of our research scholars have successfully defended their theses and have been awarded PhD degree of Assam Don Bosco University:

1. Satyabrata Borgohain – Department of Management
2. Daisy PJ – Department of Education
3. Ganapati Das – Department of Computer Science Engineering
4. Silveira Cedric Thomas – Department of Management

## University at a Glance: Statistics

Journal title	Editors
Journal of Northeast Indian Cultures	Dr. Dominic Meyieho Assistant Professor, Department of Education
ADBU Journal of Engineering	Prof. Shakuntala Laskar Professor, Department of Electrical and electronics
The Journal of Development Practice	Dr. Jacob Islary Assistant Professor, Department of Social Work
Journal of Applied and Fundamental Sciences	Dr. Samrat Dey Assistant Professor, Department of Physics
Journal of Management in Practice	Mr. Chandan Dutta Assistant Professor, Department of Management

### Doctoral Students

S. No	Department	M	F	Total	Degree awarded
1.	Electronics and Communication Engineering	5	5	10	2
2.	Electrical and Electronics Engineering	3	6	9	0
3.	Computer Science and Engineering and Information Technology	17	7	24	2
4.	Mechanical Engineering	1	0	1	0
5.	Civil Engineering	5	1	6	0
6.	Management	25	5	30	0
7.	Social Work	14	9	23	3
8.	Psychology and Counselling	4	8	12	0
9.	Mass Communication	5	4	9	1
10.	Education	6	11	17	0
11.	Physics	7	4	11	1
12.	Biotechnology	7	12	19	1
13.	Biochemistry	2	1	3	0
14.	Microbiology	1	4	5	0
15.	Commerce	1	1	2	0
16.	Chemical Sciences	2	3	5	0
17.	Economics	0	1	1	0
18.	Mathematics	3	3	6	0
19.	Language Studies	1	11	12	1
20.	North East India Studies	13	13	26	1
21.	Comparative Religion	7	2	9	1
22.	Philosophy	1	1	2	0
23.	Zoology	1	1	2	0
TOTAL		131	113	244	13

## PROGRAMMES OF STUDY

There are currently 16 graduate programmes, 18 post-graduate programmes, and 23 doctoral programmes in the university. The details are given in the chart below:

Sl. No.	Programmes	Degree and Discipline
<b>Undergraduate Programmes</b>		
<b>School of Technology</b>		
1	Bachelor of Technology	BTECH - Civil Engineering
2	Bachelor of Technology	BTECH - Mechanical Engineering
3	Bachelor of Technology	BTECH - Computer Science and Engineering
4	Bachelor of Technology	BTECH - Electrical and Electronics Engineering
5	Bachelor of Technology	BTECH - Electronics and Communication Engineering
6	Bachelor of Computer Applications	BCA - Computer Applications
<b>School of Commerce and Management</b>		
7	Bachelor of Commerce	BCOM
8	Bachelor of Arts	BA (Honours) – Economics
<b>School of Humanities and Social Sciences</b>		
9	Bachelor of Arts	BA – Philosophy
10	Bachelor of Arts	BA (Honours) – Language Studies
11	Bachelor of Arts	BA (Honours) – Psychology
12	Bachelor of Arts	BA (Honours) – Education
13	Bachelor of Arts	BA (Honours) – Mass Communications
<b>School of Fundamental and Applied Sciences</b>		
14	Bachelor of Science	BSC (Honours) – Physics
15	Bachelor of Science	BSC (Honours) – Chemistry
16	Bachelor of Science	BSC (Honours) – Mathematics
<b>Post Graduate Programmes</b>		
<b>School of Technology</b>		
1	Master of Technology	MTECH - Computer Science and Engineering
2	Master of Technology	MTECH - Electrical and Electronics Engineering
3	Master of Technology	MTECH - Electronics and Communication Engineering
4	Master of Technology	MTECH - Civil Engineering
5	Master of Computer Applications	MCA - Computer Applications
<b>School of Commerce and Management</b>		
6	Master of Business Administration	MBA - Business Administration
7	Master of Commerce	MCOM
<b>School of Humanities and Social Sciences</b>		
8	Master of Social Work	MSW - Social work
9	Master of Arts	MA Education (Educational Leadership)
10	Master of Science	MSC Psychology (Psychological Counselling)
11	Master of Arts	MA English

School of Fundamental and Applied Sciences		
121	Master of Science	Physics (Electronics /Nano Science/ High Energy)
13	Master of Science	Chemistry
14	Master of Science	Mathematics
School of Life Sciences		
15	Master of Science	Biochemistry
16	Master of Science	Biotechnology
17	Master of Science	Microbiology
18	Master of Science	Zoology
Doctoral Programmes		
School of Technology		
1	Doctoral Programme	PHD - Computer Science
2	Doctoral Programme	PHD - Civil Engineering
3	Doctoral Programme	PHD - Electrical and Electronics Engineering
4	Doctoral Programme	PHD - Electronics and Communications Engineering
5	Doctoral Programme	PHD – Mechanical Engineering
School of Commerce and Management		
6	Doctoral Programme	PHD – Management
7	Doctoral Programme	PHD – Economics
8	Doctoral Programme	PHD – Commerce
School of Humanities and Social Sciences		
9	Doctoral Programme	PHD - Social Work
10	Doctoral Programme	PHD - Mass Communication
11	Doctoral Programme	PHD - Language Studies
12	Doctoral Programme	PHD - Comparative Religion
13	Doctoral Programme	PHD - North East India Studies
14	Doctoral Programme	PHD – Philosophy
15	Doctoral Programme	PHD – Education
16	Doctoral Programme	PHD -Psychology and Counselling
School of Fundamental and Applied Sciences		
17	Doctoral Programme	PHD – Physics
18	Doctoral Programme	PHD - Chemical Sciences
19	Doctoral Programme	PHD – Mathematics
School of Life Sciences		
20	Doctoral Programme	PHD – Biotechnology
21	Doctoral Programme	PHD – Biochemistry
22	Doctoral Programme	PHD – Microbiology
23	Doctoral Programme	PHD – Zoology

## STUDENT DISTRIBUTION

### On Campus

Sl. No.	Department	Bachelor's Programmes			Master's Programmes			Doctoral Programme			Total
		M	F	Tot	M	F	Tot	M	F	Tot	
1	Electronics and Communication Engineering	39	15	54	5	2	7	5	5	10	71
2	Electrical and Electronics Engineering	78	28	106	1	4	5	3	6	9	120
3	Computer Science and Engineering and Information Technology	290	83	373	69	49	118	17	7	24	515
4	Mechanical Engineering	143	8	151	0	0	0	1	0	1	152
5	Civil Engineering	175	92	267	12	12	24	5	1	6	297
6	Management	0	0	0	50	29	79	25	5	30	109
7	Commerce	113	53	166	14	28	42	1	2	3	211
8	Social Work	0	0	0	40	110	150	14	9	23	173
9	Psychology and Counselling	25	79	104	12	43	55	4	8	12	171
10	Mass Communication	26	27	53	0	0	0	5	4	9	62
11	Education	11	10	21	5	16	21	6	11	17	59
12	Language Studies	46	63	109	9	28	37	1	11	12	158
13	North East India Studies	0	0	0	0	0	0	13	13	26	26
14	Comparative Religion	0	0	0	0	0	0	7	2	9	9
15	Philosophy	60	7	67	0	0	0	1	1	2	69
16	Physics	4	3	7	19	18	37	7	4	11	55
17	Chemical Sciences	0	2	2	23	39	62	2	3	5	69
18	Mathematics	4	2	6	6	8	14	3	3	6	26
19	Life Sciences	0	0	0	24	51	75	10	17	27	102
20	Zoology	0	0	0	18	59	77	1	1	2	79
	TOTAL	1014	472	1486	307	496	803	131	113	244	2533

## GRADUATING STUDENTS

### Campus Programs

PROGRAMMES	Degree	MALE	FEMALE	TOTAL
Bachelor of Technology ( Computer Science Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering, Civil Engineering, Mechanical Engineering)	BTECH	131	46	177
Bachelor of Computer Applications	BCA	19	8	27
Master of Technology ( Computer Science Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering, Civil Engineering)	MTECH	13	18	31
Master of Business Administration	MBA	21	14	35
Master of Computer Applications	MCA	12	6	18
Master of Social Work	MSW	5	51	56
Master of Science in Psychology (Psychological Counselling)	MSC	6	14	20
Master of Arts in Education (Educational Leadership)	MA	3	6	9
Master of Arts in Mass Communication	MA	4	3	7
Master of Science in Physics	MSC	6	13	19
Master of Science in Biotechnology	MSC	1	4	5
Master of Science in Biochemistry	MSC	1	1	2
Master of Science in Microbiology	MSC	8	11	19
PhD		4	9	13
TOTAL		234	204	438

## GOLD MEDALISTS

Programme	Student ID	Name	CGPA
B.Tech CSE	DC2014BTE0140	Iftisim Zubin	8.71
B.Tech ECE	DC2014BTE0184	Pooja Mazumder	8.98
B.Tech EEE	DC2014BTE0103	Tulika Majaw	8.44
B.Tech CVE	DC2015BTE0108	Tennyson Shylla	9.07
B.Tech MNE	DC2014BTE0183	Suraj Baidya	8.45
M.Tech CSE	DC2016MTC0012	Dharitri Sarkar	8.35
M.Tech EEE	DC2016MTC0013	Swapna Bhuyan	8.74
M.Tech CVE	DC2016MTC0027	Hunlang Biam	8.88

BCA	DC2015ICA0013	Nishan Tamang	8.59
MCA	DC2015MCA0017	Subhajit Bhattacharjee	8.12
MSW	DU2016MSW0041	Memorial Khongkai	8.76
MSc Psycho. Coun	DU2016MSC0001	Carrielonia Nongkhlaw	7.83
MA Ed.	DU2016MAS0016	Karishma Das	7.90
MSc. Biotech	DU2016IMP0032	Monmita Das	8.69
MSc. Microbio	DU2016IMP0017	Ankur Das	9.08
MSc. Physics	DC2016MSC0005	Mousumi Sanyal	9.12
MBA	DI2016MBA0027	Richa Mary Kandulna	8.52

Chancellor's Gold Medal for most significant contribution to campus life from among postgraduate students is awarded to Memorial Khongkai (MSW).

Vice Chancellor's Gold Medal for most significant contribution to campus life from among graduate students is awarded to Shreyashi Das (BTECH, ECE).

### TEACHING STAFF

NUMBER OF FACULTY	MALE		FEMALE		TOTAL
	Adjunct	Regular	Adjunct	Regular	
Professors	27	20	4	1	52
Associate Professors	35	4	6	6	51
Assistant Professors	7	84	1	57	149
TOTAL	69	108	11	64	252

### NON TEACHING STAFF

NUMBER OF STAFF	MALE	FEMALE	TOTAL
Senior Administrative Staff	15	7	22
Library Staff	2	6	8
Office Staff	10	7	17
Technical Staff	23	2	25
Service Staff	15	19	34
TOTAL	65	41	106

**ANNEXURE (A) TO ANNUAL REPORT OF ASSAM DON BOSCO  
UNIVERSITY 2018-19**

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

<b>Sl. No.</b>	<b>Dates (from-to) (DD-MM-YYYY)</b>	<b>Title of the professional development program organised for teaching staff</b>	<b>Title of the administrative training program organised for non-teaching staff</b>	<b>No. of participants</b>
1	05-07-2018 to 10-07-2018	Developing a Growth Mindset... for navigating change	Developing a Growth Mindset... for navigating change	115
2	14-07-2018 to 20-07-2018	Northeast Data Booth Camp- To promote data driven research and journalism		20
3	31-07-2018	Agricultural Nanotechnology : GMO Again or An Opportunity to Address Global Food and Nutrient Security		22
4	08-08-2018	Symposium on Neutrino Physics 2018.		15
5	11-08-2018	NANO Technology in Electronics assuring in NANO and Molecular Electronics		7
6	12-09-2018	Workshop on Legal Awareness Cum Gender Sensitization : Posh At Work		25
7	03-10-2018	Security Market and Role of SEBI		10
8	12-10-2018		One Day Workshop on Koha and Library Automation (Cordinated by- Dr. Anupam Chanda)	21
9	26-10-2018 to 27-10-2018	Workshop on Computational Physics (using MATLAB and GNU OCTAVE) 2018		25
10	02-11-2018 to 03-11-2019	Constuction Planning and Management Using BIM Technology		11

11	13-11-2018	National Digital Library (NLD) User Awareness Programme for Faculty Members of Tapesia Campus		25
12	16-11-2018	Importance of convergence and Linear Functional		10
13	11-01-2019 to 16-01-2019	Workshop...Towards Outcome based Teaching-Learning Approach		25
14	07-02-2019	Holistic and Transformational Psychotherapy organised by Department of Psychology		10
15	22-02-2019	Trends in Modern Physics 2019		15
16	08-03-2019	Health and Hygiene of Women in Present Scenario	Health and Hygiene of Women in Present Scenario	35
17	12-03-2019	Data Science & Big Data Analytics - The Future		22
18	14-03-2019	Symposium on Gravitational Wave 2019		15
19	29-03-2019 to 30-03-2019	Workshop on Latex Documents		13
20	03-04-2019	Symposium on Funding Opportunities For Research Grants and Higher Studies in India and Abroad		126
21	03-04-2019	Importance of Palliative Care in Autism and its Spectrum		25
22	05-04-2019	Awareness Workshop on Autism Spectrum Disorder by Dr. Sanghamitra Bora,		27
23	06-04-2019	A Crisis in Fundamental Physics		15
24	06-04-2019		Training on Mushroom Cultivation	10
25	08-04-2019	Orientation to Neurolinguistic Programming by Dr. A Abraham, Mind Masters, Trivandrum		20
26	26-04-2019	Oneday Workshop on Research Publication and Intellectual Property Rights		20

27	27-04-2019 to 04-05-2019	Workshop on Data Analytics Using Python		22
28	03-05-2019	Media for Democracy : Journalism and Elections in Times of Disinformation		25
29	10-05-2019	Webinar : Energy Audit and Management		15
30	08-06-2019 to 09-06-2019	Lets talk Turtles: A two day workshop on turtle conservation and research		25
31	12-06-2019 to 13-06-2019	Pedagogy for 21st century Teaching and Research		25

**ANNEXURE (B) TO ANNUAL REPORT OF ASSAM DON BOSCO  
UNIVERSITY 2018-19**

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.)

<b>Sl. No.</b>	<b>Name of teacher who attended</b>	<b>Title of the program</b>	<b>Duration (from – to) (DD-MM-YYYY)</b>
1	Ms. Shanthilembi Lisham	Capacity Building Programme -sponsored by ICSSR, New Delhi Organised by ADBU	01-07-2018 to 15-07-2018
2	Sagarika Kotoky	Participated at the 'Capacity Building Programme' for faculty members of Social Science, Sponsored by ICSSR, New Delhi and organized by Assam Don Bosco University	01-07-2018 to 15-07-2018
3	Dr. Kanan K Ojah	NPTEL-AICTE FDP on the course Integral equations and Calculus of Variations	03-07-2018 to 28-10-2018
4	Nabamita Das	NPTEL - Applied Linguistics	07-2018 to 10-2018
5	Leena Nemade	12 week NPTEL-AICTE FDP on Fundamentals of surface engineering: Mechanisms, Processes and Characterization.	07-2018 to 10-2018
6	Pallav Gogoi	NPTEL _AICTE FDP on Energy conservation and waste reat recovery	07-2018 to 10-2018
7	Bikramjit Goswami	NPTEL FDP on 'Introduction to Internet of Things'	30-07-2018 to 24-10-2018
8	Monjib Mochahari	Train-The-Trainer Boot Camp organised by organised Google News Initiative India Training Network	30-07-2018 to 03-08-2018
9	Parismita A Kashyap	Symposium on Nanotechnology in Electronics: Ushering in Nano and Molecular Electronics	11-08-2018
10	Dr Vikramjit Kakati	NPTEL-AICTE FDP on Product Design and Innovation	08-2018 to 09-2018
11	Dr. Hemen Bharali	NPTEL-AICTE FDP on the course Introduction to Abstract and Linear Algebra	08-2018 to 09-2018
12	Pallav Gogoi	AICTE approved FDP on Blended learning and flipped classroom by NITTTR under AICTE training & learning academy	31-08-2020 to 04-09-2020
13	JAIKISHAN SG	Train-The-Trainer Boot Camp organised by organised Google News Initiative India Training Network	13-12-2018 to 16-12-2018

14	Dr. Nibedita Kapil	UGC sponsored orientation programme.	15-12-2018 to 11-01-2019
15	Dr. Kanan K Ojah	UGC sponsored Orientation Program	15-12-2018 to 11-01-2019
16	Hemashree Bordoloi	TEQIP III Sponsored Two weeks Faculty Development Programme on VLSI Design Organised at Department of Electronics & Telecommunication Engineering, Assam Engineering College in association with PSG College of Technology, Coimbatore and Electronics & ICT Academy, IIT Guwahati	17-12-2018 to 29-12-2018
17	Samar Jyoti Saikia	TEQIP III Sponsored Two weeks Faculty Development Programme on VLSI Design Organised at Department of Electronics & Telecommunication Engineering, Assam Engineering College in association with PSG College of Technology, Coimbatore and Electronics & ICT Academy, IIT Guwahati	17-12-2018 to 29-12-2018
18	Bobby Sharma	Train the Trainer-Design Thinking	17-12-2018 to 20-12-2018
19	Dr Sontara Konwar Baruah	One Week Faculty Development Programme on Green Technology for Sustainable Development Under TEQIP-3	17-12-2018 to 21-12-2018
20	Dr.Bhaskar Sharma	One Week Faculty Development Programme on Green Technology for Sustainable Development Under TEQIP-3	17-12-2018 to 21-12-2018
21	Dr. Manash Deka	One Week Faculty Development Programme on Green Technology for Sustainable Development Under TEQIP-3	17-12-2018 to 21-12-2018
22	Jhimli Kumari Das	Two weeks faculty development programme on VLSI design(TEQIP)	17-12-2018 to 29-12-2018
23	Dr. Hemen Bharali	UGC Sponsored Refresher Course on Mathematics and Statistics	19-12-2018 to 08-01-2019
24	Kaustubh Bhattacharyya	Conducted training program on MATLAB at Tezpur University.	23-12-2018 to 31-12-18.
25	Amarjit Deb	FDP on Marketing Management - II	04-01-2019 to 24-03-2019
26	Amarjit Deb	FDP on Effective Engineering teaching in practice	04-01-2019 to 24-03-2019
27	Subra Mukherjee	FDP on Effective Engineering teaching in practice	04-01-2019 to 24-03-2019
28	Tanvira Ismail	FDP on Effective Engineering teaching in practice	04-01-2019 to 24-03-2019

29	Pallav Gogoi	NPTEL-AICTE FDP on Surface engineering of nanomaterials	01-2019 to 03-2019
30	Kausthav Pratim Kalita	NPTEL-AICTE FDP on Programming data structure and Algorithms using Python	01-2019 to 03-2019
31	Kausthav Pratim Kalita	NPTEL-AICTE FDP on Machine Learning for Engineering and Science Applications	01-2019 to 04-2019
32	Kausthav Pratim Kalita	NPTEL-AICTE FDP on Blockchain Architecture Design and Use cases	01-2019 to 04-2019
33	Leena Nemade	12 NPTEL certification course on:Friction and Wear of Materials: Principles and Case study	01-2019 to 04-2019
34	Leena Nemade	12 NPTEL certification course on:Surface engineering for corrosion and wear resistance application.	01-2019 to 04-2019
35	Mriganka Gogoi	NPTEL certification course on Multirate DSP	01-2019 to 04-2019
36	Bijita Sarmah	12 week online NPTEL certificate course cum FDP on Introduction to Micro -Economics	01-2019 to 04-2019
37	Supran Chakravarty	NPTEL-FDP- "Natural Hazards I"	01-2019 to 03-2019
38	Bhavna Baroowa	NPTEL online certification course on Human Molecular Genetics	01-2019 to 03-2019
39	Tanvira Ismail	FDP on Effective Engineering Teaching in Practice, NPTEL	01-2019 to 03-2019
40	Dr.Joy Roy	NPTEL Online certification course on Graph Theory	01-2019 to 03-2019
41	Dr. Kasturi Goswami	NPTEL- AICTE FDP	01-2019 to 04-2019
42	JAIKISHAN SG	Professional development programme on Towards Outcome-based Teaching Learning Approach	11-01-2019 to 23-01-2019
43	Kaushik Bhuyan	Professional development programme on Towards Outcome-based Teaching Learning Approach	11-01-2019 to 23-01-2019
44	Shakuntala Laskar,	Workshop...Towards Outcome based Teaching- Learning Approach	11-01-2019 to 12-01-2019
45	Dr Vikramjit Kakati	Visual Communication Design for Digital media	01-2020 to 02-2020
46	Dr. Lopamudra Homchaudhuri	12 weeks NPTEL course titled - Bio-Informatics: Algorithms and Applications	11-01-2019 to 28-04-2019
47	Dr. Bhaskar Sharma	12 weeks NPTEL course on Solid State Chemistry	11-01-2019 to 28-04-2019
48	Dr. Bhaskar Sharma	12 weeks NPTEL course on Quantum Mechanics-I	11-01-2019 to 28-04-2019

49	Dr. Sagar Sharma	12 weeks NPTEL course on Industrial Inorganic Chemistry	11-01-2019 to 28-04-2019
50	Jhimli Kumari Das	NPTEL Course on Effective engineering teaching in practice	14-01-2019 to 24-03-2019
51	Arup Baruah	NPTEL Course on Joy on Computing Using Python	01-2019 to 04-2019
52	Dr Maitrayee Dutta Swargiary	NPTEL Course on Bio-Informatics : Algorithms and Applications	01-2019 to 04-2019
53	Dr.Bamdeb Dey	Nptel Online certification course on Computational Fluids Dynamics	01-2019 to 04-2019
54	Dr. Saugata Purkaystha	Online FDP (NPTEL) on the course Commutative Algebra	01-2019 to 04-2019
55	Dr. Hemen Bharali	NPTEL-ONLINE certification course on Cryptography and Network Security	01-2019 to 04-2019
56	Pranab Das	Joy of Computing using Python	01-2019 to 04-2019
57	Vijay Prasad	Programming in Java	01-2019 to 04-2019
58	Dr Prasanta Kr Choudhury	NPTEL online certification course on Wild life ecology	01-2019 to 04-2019
59	Dr Rashmita Barua	12 week online NPTEL certificate course cum FDP on Introduction to Micro -Economics	01-2019 to 04-2019
60	Parismita A Kashyap	NPTEL MOOC on Antennas (National)	31-01-2019 to 26-04-2019
61	Dr Vikramjit Kakati	NPTEL online certification course on User Interface Designs	02-2019 to 03-2019
62	Dr Rashmita Barua	8 week online NPTEL certificate course on Calculus for Economics, Commerce and Management,	02-2019 to 04-2019
63	Dr Rashmita Barua	8 week online NPTEL certificate course cum FDP on Foundation Course in Managerial Economics	02-2019 to 04-2019
64	JAIKISHAN SG	Decoding Social Media: Dynamics, Uses and Abuses organised by Tezpur University	11-02-2019 to 17-02-2019
65	Debshri Swargiary	NPTEL Online Course on Plastic waste Management	02-2019 to 04-2019
66	Leena Nemade	8 week NPTEL certification course on Friction and Wear of materials: Principles and Case studies	02-2019 to 04-2019
67	Nabamita Das	NPTEL-AICTE FDP Online Course on Enhancing Soft Skills and Personality	02-2019 to 04-2019
68	Leena Nemade	AICTE training and Learning (ATAL) workshop on Artificial Intelligence, Robotics and Machine Learning, Organized at IITG	22-02-2019 to 26-02-2019.

69	Dr Saikat Bannerjee	NPTEL-AICTE FDP Online Course on Enhancing Soft Skills and Personality	02-2019 to 04-2019
70	Alok Choudhury	AICTE Training and Learning (ATAL) Academy Workshop on Artificial Intelligence, robotics & Machine Learning, IIT Guwahati	22-02-2019 to 26-02-2019
71	Kaustubh Bhattacharyya	AMAZING NANO-2019, One week short term training programme on Introduction to Nanotechnology, organized jointly by Center of excellence in Nanotechnology and department of ECE, School of Technology, Assam Don Bosco University, in collaboration with IASST, Guwahati and IIT Guwahati and supported by STPI and NIELIT.	25-02-2019 to 02-03-2019.
72	Hridoy Jyoti Mahanta	STTP on Evaluating Students Performance, NITTTR Kolkata	25-02-2019 to 01-03-2019.
73	Sutanuka Nath	Evaluating students performance and designing question papers, ICT mode	25-02-2019 to 1-03-2019
74	Girija.T.R	Short term training programme through ICT mode on Evaluating student performance and setting question paper	25-2-2019 to 1-3-2019
75	Kaustubh Bhattacharyya	Conducted two days' workshop on "MATLAB Application in Digital Image Processing", organized by Assam Science & Technology University (ASTU) Under TEQIP-III in collaboration with Scholars Institute of Technology and Management.	25-03-2019 to 26-03-2019.
76	Kaustubh Bhattacharyya	Two days' Workshop on "LaTeX Document", organized by department of Physics, Assam Don Bosco University.	29-03-2019 to 30-03-2019.
77	Kaustubh Bhattacharyya	Short Term Training Programme through ICT mode on NBA Accreditation, organized by National Institute of Technical Teachers' Training and Research, Kolkata.	22-04-2019 to 26-04-2019.
78	Bikramjit Goswami	Short Term Training Program through ICT Mode on "NBA Accreditation" organized by National Institute of Technical Teachers' Training and Research, Kolkata	22-04-2019 to 26-04-2019
79	Dr. N. Aomoa	48th Orientation Programme, UGC-Human Resource Development Centre, NEHU	24-06-2019 to 14-07-2019
80	Kaushik Bhuyan	UGC Sponsored Orientation Course organised by HRDC, Mizoram university	24-06-2019 to 15-07-2019
81	Dr. Kasturi Goswami	Orientation Course, UGC-HRDC, University of Hyderabad	27-06-2019 to 17-07-2019
82	Dr Yumnam Lokeshwor Singh	7 days workshop on Bioinformatics - tools and techniques organised at Bioinformatics	28-06-2019 to 05-07-2019

		facilities, department of (National) biotechnology, St Edmund's college, Shillong	
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