

SPARK



A Newsletter for Don Bosco University family, alumni and friends

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Message from the Vice Chancellor

We are very close to the celebration of Christmas. It is a festival season that chimes familiar tones to everyone. A season for fun and frolic, celebration and gaiety, gifts and Santas, crowded roads and market places, all merged into a season of gifting and receiving.

Christmas reminds us of a journey, the journey of a law-abiding couple going to their ancestral home – where they find themselves homeless – spaceless – alone and clueless – searching for the privacy of a home. We all can sync with this journey – link our moments of helplessness and loneliness – moments of homelessness - a reflection of our journey.

Our university is going through a similar journey: of starting a first university in the private sector in Assam – a journey of hope conceived in 2006 and brought into existence the Assam Don Bosco University in 2008 through the letter of intent by the Government followed by an Ordinance establishing the University on 3rd December 2008, and finally by an act of the Government of Assam – ‘The Assam Don Bosco University Act, 2009’, published in the Gazette of the Govt. of Assam on 12th February 2009. 15 years since classes started in the Azara Campus with four Engineering programmes with 240 students, the University now hosts 43 programmes in UG and PG combined and 23 Doctoral programmes with more than 3900 students on campus.

The year 2020 played a crucial place in the educational journey of every institution: with the pandemic 2020 came NEP2020 and rapid technological advancements like AI, Machine Learning, Generative AI, Virtual and Augmented Reality, Robotic Process Automation, Internet of Things, Big Data, Blockchain, 5G, Quantum Computing, smarter devices etc., brought new winds of change and transformation in areas of work and education.

NEP2020 with its tenacity to absorb the best from all over, has opened wide the doors of education, making it truly student-centric, skill-based, market-oriented and the arrival of AI and chat GPT brought knowledge systems to everyone’s reach. I am happy to note that we began the meticulous planning for the implementation of NEP2020 in the last quarter of 2021 and we have successfully introduced 4-year degree programmes for the Undergraduates from the academic year 2023-24 except in the Engineering departments.

This year too saw a lot of encouraging developments in academics, research, infrastructure, networking and collaboration, and quality enhancement in which each one of us plays a role – large or small. Our university was featured in the NIRF Innovation Ranking 2023 in the band of 151-200 Universities in India.



One such marvel that was initiated through the Research and Development Cell of ADBU is the replacement of the 5th metacarpal bone of a cancer patient with a biocompatible artificial 5th metacarpal bone developed at ADBU using 3D printing technology on 10 October 2023 at Tezpur Medical College and Hospital. This medical advancement has not been reported prior to this event, says Prof. (Dr.) Chinmoy Das, HoD of Orthopedics, Tezpur Medical College and Hospital.

The Viksit Bharat @2024 initiative was launched by the Prime Minister of India, Shri Narendra Modi on 11 December 2023 to make India a developed nation by 2047, the 100th year of its independence. The vision encompasses various aspects of development, including economic growth, social progress, environmental sustainability, and good governance. This has given a new impetus to the process of education to make it a skill enabler in every field and arena with the main focus being inclusivity.

In this context, what Pope Francis said the other day is very poignant: “We are called to set out on a journey, like the Magi, following the light that always desires to lead us on, at times along unexplored paths and new roads.... He sends us on a journey, draws us out of our comfort zones, our complacency about what we have already done, and in this way He sets us free”. To those of us who dare and hope, strive and excel, it will be a journey that will take us to yet unimaginable horizons that beckon.

I wish you today a great journey ahead and may everyone you meet experience blessings of peace and joy.

Fr Jose Palely
Vice Chancellor

Twelfth Convocation of the University

The University conducted its 12th Convocation on Saturday, 23rd September, 2023 at Tapesia Campus. The Hon'ble Governor of Assam, Shri Gulab Chand Kataria, the Visitor of the university was present to grace the occasion along with the Vice Chancellor, Fr. (Dr) Jose Palely and Pro Vice Chancellor, Fr Joseph Nellnatt, Directors of Schools, Heads of Departments, faculty members, students and eminent dignitaries from all over the country.



In his Convocation Address, Shri Gulab Chand Kataria, Visitor and Hon'ble Governor of Assam said, "as the new young workforce of our beloved country, you are joining millions of youths with dreams, visions, innovative ideas and hopes for a better India. Try to be a part of that workforce which makes meaningful changes in the lives of our countrymen and citizens of the world at large, through innovative ideas and dedication." Shri Kataria also congratulated the university for a successful implementation of New Education Policy 2020 (NEP).

The Vice Chancellor, Fr. (Dr) Jose Palely, in his welcome address congratulated the graduates and said that, as they leave this campus, he hoped that they will find it easier to accept change and adapt tenaciously to the changing times. He encouraged them to be passionate about what they do, focus on reaching their destination, treat everyone with respect and compassion, undergird their decisions with the values they learned at the university."

Degrees were conferred on 1286 students of which 555 students received bachelor's degree in Engineering & Technology, Arts and Basic Sciences and 731 students received Master's degree in various branches of Engineering, Science, Humanities and Management. Doctoral degrees were conferred to 23 accomplished scholars.

Under Don Bosco University's Global Online and Distance Education Programme, 134 students received degree and 6 students received diploma under various programmes. A total of 28 students attended the convocation from various parts of the World. Gold Medals were presented to 36 outstanding graduates with the highest Cumulative Grade Point Average (CGPA) in each programme, spanning various categories.

The Chancellor's Gold Medal for outstanding graduate in Post Graduate (PG) programme was conferred to Ms Himakshi Das from the Department of Civil Engineering for securing the highest CGPA among the recipients of the Master's Degree. The Vice Chancellor's Gold Medal for outstanding graduate in Under Graduate (UG) programme is conferred to Alicia Lalrinpui, from the Department of Mathematics for securing the highest CGPA among the recipients of the Bachelor's Degree.

Among the category of newly introduced awards, 'Father Stephen Mavelly's Gold Medal' was conferred to Mr. Dapboklang Rynjah from M.Sc. Microbiology and 'Shri JN Bawri Memorial Medal of Distinction' was conferred to Priyanka Chettri from the BTech, Computer Science and Engineering for showcasing excellence in academics, social commitment, leadership roles and in curricular and extracurricular activities. The Partha De Gold Medal was awarded to Ms. Disha Sharma, MSc Psychology for her outstanding academic achievement and social commitment to helping others through psychological counselling.

MoU with 5 Taiwan Universities

The University signed MoUs with 5 Taiwan universities - National Chi Nan University, Yuan Ze University, Asia University, Kun Shan University, and National Kaohsiung University of Science and Technology - on 19 November 2023 at the Grand Hotel, New Delhi in the presence of the AICTE Chairman and the Ministry of Education, Taiwan. Dr. Jose Palely, Vice Chancellor and Dr. Bikramjit Goswami, Assoc. Professor & HoD, Dept of Electrical and Electronics Engineering represented the University in this event.

These MoUs aimed at helping the students to benefit from joint/dual degrees, internships, and Student Exchange programmes. These MoUs envisaged to promote faculty exchange, joint conferences, seminars and workshops, and paved the way for joint research and publications.

In his address to the delegates and participants, Prof. T.G. Sitharam, Chairman of AICTE, emphasised the importance of collaborative activities and partnerships in semi-conductor related technologies to make India a leader in semi-conductor and related technologies. The event was organised by AICTE together with the Ministry of Education, New Delhi. Members of the Ministry of Education, Taiwan, Delegates from 11 Taiwan universities, Vice Chancellors, and Heads of higher educational institutions from over 40 universities and institutions participated in the programme.



The University deeply appreciated the innovative measures taken by AICTE chairman, Prof. T. G. Sitharam and the Ministry of Education, Government of India in facilitating collaboration and partnership with Taiwan Universities.

MoU with Lunghwa University & Cheng Shiu University

The University signed an MoU with Lunghwa University of Science and Technology (LHU), Taiwan on 13th September 2023 and signed another MoU with Cheng Shiu University, Taiwan on 14th September.



Commenting on these MoUs, the Vice Chancellor, Fr. Jose Palely said, "These MoUs will pave ways for our students and faculty to collaborate with these Universities in research and technologically innovative developments, in addition to getting exposure to international education."

The MoUs signed with these two Universities aimed at facilitating collaborations in academic programmes, semester abroad programmes, joint degree programmes, faculty exchange and training, student internship and exchange and organizing joint bilateral conferences/workshops and seminars. The Memorandum of Understanding with LHU was signed by Fr (Dr) Jose Palely, Vice Chancellor, ADBU, and Dr.Tzu-Hsiang Ko, President, LHU while the MoU with Cheng Shiu University was signed with Prof. Shuenn-Ren Cheng, Vice President of Cheng Shiu University.

In addition, Assam Don Bosco University also signed a Collective MoU with Universities in India including, MEDICAPS University, SASTRA Deemed University, REVA University, IES University and Lunghwa University of Science and Technology in the same domain. These MoUs were fostered by the All India Council for Technical Education (AICTE) and were signed in the presence of Prof T.G. Sitharam, Chairman, All India Council for Technical Education (AICTE).

International Workshop on Palliative Care

The Institute of Pharmacy organized an International Workshop on Empowering Patients and Families: A Collaborative Approach to Palliative Care on 16 October 2023 at Tapesia Campus.



The purpose of the workshop was to create awareness for a collaborative, patient-centred approach to palliative care that respects the dignity, autonomy, and well-being of individuals facing serious illnesses and their families. Through education, skill-building, and open communication, it seeks to enhance the quality of life for those in need of palliative care support.

The first speaker, Ms. Gilly Burn, Founder and Director, Cancer Relief India, an expert in palliative care, delivered a profound talk, shedding light on the holistic approach to care, pain management, and the emotional well-being of patients and their families.

The second speaker, Dr. Preeti Sarmah, Registrar, Department of Gastroenterology, Guwahati Medical College and Hospital shared with the audience valuable insights and practical knowledge in palliative care and emphasized the evolving landscape of palliative care. The talks were followed by showcasing of innovative poster presentations by the students, reflecting a deep understanding of palliative care concepts and practices.

The palliative care workshop was a resounding success, creating a platform for meaningful discussions, knowledge-sharing, and networking opportunity. The event not only enhanced awareness of palliative care but also fostered a spirit of collaboration among stakeholders in the healthcare community.

National Conference – India 2.0: Ideas of Self-Reliant Bharat & Actions @ 75

The Department of Commerce organized an ICSSR Sponsored Two-Day National Conference on India 2.0: Ideas of Self-Reliant Bharat and Actions @75 on 13-14 October 2023 at Azara Campus.

The inaugural programme was graced by the Chief Guest, Prof. Amarjyoti Choudhury, eminent educationist and the former Vice Chancellor of Gauhati University, Guests of Honour Prof. B. Panda, Honorary Director, ICSSR, Shillong and Prof. Nayan Barua, Retd. Professor, Dept. of Commerce, Gauhati University and dignitaries from the University.



Addressing the gathering, the Chief Guest, Prof. Choudhury congratulated the organizers for selecting a pertinent topic of national interest, as the topic very well connects to all the areas of Commerce and Economics as well as to the country's growth and development. He mentioned in his speech the importance of proper distribution of wealth among all people and emphasized the importance of developing infrastructure of a country. His address was followed by speeches from Prof. B. Panda and Prof. Nayan Barua.

The keynote address was delivered by Prof. Munindra Kakati, Professor, Department of Management, Gauhati University and Former Vice Chancellor, Assam Rajiv Gandhi University of Cooperative Management, Sivasagar. Prof. Kakati mentioned at the very outset that the topic is a highly debatable one. He discussed at length in his speech about the key drivers of GDP of a nation as well as the five important pillars of Self-reliant Bharat. He concluded his speech by mentioning that our country has enough potential by working hand in hand with the Central Govt. and State Governments as well as institutions for achieving self-reliant Bharat.

The conference had eight technical sessions led by eminent academicians including Prof. Aparajeeta Borkakoty, Dr. Devajeet Goswami, Prof. Joydeep Baruah, Dr. Sinmoy Goswami, Prof. P. K. Jain, Dr. Rupam Sarma, Prof. Bhaskarjyoti Bora, Dr. Bikramjit Goswami, Prof. Pranjal Bezborah, Dr. Kaustubh Bhattacharyya, Prof. Amrit Pal Singh, Dr. Rashmita Barua, Prof. Tasi Kaye, Dr. Runumoni Lahkar Das and Prof. Prashanta Sharma. In these eight technical sessions, a total of 75 papers were presented.

National Conference on Social Safety Net in India

The Department of Economics organized ICSSR-NABARD sponsored Two-Day National Conference on “Social Safety Net in India: Policy Implementations and Achievements since Independence” on 12-13 October 2023.

The conference began with the inauguration by Honourable Vice Chancellor Fr. Dr Jose Palely along with Fr. Dr Zacharius George, Director of the School of Humanities and Social Sciences (SHSS) of the University. The conference invited eminent keynote speakers such as Prof. J.A. Arul Chellakumar, former Vice Chancellor, Sikkim Professional University, Dr Ramya Rajan Patel, Associate Professor, Department of CESP, JNU, Delhi and Dr Sandeep Kaur, Associate Professor, Dean, School of Social Sciences, Punjab Central University, Bhatinda. Other resource persons for the conference were Prof. M.P. Bezbaruah, Professor, Department of Economics, Gauhati University, Prof. Nissar A. Barua Department of Economics, Gauhati University and Dr Himansghu Kalita, Assistant Professor, Department of Economics, Dispur College.



Faculty, Research Scholars and students from different parts of India such as Kerala, Tamil Nadu, Bihar, West Bengal and other Northeastern parts of India participated and enlightened the conference by throwing light on the issues and way forward towards ensuring social safety and security in India and World. The presentation of their research on the various conference themes was both in online and offline mode. The organizing committee of the conference were Dr Ananya Kashyap (Convenor), Dr Polakshi Bhattacharyya Baruah (Co-Convenor), Dr Abdur Rashid Ahmed (Treasurer), Dr Pranti Dutta, Mr Rajani Das and Ms Jyotika Hazarika (Organizing secretaries). The conference valedictory function was on 13th October in the presence of Fr. Dr Johnny Jose, Registrar, ADBU. All the participants were awarded certificates of presentation for their research work. The conference concluded with the National Anthem.

Development of Biocompatible Artificial Bone

A research team at the University developed a biocompatible artificial 5th metacarpal bone and it was successfully used for reconstructing a patient's 5th metacarpal bone marking a significant milestone not only for the region but also for the entire field of Orthopaedic surgery. The surgery was conducted by a team led by Prof. (Dr.) Chinmoy Das under the guidance of Prof. Dr. Karuna Hazarika, at Tezpur Medical College & Hospital, Sonitpur on 10 October 2023. The 3D printed scaffold was fabricated using a biocompatible material that promotes bone regeneration. The research team comprised of Prof. Vikramjit Kakati, Director of Research and Development Cell, Assam Don Bosco University; Mr. Shreeprasad S.Manohar, Research Scholar, Department of Mechanical Engineering, Assam Don Bosco University and Mr. Sidartha Bora, Research Associate, Assam Don Bosco University.

Commenting on the surgery, Dr. Karuna Hazarika said that the patient was suffering from Enchondroma of 5th Metacarpal bone of the left hand and such disorders present challenges for surgeons due to the intricate nature of the metacarpal bones and the limited options for reconstruction. This time, the team was able to remove the diseased bone and create a customized biomedical scaffold that perfectly matched the patient's anatomy.



Prof. (Dr.) Chinmoy Das, Head of the Department of Orthopaedics at Tezpur Medical College, and Hospital wrote, “I extend my sincere appreciation to Assam Don Bosco University for its commendable contribution to the field of medical science. I am delighted that the surgical intervention was a success, resulting in the complete healing of the patient's operated wound. This achievement marks a significant advancement in the realm of medical science, as, to the best of our knowledge, replacing the 5th metacarpal bone with a biocompatible bone using 3D printing technology has not been reported prior to this event.”

Symposium on Nanomaterials and Nanotechnology

The Department of Physics organized a Symposium on Advances in Nanomaterials and Nanotechnology on 7th October 2023.

The symposium commenced with a welcome speech by Dr. Debajyoti Dutta, Head, Department of Physics, who spoke on the importance of the symposium, knowledge and benefits that the participants can gather from the symposium. The first session of the symposium started with valedictory speeches by Dr. Arabinda Baruah, Assistant Professor, Department of Chemistry, Gauhati University on "Recent Advancements in Two Dimensional Nanomaterials," and "Nanostructures around us," by Dr. Nirab Adhikari, Scientific Officer, IASST.



In the second session after lunch, Dr. Rashi Borgohain, Associate Professor, Department of Electronics and Communication Engineering, Assam Engineering College delivered a talk on "Nanostructured Sensors." The symposium ended with a valedictory session at 4:30 p.m.

MoU PwC (PriceWaterhouseCoopers)

The University signed an MoU with PwC (PricewaterhouseCoopers LLP) on 30th November 2023 and agreed to collaborate on a launchpad programme for advancing the development of students by aligning them to the latest technology to be industry trained by PwC to encourage collaboration, drive innovation, and develop industry trained students.



The objective of the program is to assist the development of students by aligning them to the latest technology to be industry trained. The Program is credit course for 6 months whereby students of the University, primarily through virtual sessions with about 40 hours of interaction with students which includes master classes along with 80 hours of the self-based platform training.

The Vice Chancellor Fr. (Dr.) Jose Paley and Mr. Hari Kumar - Managing Partner PwC LLP introduced Launchpad to Northeast. PwC delegation interacted with industry Associations Leaders and University's key functionaries to understand Northeast - challenges, investments and growth prospects.

Recent Trends in Electronics and Communication Engineering

A symposium on Recent Trends in Electronics and Communication Engineering was organized by the Department of Electronics and Communication Engineering (ECE) on 17 September 2023 in collaboration with the Department of ECE, Gauhati University, Assam.

The symposium was conducted in blended mode of offline as well as online. The convener of the symposium, Dr. Kaustubh Bhattacharyya, Head, Department of ECE presented the overview of the symposium. Technical session was presented by Dr. Kukil Khanikar, Assistant Professor, IIIT who delivered an inspiring talk on 'A Brief Overview of Scope and Challenges in Application of AI/ML in Wireless Communication,'

The second technical talk was delivered by Dr. Sushanta Kundu, Scientific Officer, Water Resource Department, Government of Assam on the topic 'Piezoelectric Vibration Based Energy Harvesting' while the third technical session was presented by Prof. Kandarpa Kumar Sarma, ECE, Gauhati University on the topic 'Futuristic Technologies in Electronics'. The fourth technical session was delivered by Mr. Manash Pratim Sarma, Assistant Professor, ECE, Gauhati University on 'Energy Harvesting and Quantum Possibilities.'



The final talk was delivered by Dr. Abdul Shabir who discussed about reliability and quality and how it is crucial to choose to purchase and manufacture a product. Also, he discussed the LED light in detail. He mentioned the objectives that can be optimized in the process of manufacturing including manufacturing tests like MET, ALT, etc. Lastly, he discussed the academic scopes in Taiwan and also talked about the internship programmes available.

A total of 59 students and researchers participated in the symposium.

World Animal Day 2023

The Department of Zoology in collaboration with the Eco-Club of Assam Don Bosco University celebrated World Animal Day on 4th October, 2023. The theme for this year Animal Day is "Big or Small, Love them all". The programme began with an introduction on World Animal Day celebration during the morning assembly. A short presentation on how to save animals was made by the students of MSC 1st Semester Department of Zoology. This was followed by a short message by Dr. Prasanta Kr. Choudhury, Director, School of Life Sciences where he spoke on the importance of the event and the initiative to create awareness against animal abuse.



Photography competition and selfie cut out stand Competition were organized as a part of the celebration. The winners of the Photography Competition were Steven Syiemlieh (First Prize), E. Asakho Chachei (2nd Prize) and Ashish Richard Binha (3rd Prize). The winners of the Selfie Cut out stand were Prottyusha Roy and Chukame Ch. Marak (1st prize), Zerina Jamatia and Nirmala Basumatary (2nd Prize) and Saikhom Angela Devi and Yumnam Suraj Singh (also 2nd Prize). There were a total of 30 participants for the Photography Competition and 22 participants for the Cut out Selfie stand competition. Both the events were carried out simultaneously by enthusiastic participants.

Symposium on e-Governance

The Department of Computer Applications, School of Technology, Assam Don Bosco University (ADBU) conducted a Symposium on Development of IT Skills for eGovernance Applications on 22nd September 2023. The objective of the symposium was to highlight the significance of information technology and programming skills that are primarily required for eGovernance applications. The symposium highlighted different aspects of eGovernance applications that are developed for citizen centric purpose.

The special guest of the symposium, Mr. Arun Jyoti Das, Scientist D and District Informatics Officer, National Informatics Center (NIC), Govt. of India delivered a talk on different key points pertaining to programming skills required for development of eGovernment applications. He also shared the way how a student can think about doing academic related major project work at NIC. He emphasized that a student's innovative project work activity and their novel applicability can be a suitable application for greater interest of public service.

As an outcome, the participants were able to learn the global market of IT sector as well as the skills and methodologies required to deploy eGovernance applications under NIC, Govt. of India. The session was conducted under the dynamic support and cooperation of Dr. Gypsy Nandi, Associate Professor/HoD, Department of Computer Applications, Assam Don Bosco University. The symposium was attended by the faculty members and students of School of Technology, ADBU. The session ended with vote of thanks from the chair.

World Children's Day

The Department of Social Work organized a panel discussion on 'For every child, every right' in commemoration of World Children's Day on 23 November 2023.

The first panellist, Mr. Anand Prokash Kanoo, Program Specialist, Risk and Resilience (Northeast India), UNICEF opened the floor for discussion on climate change and how it affects children. He showed statistics from around the world on how climate change is affecting vulnerable communities, specially children and further opined that Climate change poses significant challenges to children worldwide, impacting their lives in multifaceted ways. Understanding the implications of climate change on children is crucial for crafting effective mitigation and adaptation strategies.



The next panel discussion was on Primary health care and climate change, impact on child health led by Dr. Annapurna Kaul, Health Specialist, UNICEF Assam. Dr. Kaul gave the outlook that in societies worldwide, certain vulnerable groups, including children, women, the elderly, pregnant women, disabled and sick individuals, and those facing economic hardships, are disproportionately impacted by systemic challenges. These individuals often confront multifaceted barriers that impede their access to fundamental rights and opportunities. Children, the future torchbearers, are susceptible to the consequences of inadequate healthcare, education, and protection. Mr. Suresh Parmar, Specialist, Social & Behaviour Change, UNICEF office Assam & NE states led the last panel discussion and he dwelled on three points – Information on SBCC; Principles of SBC; Study findings on role of Youth and CCES and Role of Youth.

Once the floor was opened for discussion, Ms. Jessica Mukhim, MSW 1st semester student shared about her experiences of being a member of "Scouting" and their involvement during the Covid-19 pandemic and their work on creating sustainable planet. Ms. Shanni, MA mass communication shared on her mitigation and adaptation strategies to decrease carbon footprints- "Fashion Capsule". Mr. Sebastian shared about his work as part of "Green Commando" – an initiative of creating "Plastic Free Campus" and "Tobacco free Campus". Mr. Monjib gave his perspectives on the way of life by Japanese: Life of Minimalistic. A total of 92 students attended from the Department of Social Work, 20 from Mass Communication and 10 from the Department of Psychology.

International Workshop on Materials Modelling

The Department of Physics in collaboration with the Department of Chemistry, Assam Don Bosco University, Tape-sia Campus jointly conducted an International Workshop on Materials Modelling (IWMM-2023) on the 3rd and 4th of November 2023. Prof. Subhradip Ghosh, IIT Guwahati, delivered the first technical sessions on "Modeling energy storage capacity in a supercapacitor" followed by a talk from Dr. Abhishek Mishra, UPES Dehradun, on "DFT and modelling real materials." In the second technical session, Dr. Ankur Guha, Cotton University, delivered a talk on "Planar 2D Clusters: Promising Material for Energy Storage" followed by a talk on "ARPES for band structure generation of topological materials" by Dr. Anup Sakhya.



The first talk of the third technical session was delivered by Dr. Suman Chowdhury. Dr. Chowdhury presented his talk on "Basics of DFT and its application to thermoelectric materials," which was immediately followed by the second talk by Dr. Venkata Surya Kumar Choutipalli, Baylor University, Texas, on "Sustainable Nitrogen Reduction to Ammonia: A Computational Approach". Dr. Ujjal Saikia, Max-Planck-Institut für Eisenforschung GmbH, Germany, delivered the third talk of the session on "Machine learning approach in designing steel". After lunch, Dr. Naga Venkateswara Rao Nulakani, Khalifa University, Abu Dhabi, delivered the first talk of the fourth technical session on "Computational realization of Dirac nodal point and Dirac nodal loop fermions in novel two-dimensional graphyne materials" Dr. Elizabeth Martin Jefremovas, Gutenberg-Universität Mainz, Germany, delivered the last talk of the session on "Future prospects of Skyrmions: Theory and Experiments." The workshop was concluded with a valedictory session at 3:30 pm on 4th November 2023 where participants shared their thoughts and feedback on the workshop.

Workshop on Applications of Basic Bioinformatics

A two-day workshop on “Applications of Basic Bioinformatics” was organized by the Department of Botany, Assam Don Bosco University in association with Bioakademy-AGT Biosciences (OPC) Pvt. Ltd on 10-11 August, 2023.

The objective of the workshop was to provide a basic knowledge, understanding and information in relation to latest developments in the field of Bioinformatics. Altogether 69 participants including students, research scholars and faculty members from different departments attended the workshop.

On the first day, 10th August 2023, Inaugural function and two technical sessions were held. The inaugural function was attended by the Fr. Jose Palely, Vice Chancellor; Prof. JN Vishwakarma, Director of Research, Dr. Hemen Bharali, Director, School of Fundamental and Applied Sciences and Dr. Akan Das, Director, Bioakademy, Guwahati and his team along with the faculty members and participants.



The inaugural session was followed by two technical sessions which were conducted by the resource person, Dr. Akan Das and his team. In the first technical session, participants were introduced to the basic concept on bioinformatics and its applications and also to various biological databases along with practical exercise on how to retrieve biological data from these databases. In the second technical session, a deep insight into the nucleic acid analysis, homological sequence search using BLAST, sequence alignment using OMEGA CLUSTAW, primer designing and microsatellite identification were presented and discussed.

On the second day, 11th August 2023, three technical sessions and valedictory function were held. The first session was on comprehensive overview of proteins. The second session was practical based, focused on protein sequence and structure analysis using various software like RasMol, BioEdit, prediction of secondary protein structures, visualization of 3D structure of protein, prediction of active site, etc. The final session was also practical based focused on handling of bioinformatics software i.e. BioEdit. The workshop concluded with a valedictory function where the participants shared their feedbacks on the workshop, followed by distribution of certificates and vote of thanks.

Training on Basic to Advanced Computation

A hands-on Training on Basic to Advanced Computation was conducted by the Department of Physics on 8th and 15th September 2023.

The primary objective of the training programme was to equip the students with essential computational tools and techniques required for carrying out their project work. The training module included Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Origin, GNU Plot, and Latex. The training comprised of six hours of lectures and hands-on activities each day for four days. The training was initiated from an introductory level and the trainees were taken to an advanced level during the course of the training, with special emphasis on dexterity.



They were asked to solve problems and were given ample home assignments to hone their skills. The trainees were provided with resource materials ranging from relevant websites, YouTube channel links to discussion forums.

The programme proved to be a valuable addition to the academic curriculum. It was successful in preparing the students for writing a good project report and delivering a good presentation. In addition, it encouraged a spirit of inquiry, critical thinking, and collaboration.

The training programme was attended by the students of M.Sc. third semester and B.Sc. fifth semester students. The programme was organized by Dr. Debajyoti Dutta, HoD, Department of Physics and the training was conducted by Dr. Yajnya Sapkota and Dr. Bikash Borah, Assistant Professors of the same department.

Field Visit to Central Ayurvedic Research Institute

The Institute of Pharmacy organized a field visit to Central Ayurvedic Research Institute on 9 November 2023 with the objective of enriching students' understanding of traditional medicine, specifically Ayurveda, and exposing them to the intersection of ancient healing practices with modern pharmaceutical sciences. The visit aimed to bridge the gap between theoretical knowledge gained in classrooms and the practical application of pharmaceutical principles in the context of traditional medicine. Students were given a comprehensive tour of the institute's state-of-the-art laboratories. Researchers explained ongoing projects, methodologies, and the integration of modern scientific techniques with traditional Ayurvedic principles.

The institute boasts an extensive herbal garden featuring a diverse array of medicinal plants. Experts guided participants through the garden, highlighting the significance of each plant in Ayurvedic medicine. This practical exposure underscored the importance of plant-based remedies in traditional healing practices.



The visit also featured live demonstrations of the preparation of Ayurvedic formulations. Experts explained the selection of herbs, extraction techniques, and the rationale behind combining specific ingredients, providing valuable insights into the therapeutic aspects of Ayurvedic medicines. A live demonstration of Ayurvedic therapies was a unique aspect of the visit. Participants observed traditional healing practices such as Panchakarma therapies and the therapeutic benefits of each was explained to them. Engaging sessions were also conducted where participants had the opportunity to interact with senior researchers, raised questions and discussed various aspects of Ayurvedic research. This exchange of ideas facilitated a deeper understanding of the challenges and breakthroughs in the field.

The field visit to the Central Ayurveda Research Institute proved to be an insightful and enriching experience for all participants. It not only deepened our understanding of Ayurvedic medicines and research but also highlighted the institute's commitment to preserving and advancing traditional knowledge in contemporary times. The event successfully achieved its objectives by bridging the gap between theory and practical application in the field of Ayurveda.

Workshop on Financial and Tax Literacy

The workshop on Financial and Tax Literacy Drive in collaboration with ICAI, New Delhi was conducted by the Department of Commerce on 22nd November, 2023 with Ms Neha Gaggar, Chartered Accountant as the resource person.

Ms Neha started the session with asking the students basic questions like - what is income? and what is expenditure? After that she explained what are the benefits and importance of investment as a young generation with a very beautiful video. Later she explained about the mutual fund and added how we can do investment in mutual fund if one doesn't have much knowledge about the market. She added that mutual fund acts as a mediator where it takes the amount from you and invest it in the right platform.



She also highlighted about the two major life based financial risk i.e risk of dying early and risk of living too much. She mentioned that before this type of risks arise, one should have life insurance, health insurance and do retirement savings etc. She also discussed about the current account, savings account, debit card and credit card. She explained how CIBIL score in credit card work by giving some examples in interacting with the students to make it more interesting.

The workshop ended with a vote of thanks from the Dr. Biju Mani Das, Head, Department of Commerce.

Swachhata Pakhwada

“Swachhata Pakhwada - 1st October 2023” an initiative aimed at promoting cleanliness and sanitation in India, has been a significant campaign since its inception. On the eve of the auspicious occasion of Gandhi Jayanti, the students of the Department of Civil Engineering, joined hands to participate in this noble endeavor.

Armed with brooms, gloves, and dustbins, the students actively engaged in cleaning drives within and around the campus and enthusiastically swept and picked up litter, leaving their surroundings spotless. This hands-on approach not only contributed to a cleaner environment but also served as a powerful message to others about the importance of taking personal responsibility for cleanliness. A total of 30 students from various departments took part in this event.

The event was conducted under the supervision of Pro-Vice Chancellor of the University Fr. Joseph Nellanatt, Director of School of Technology ADBU, Dr. Manoranjan Kalita, Head of the department Dr. Girija T. R and with the cooperation of faculty members of the department Ms. Sutanuka Nath and Dr. Mrinal Kanti Sen.



Lecture on Women Empowerment

On 3rd October 2023, the Department of Public Administration organized a special lecture on “Women Empowerment” in Block-1, Auditorium. Mrs. Krishna Baruah, ACS, who is serving as the State Head of the Assam Rural Livelihood Mission (ASRLM), Government of Assam was the resource person. Mrs. Baruah highlighted the various initiatives taken under ASRLM for women’s empowerment. A total of 100 students actively participated in this session. At the end of the speech, the resource person interacted with students and the programme concluded with a vote of thanks delivered by Dr. Pankaj Kumar Kalita, Assistant Professor & Head, Department of Public Administration.

Invited Talk - Electrical Safety

The Department of Electrical and Electronics Engineering organized an Invited Talk on Electrical Safety by Mr. Bicky Kumar Paul, an alumnus of the Department, on 7 October 2023. Mr. Paul is Regional Team Lead, Eastern India and Bangladesh, Rotork India, a unit of Rotork PLC, UK.

The speaker discussed various electrical hazards, including electric shocks, burns, and fires and emphasized the importance of understanding the nature of these hazards to mitigate risks effectively. He also gave an overview of international and local safety standards and regulations related to electrical systems and appliances. The speaker highlighted the importance of compliance with these standards to ensure the safety of both individuals and properties. Practical tips and preventive measures were shared to minimize the risks associated with electricity. This included proper installation and maintenance of electrical systems, the use of circuit breakers and safety switches, and regular inspections of wiring and appliances. The talk also focused on electrical safety in the workplace. The speaker discussed safe work practices, the use of personal protective equipment (PPE), and guidelines for working in proximity to live electrical equipment. Information on how to respond in the event of an electrical accident was provided. This included first aid measures for electric shock victims and the importance of contacting emergency services promptly. The speaker emphasized the role of communities in promoting electrical safety and discussed the importance of awareness campaigns, educational initiatives, and involving local authorities to ensure that safety measures are implemented effectively.



Following the presentation, an interactive Q&A session allowed the audience to ask specific questions related to their concerns about electrical safety. The speaker provided detailed and insightful answers, addressing various scenarios and concerns raised by the participants.

The invited talk on electrical safety proved to be highly informative and beneficial, equipping the audience with valuable knowledge and skills to enhance electrical safety in their personal lives and workplaces. The event highlighted the significance of continuous education and awareness in preventing electrical accidents and ensuring the well-being of communities. Participants left the talk with a heightened awareness of electrical hazards and a commitment to implementing safety measures in their daily lives.

Interaction with Nishkam Diwakar

On 6th October 2023, the Department of Public Administration hosted an interactive session on “Administrative Services- Experience and Challenges” to provide glimpses of real-life experiences and challenges in administration. The resource person was Mr. Nishkam Diwakar, OSD to Governor of Assam. Addressing the gathering, Mr. Nishkam Diwakar emphasized the importance of a vigilant staff to facilitate administrative functions efficiently. He also suggested that civil servants must hold public hearings from time to time to make administration more citizen-centric. The talk was followed by question-and-answer session where students raised thought provoking questions resulting in a lively and fruitful session.



The event was concluded with an address by the Vice Chancellor, Father Jose Paley. He highlighted the changing dynamics of a public administration and the importance of preparing oneself as a problem-solver. The programme ended with felicitation of the resource person.

Skill Enhancement Workshop on Community Mobilization

The Department of Social Work organized a two-day Skill Enhancement Workshop on Community Mobilization for the students of MSW 1st semester on August 28 & 30, 2023 whereby, Ms. Ciciwanbok Syiemlieh and Dr. Lojita Khaidem, Assistant Professors, Department of Social Work were the resource persons. The main objective of the workshop was to develop and strengthen the community mobilizing skills of the students. On the first day, the students were introduced to the concept of Community and Community Mobilization in the first session, followed by a session on the Tools for Community Mobilization. Students were divided into three groups and were asked to work on one tool which they can use for mobilizing people.



The presentation of the activities was on the second day, in which students presented the tools in a form of flash mob, skit and song performance in different places within the campus. This was followed by discussions on their learnings and a session on the Roles of Community Mobilizer. The workshop ended with a vote of thanks by Dr. Lojita Khaidem.

Chandrayaan-3 Utsav – Sketch Exhibition

The Administrative Club of the Department of Public Administration organized a Sketch Exhibition to celebrate Chandrayaan-3 Utsav on Wednesday, 13th September, 2023. The event was held at Basement-1, Academic Block-5 from 2:00 PM to 4:30 PM. The exhibition aimed to showcase the artistic talents of the students of the Department of Public Administration while commemorating India's lunar exploration efforts.



The Sketch Exhibition was a unique initiative to celebrate India's ongoing endeavours in space exploration, specifically the Chandrayaan-3 mission, which had garnered significant attention and excitement across the country. The theme of the exhibition, “India on Moon,” allowed the students to channel their creativity and imagination into visually representing India's lunar aspirations. Students from various semesters within the Department of Public Administration enthusiastically participated in the sketch exhibition. They were given the freedom to interpret the theme in their own way, resulting in a diverse array of artwork. The participation and response from the students were overwhelming, highlighting their enthusiasm for both art and science. The Sketch Exhibition featured a wide range of sketches, each telling a unique story and perspective on India's journey to the moon. Some common motifs included depictions of the Chandrayaan-3 spacecraft, Indian flags on the lunar surface, and the excitement of scientists and the public as India continued its exploration of the moon. The use of colours, techniques, and styles varied greatly, showcasing the students' artistic diversity.

Interactive Session on Intellectual Property Rights

The Department of Zoology in collaboration with Eco Club, Assam Don Bosco University organized an Interactive Session on Intellectual Property Rights (IPR) on 29th September 2023, at the Auditorium of Academic Block I. The Speaker for this event was Ms. Dipamani Baishya, Project Scientist, Patent Information Centre, ASTEC, Guwahati.

The event began with a note of welcome by Mr. Muktar Ahmed, student of BSc 3rd Semester, followed by a speech from Dr. Prasanta Kr. Choudhury, Director, School of Life Sciences, who expressed his gratitude to the Department and the guest, and anticipating an enrichment of knowledge.

Ms. Baishya, an enthusiastic speaker, ensured the session was highly interactive. She introduced the topic and explained the importance of IPR. She elucidated the different types of IPR, namely, Patent, Trademark, Copyright, Design Registration, Geographical Indications and Semiconductor Integrated Circuit Layout Design. She also briefed about the period of the validity of each IPR and whether it can be renewed. Ms. Baishya concluded her talk with a short quiz session which was very interactive and created an enthusiasm among the participants as gifts were handed out to members of the audience who gave correct answers.



The quiz was followed by a brief speech by Prof. Saibal Sengupta and shared his outlook on the concerned subject. A token of gratitude was presented to Ms. Dipamani Baishya by Prof. Sengupta on behalf of the Department of Zoology. Dr. Jane Shangpliang, Head, Department of Zoology, expressed her appreciation towards Ms. Dipamani and presented a brief remark on the importance of IPR. The session was attended by 47 participants.

VanitAgrata and DNA Analyzer won NE Awards

VanitAgrata, the women empowerment cell of Assam Don Bosco University and another work DNA Analyzer, won the 8th eNorth East Award 2023 under the Social and Financial Category and Health and Well-being category respectively. The prestigious award was conferred at the award ceremony jointly organized by the Council for Social and Digital Development (CSDD), Digital Empowerment Foundation (DEF), and North East Development Foundation at Guwahati on November 25, 2023.



VanitAgrata won the award for its outstanding contributions to the empowerment of women in Assam. The cell's initiatives, particularly the projects named ShashaktMahila and Shashakt-Balika, have played a pivotal role in realizing its mission since its establishment in 2015. Under the dynamic leadership of Dr. Gypsy Nandi, Associate Professor in the Department of Computer Applications, VanitAgrata has demonstrated exceptional dedication and commitment to uplifting women in Assam.

Another work DNA Analyzer by Dr. Hemashree Bordoloi, Asst. Professor, Dept. of Electronics and Communication Engineering, Assam Don Bosco University won the award under health and well being category. It is a web-based DNA sequencing tool which can be used for the disease prediction and detection.

The eNorth East Award is a flagship event recognizing and promoting innovative digital solutions for sustainable development in the North Eastern region since 2010.

Swachh Doud: Run for Cleanliness

Assam Don Bosco University's NSS Unit organized Swachh Doud: Run for Cleanliness and Swachhata Hi Sewa to celebrate Mahatma Gandhi's 154th birth anniversary on October 2, 2023. The event emphasized Gandhi's values, community engagement, and volunteering. NSS volunteers pledged 100 hours per year for cleanliness initiatives. The Vice-Chancellor, Assam Don Bosco University, flagged off the cleanliness campaign from Tapesia Campus to Medhikuchi Village, involving Shramdaan to pick up litter.



In addition, an awareness programme on cleanliness was held at Medhikuchi LP School, with guest speakers highlighting the importance of cleanliness, personal hygiene, and environmental conservation. The event concluded with a Bihu dance performance and Swachhata Hi Sewa by volunteers.

Mental Health Day

On 10 October 2023, the Department of Social Work, Assam Don Bosco University observed World Mental Health Day with a range of activities aimed at promoting mental health awareness and reducing the stigma associated with mental health issues. The theme of the year was "Mental Health is a Universal Human Right". The event comprised street plays, performances, a quiz program, and speeches, all contributing towards highlighting the theme.



Two separate groups of students organized street plays at different locations within the university premises. One group performed near Block 1, and the other group performed in the Atrium, effectively engaging the university community. The street play near Academic Block II focused on the importance of listening as part of addressing the hidden burden of mental health issues along with focusing on sensitization building. The street play inside the atrium highlighted the misconceptions on mental health issues and the need to have an accommodating environment towards it.

A quiz programme was also conducted by Mr. Bhaswab and Ms. Lavinia, Assistant Professors from the Department of Social Work. The quiz aimed to educate and test the knowledge of the attendees on mental health-related topics.

The Mental Health Day program on October 10, 2023, was a successful and enlightening event, engaging students and faculty members alike. Through various performances and activities, the event successfully raised awareness about mental health and encouraged open dialogue about the subject. The engagement of the university community in such initiatives is crucial for fostering a mentally healthy and supportive environment.

Invited Talk on Geometric Design and Road Safety

On 19th August 2023, an enlightening and informative invited talk on "Geometric Design and Road Safety" was organized by the Department of Civil Engineering with Mr. Kuldeep Kalita, Technical Officer, Transportation System Engineering Division, Department of Civil Engineering, IIT, Guwahati. Mr. Kalita is also a Member of World Transport Research Society and is a Certified Road Safety Auditor. He is also credited to have imparted his knowledge to highway professionals and society through various training programmes conducted by organizations like Assam PWD, Asian Institute of Transport Development.

The talk focussed on the pivotal role of geometric design in ensuring road safety and enhancing transportation efficiency. Mr. Kalita shared real-world examples and case studies to illustrate the profound impact of geometric design choices on road safety outcomes. He also addressed contemporary challenges in road safety, such as accommodating pedestrians and cyclists, addressing the needs of differently-abled individuals, and designing for vulnerable road users. Mr. Kalita stressed the significance of adopting a holistic and inclusive approach to geometric design to create roadways that prioritize safety for all. The programme proved to be a valuable learning experience for the students. His deep insights and practical knowledge offered a unique perspective on the intricate relationship between geometric design choices and road safety outcomes. A total of 97 students attended the talk.

Seminar Lunch

A seminar lunch was organized at Block - V, Basic Training Restaurant by the Department of Hospitality & Hotel Administration in collaboration with Department of Pharmacy.

The event started mise-en-place where the students of B.Sc in HHA reported to the kitchen and F & B Service department where pre-determine teams assembled for the event. The event started with tea and was further followed by a lunch.

Lunch started at 1:00 pm and it was attended by Ms. Gilly Burn (Founder, Director, Cancer Relief India), Dr. Preeti Sarmah (Registrar, Dept. of Gastroenterology, Guwahati Medical College and Hospital), Dr. Raja Chakraborty (HoD, Dept of Pharmacy), Dr. Deepak Sharma (Prof. Dept of Pharmacy), and Dr. Subhrangshu Dhar (Head, Department of Social Work).



Reutilization of Food Waste

The Department of Hospitality and Hotel Administration organized a Workshop on Reutilization of Food Waste on 29th September 2023.

The workshop aimed at teaching the students various ways in which food wastes can be reused. The session began with Mr. Manas Sarkar demonstrating ways in which food waste can be used for food and decorative items. He briefed the students about the amount of food wastes that happens around the country in a daily basis and the importance of knowing ways in which these food waste can be reused.

The workshop ended with an exhibition of various food items made from food waste and it was attended by faculty members from the Departments of Public Administration, Education and Psychology.



National Engineers' Day Celebration

Engineers' Day is celebrated annually on September 15th in India to commemorate the birth anniversary of Sir M. Visvesvaraya, a renowned engineer and statesman. This year, the Department of Civil Engineering organized Engineers' Day celebration on 14th September 2023, consisting of a seminar on diverse architectural topics, emphasizing creativity, Roman architecture, and global architectural marvels.

The seminar began with an insightful session on "Application of Creativity in Architecture." This topic delved into the crucial role creativity plays in the field of architecture. Dr. Aishwarya Sharma, a distinguished architect and speaker, highlighted how innovative thinking and artistic expression are essential elements in creating architectural marvels. She showcased several contemporary architectural projects that exemplify creativity in design, encouraging aspiring architects to think beyond conventional boundaries.

The second segment of the seminar was dedicated to "Roman Architecture." Dr. Marcus Antonius, a renowned historian and architectural expert, took the audience on a journey through time to explore the magnificence of ancient Roman architecture. He discussed the significant architectural elements of Roman structures, such as arches, columns, and aqueducts, and their enduring impact on modern architecture.



In the final part of the seminar, attendees were treated to a series of captivating case studies on “Different Architectural Marvels around the World.” A panel of architects and civil engineers presented case studies on iconic structures like the Burj Khalifa, Taj Mahal, Great Wall of China, and the Sydney Opera House. These presentations offered valuable insights into the engineering challenges, design intricacies, and cultural significance of these renowned landmarks.

This event left the audience inspired, with a renewed appreciation for the art and science of architecture.

ECE Invited Talk

An Invited Talk on “Application of Machine Learning and Data Science in the Advancement of Electronics and Communication Engineering” was held on 30th August 2023 in the Department of Electronics and Communication Engineering. The Talk was coordinated by Dr. Kaustubh Bhattacharyya, Head, Department of ECE and was delivered by Dr. Sivaranjan Goswami, Senior Programmer Analyst, TechVariable Private Limited, Guwahati. There was a question-Answer cum Discussion session, where participants raised some questions and were discussed. All the students of department of ECE participated in this event along with few students from other departments. Among the participants, there were faculty members, PG Students, UG Students and PhD Research Scholars.

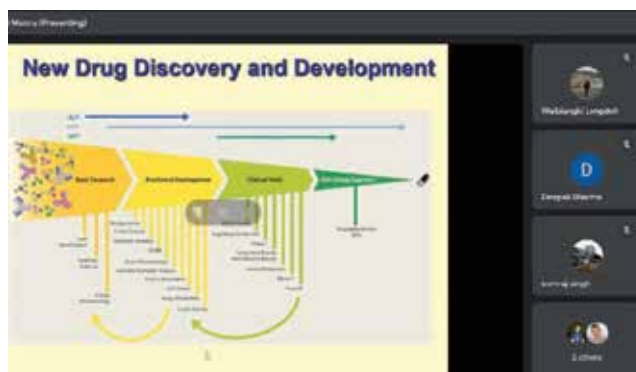


Lecture on Drug Discovery

The Institute of Pharmacy organized the first of its Special Lecture Series titled ‘Drug Discovery and Essential Contribution of Pharmacy Graduates’ on 29th November 2023 through hybrid mode with Dr. Kuntal Manna, Associate Professor & Head, Department of Pharmacy, Tripura University as the resource person.

The lecture aimed to provide students with in-depth insights into drug discovery, exposing them to the latest industry trends while focusing on skill development for careers in research.

The speaker began by emphasizing the impact of pharmaceutical innovations on the quality of life. He highlighted the essential role that new drugs play in addressing unmet medical needs, improving patient outcomes, and enhancing overall well-being. He touched various steps in drug discovery including - new drug discovery and development, time and financial resources required, R&D pipeline for pre-clinical and clinical studies, and approval process. He also gave a detailed explanation on the intricate processes involved in bringing new drugs to the market.



The lecture also emphasized on the vital role pharmacy graduates play in drug development, various career paths and research opportunities, and the importance of collaboration among professionals.

Symposium on Intellectual Property Rights for Information Technology

The Department of Computer Applications conducted a Symposium cum Expert Talk on Intellectual Property Rights for Information Technology on 2nd September 2023. The objective of the symposium was to highlight the significance of intellectual property rights in the field of information technology. The symposium highlighted different possibilities of IPR that are commonly used to protect various aspects of technology and software.

The session started with a welcome address by Dr. Gypsy Nandi, Associate Professor, Head, Department of Computer Applications, School of Technology, Assam Don Bosco University. She emphasized the key importance of intellectual property rights from the perspective of information technology.

The invited guest, Mr. Ranadeep Bhuyan, Software Engineer, INTUIT Inc, Melbourne, Victoria, Australia delivered a talk on different key points pertaining to patent, copyright, trademarks, open-source license, data rights, and creative common license. He also shared how a student can think about having patent from the course work that was carried under their academic projects. He suggested that a student's innovative project work activity and their novel applicability can be a good document for filing a patent application. As an outcome, the participants were able to learn the global market of intellectual property rights in the IT sector as well as the methodologies required for availing the legal protection in IT sector.

The open discussion as well as the questionnaire session was coordinated by Dr. Abhijit Bora, Assistant Professor, Department of Computer Applications. The symposium cum expert talk was attended by the faculty members and students of School of Technology, ADBU. The session ended with vote of thanks from the chair.

Industrial Talk – Munmee Saikia

The Department of Electrical and Electronics Engineering organized an Industrial talk on "A brief overview on 400kV Kukurmara GSS" by industrial expert on 9th November 2023, as one of the initiatives to bridge the industry-academia gap and to make students industry-ready as soon they enter the professional life. Ms. Munmee Saikia, Assistant Manager in the Assam Electricity Grid Co. Ltd. (AEGCL), who is also an alumnus of the department, was the resource person of the programme.



The resource person described about the 400 KV Grid Sub-Station under AEGCL situated at Kukurmara, Mirza (Assam) in an industrial approach. Mirza substation's feeder details were mentioned which included 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 were visually exposed with main bus and a transfer bus, main bus with bus sectionalizer, Lightning Arrester, CVT, Circuit breaker, isolator and Wavetrap. A detailed discussion was held on NIFPS (Nitrogen Injection Fire Protection System) and various parts of power transformers. A total of 58 participants of B.Tech, M.Tech along with the faculty members of the department attended the session.

Cancer Awareness Programme

As a part of an ongoing commitment to community engagement and health awareness, the Department of Social Work organized a comprehensive cancer awareness program in the Upper Tepesia Village on 8th November 2023. The program focused on three significant types of cancer: breast, cervical, and oral. With the technical support provided by Dr. B Borooah Cancer Institute, Guwahati, the event was made possible and informative.



The resource persons for this program was Ms. Bhabani Hazarika, who brought her expertise to enlighten the community. She was supported by Ms. Hirumoni Roy, ANM, Dr B Borooah Cancer Institute and Mr. Phanidhar Kalita, Buffer Staff, Dr B Borooah Cancer Institute. The resource persons conducted interactive workshops that covered essential information about breast, cervical, and oral cancers. Participants had the opportunity to ask questions and engage in discussions. Visual aids such as informative posters, charts, and videos were used to enhance the understanding of the topics discussed. Ms. Hazarika, Mr. Ali, and Ms. Sarma also shared clinical insights including risk factors, early signs, and the importance of regular screenings and conducted practical demonstrations on how to perform self-examinations for breast and oral cancers.

The event saw active participation from the residents of Upper Tepesia Village. The attendees engaged in discussions and expressed their concerns regarding cancer-related issues. The community showed a strong willingness to adopt healthier lifestyles and take steps towards early detection.

RESEARCH PULSE

PHD ADMISSIONS 2023

The process of admission to the PhD programme of the University involves a number of steps. First of all the Heads of various departments conducting doctoral studies were contacted to provide in-take capacity. These numbers were compiled and an advertisement was put out on our website and in newspapers (with a last date) inviting eligible and interested candidates to apply. A meticulous review of applications was undertaken, leading to the shortlisting of eligible candidates based on pre-determined criteria. The shortlisted candidates were invited to attend a written test/oral interview. Followed by this a merit list of selected candidates along with a waitlist was prepared and was put out on the University website for the selected candidates to complete their admission process. The successful completion of the PhD admissions process for the academic year 2023 at Assam Don Bosco University has resulted in the admission of 68 scholars who exhibit exceptional promise and potential in their respective fields.

PHD COURSEWORK 2023

The PhD Course Work 2023 spreads over a period of one semester starting from 08/May/2023 had come to a close as their examinations were conducted on 9-11/November/2023. The course work was designed to offer a comprehensive and intensive curriculum that aligns with the research objectives of the doctoral program. The course work is divided into modules that cover essential theoretical and methodological aspects relevant to the students' chosen fields of study. The PhD Course Work 2023 results were declared on 11/12/2023 with a pass percentage of 95.71%

RESEARCH PROPOSAL PRESENTATION LEADING TO REGISTRATION

Altogether 67 of our research scholars have successfully completed their research proposal presentation and have applied for registration.

PHD PRE-SUBMISSION SEMINAR

Thirty nine of the research scholars, presented in the following table, have completed their Pre-Submission seminar.

Name of the Scholar	Department
Shajan Noronha D.	English
Eniro Murry	North East India Studies
Rene Barbie Browne	Biochemistry
Salim P.	Management
Bikash Agarwal	Electronics and Communication Engineering
Tirtharaj Sapkota	Computer Science and Engineering
Shilpika Khanikar	Chemistry
Sanatan Kr. Nath	Physics
Barnali Pathak	Physics
Thumchuichan Raman	Psychology
Ritu Sarkar	Education
Hazel Berret Wahlang	Social Work
Ashraful Hussain	English
Anjok Kropi	Education
Henry V.L. Nghilhlova Zote	Education
Jayashree Deka	Electrical and Electronics Engineering
Bimal Lakra	Social Work
Robin Thomas	Social Work
Vijay Prasad	Computer Science and Engineering
Nayanmoni Borah	Biotechnology

Runima Das	Biotechnology
Pearlin Shabna Naziz	Biotechnology
Barry Cooper Hynniewta	Microbiology
Abdul Majid Ahmed	English
Suklang Kharnaioir	Biotechnology
Nupur Choudhury	Computer Science and Engineering
Lakhima Hazarika	North East India Studies
Arjun Chetry	Computer Science and Engineering
Nilakshi Devi	Electrical and Electronics Engineering
Brajen Kumar Deka	Computer Science and Engineering
Herali Achumi	North East India Studies
Marma A. Sangma	Philosophy
Oshyajem Longkumer	Education
Kasanchi M. Momin	Microbiology
Songeeta Singha	Microbiology
Parismita A. Kashyap	Electronics and Communication Engineering
Antony AF	Management
Moushumi Barman	Computer Science and Engineering
Sudipta Sarma	Biotechnology

PHD VIVA VOCE EXAMINATION LEADING TO AWARD OF PHD DEGREE

Twenty nine of our research scholars, presented in the following table, from various departments had their thesis defense leading to the completion of their doctoral studies from Assam Don Bosco University.

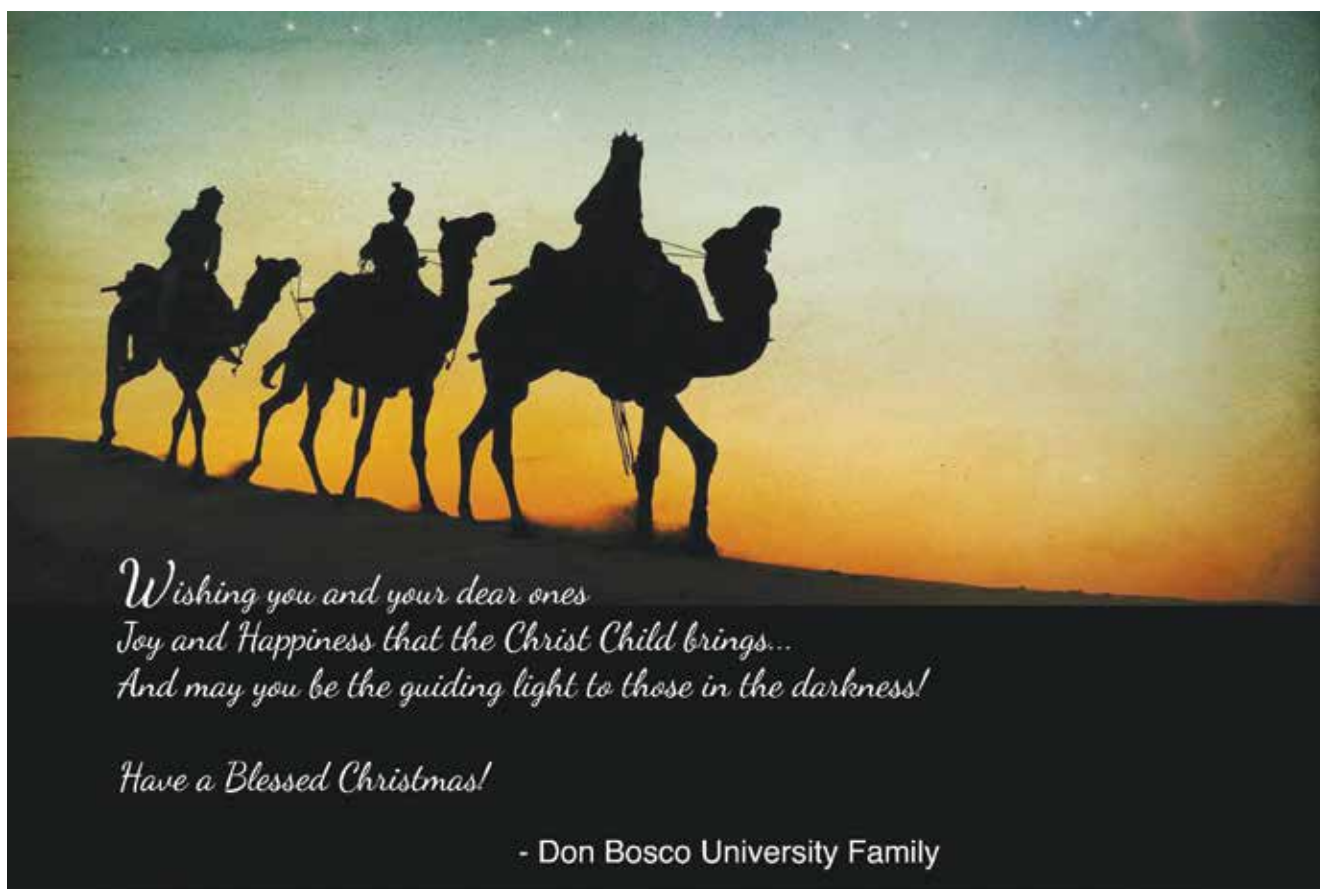
Name of the Scholar	Department
T. Alemla Longkumer	Education
David F. Marbaniag	Management
Joy Francis	Comparative Religion
Janet Sylvia Mendonca	Education
Sharmistha Jha	Mass Communications
FHA Shibly	Computer Science and Engineering
Hakani Daioo Symplici	Biotechnology
Victor Narzary	Social Work
Bibharani Swargiary	Social Work
Alisha Lalljee	Psychology
Salim P	Management
Sankar Jyoti Nath	Management
Tirtharaj Sapkota	Computer Science and Engineering
Ritu Sakar	Education

Susma Das	Chemistry
Bikash Agarwal	Electronics and Communication Engineering
Thumchuichan Raman	Psychology
Hazel Berret Wahlang	Social Work
Eniro Murry	North East India Studies
Shajan Noronha D	English
Rene Barbie Browne	Biochemistry
Jayashree Deka	Electrical and Electronics Engineering
Shilpika Khanikar	Chemistry
Robin Thomas	Social Work
Aju Kurian	Education
Sanatan Kr Nath	Physics
Barnali Pathak	Physics
Anjok Kropi	Education
Henry V.L Nghilhlava Zote	Education

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Published by ASSAM DON BOSCO UNIVERSITY
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Editor and Layout Designer- James Famkima

For private circulation only