



ASSAM  
DON BOSCO  
UNIVERSITY



Annual  
Report  
2022-23

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# Foreword by the Vice Chancellor

With the ever-changing landscape of higher education over the years, meeting the rising demands and changes in higher education due to scientific advancements and technological developments has always been a challenge we face every day. Educational thinkers come and go; some ideas and thoughts remain while some are set aside. Governments often set up think tanks to study, research and come up with suggestions for improvements in education, right from the primary education to university education.

Modernisation of Education has always been easier said and discussed than implemented. We have come a long way since the Kothari Commission in the 1960's came up with the need for modernisation of education systems, the need for equity and access, national universities, quality improvement etc. Out of these recommendations, the need for quality improvement and incorporating modern technologies in our education system remain the key challenges and mandatory steps we must take as we strive for providing better education each passing year and with higher goals in mind.

Over the years, we have witnessed a lot of revolutionary changes in the teaching-learning processes in higher educational institutions in India. We need to reflect, reinvent, and adapt swiftly to these new and innovative trends in teaching methodologies to be at par with the best universities and colleges in the world. And for such to happen, what we need is an open mind to unlearn, relearn and be willing to change for the better.

When the New Education Policy 2020 was released, and with Central and State Governments taking initial steps in providing awareness of the policy, Assam Don Bosco University was one of the first higher education institutions in the state of Assam to fully embrace it. Apart from the Vice Chancellor and Registrar attending multiple awareness programmes and discussions organized by the government, the University itself organized over 25 programmes including workshops, lectures, and trainings for the teachers. The transition from a 3-year Bachelor programme to a 4-year programme required hours and hours of discussion at the Department level where the foundation needed to be laid with careful planning of the curriculum including lesson plans, programme objectives and outcomes. The Department level planning was followed by a thorough examination at the Board of Studies, deliberations, meetings after meetings and the finalization of strategic plans and final launching of the 4-year programme in Bachelor levels. With the first batch of students in this 4-year programme in their first semester, we look forward to a successful implementation of this policy, counting on the commitment of our faculty and staff and on the trust of our students and their parents bestowed upon Assam Don Bosco University.

We have come a long way since we began our journey on 29th March 2008 when the Government of Assam favoured 'Don Bosco Society Azara' with a 'Letter of Intent' to establish the first University in the private sector in Assam. There have been multiple hurdles, set-backs and disappointments in this journey but we pressed on with an undying hope and a guiding light and a firm commitment and belief that this University has been established in a fertile and solid land to be a beacon of hope for a better future for the youth of North East India in particular and for the whole country and the world as well.

This year too saw a lot of encouraging developments in academics, research, infrastructure, networking and collaboration, and quality enhancement.

A short report on each of this category is given below...



***In the field of academics***, as in the previous years, this year too saw incredible activity at all campuses of the University with an array of programmes (workshops, internships, conferences) organized by 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 following seven journals that the University started in the earlier years:

S/N	Journal title	Editors
1	Journal of Northeast Indian Cultures	Fr. Dr. Joy Kachappilly HoD, Department of Philosophy
2	ADBU Journal of Engineering Technology (AJET)	Prof. Shakuntala Laskar Professor, Department of Electrical and Electronics
3	The Journal of Development Practice	Prof. Riju Sharma Professor, School of Humanities and Social Sciences
4	Journal of Applied and Fundamental Sciences	Prof. Tarini Kumar Dutta Professor, Department of Mathematics
5	Journal of Management in Practice	Mr. Chandan Dutta Assistant Professor, Department of Management
6	ADBU Journal of Electrical and Electronics Engineering (AJEEE)	Prof. Shakuntala Laskar Professor, Department of Electrical and Electronics

***In the area of research***, the University's focus on research and innovations has never been deterred. We have an enviable research culture in the University with 65.76% (146 out of 222) of the faculty with PhD, another 46 (20.72%) actively pursuing their doctoral research in various topics in basic sciences, engineering and technology, humanities and social sciences, commerce and management in Universities in India and abroad.

In the latest ranking of NIRF INNOVATION announced on 5<sup>th</sup> June 2023 by the Ministry of Education, Government of India, Assam Don Bosco University was the only University in the private sector in North East India featured in the rank band. This is a testament of the commitment of the University in encouraging innovations and the result of the hard work and dedication of our faculty and students.

The campus was abuzz with seminars, conferences, and workshops, both physically in-campus and online. Our Faculty-Student ratio is a very healthy 1:16, much better than most of the old and established universities and well above the requirements of the statutory bodies.

It is also noteworthy that the number of papers published in journals of repute by members of the faculty has significantly increased. Most of these arise out of their areas of research work, Doctoral Research or Funded projects. It is also gratifying to note that our students have got into the act with several of their papers getting published in journals and conference proceedings.

It is also a matter of pride that we have today 402 research scholars, pursuing their doctoral studies across 25 disciplines – 23 scholars were awarded the Doctoral degree this year in addition to 103 awarded at earlier convocations. The total number of scholars awarded PhD degree till date is 126.

***In the area of infrastructure development***, with a demand for more faculty residences at hand in Tapesia Campus, we have cleared a plot of land for constructing 9 2BHK, 9 1BHK and 9



Bachelor quarters. We hope to be able to start the constructions soon.

Focussing on strengthening our facility and infrastructure for Online and Distance Education, we have built multiple Audio-Visual recording rooms with sound proof, solely dedicated for our Online and Distance Education.

We have also built Animal House for the Institute of Pharmacy and the School of Life Science to enhance the academic research environment in the emerging fields of experimental pharmacology, molecular biology, toxicology, and zoology in general. In addition, for the students of Life Sciences, we have planted over a hundred medicinal plants in the Medicinal and Herbal Plants Garden and also over a thousand tree saplings in the campus.

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 meaningful social work during the course of their study at the University. It is gratifying to note that the concept of 'Service Learning' that we initiated four years ago is now a nationally adopted concept embraced by the UGC for all colleges and universities.

Speaking of campus development, we are proud of our plantations (numbering over 25,000 trees over the years – rubber, agar, coconut, cashew, neem, cocoa). Soon, 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. Our latest feature is a Herbal Garden, spread over 2 hectares, supported by BSRB.

Our water bodies, all seven of them, are brimming over with fish, including the anti-malarial variety that feed on mosquito larvae. Water harvesting is a given on the campus, with all the fresh water being corralled into the fresh water lakes.

***In the area of networking and collaboration***, recognizing the importance of sharing and exchange of ideas and best practices among higher educational institutions, the University this year initiated various collaborations with local as well as international higher educational institutions. Assam Don Bosco University was selected as one of the few universities in India to be a part of All India Council for Technical Education delegates to visit Taiwan to initiate institutional collaborations with Universities in Taiwan in the technological development researches. Till date, the University has signed Memorandum of Understanding with 7 universities in Taiwan and we look forward to a fruitful collaboration 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.

***In the area of quality assurance***, we have already initiated the preparation for the next assessment and accreditation process for which we are aiming to be the first University in Assam with A++ grade. As of now, we are the only University in Private sector in Assam with an A grade from NAAC.

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 categorically stated that the performance of IQAC in Don Bosco University is unparalleled in the whole country.

In the past year, our Internal Quality Assurance Cell, IQAC, is channelizing the efforts and



measures of the university towards excellence in research and setting in place robust series of internal quality audits. The IQAC has been working actively as the think tank of the university, taking on the dual roles of initiator and monitor of all quality enhancement works of the university.

The IQAC successfully conducted the following audits this year:

- Audit of the Research Climate in the university
- Energy Audit of all the three campuses of the university
- Audit of the Watershed Management in the university

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The post pandemic world order taught us that change is the only constant in life. Our theme for the year is “New Horizons beckon... to strive, to seek to find! ... to drink life to the lees! ... to become a part of all that you meet!” We embrace change and seek new experiences, combinations, abstractions, and creations.

India is on the path to self-reliance. Our Universities and research institutions focus on applied research and development work, without losing touch with the fundamental or basic research. This year, India used the G20 Presidency to put its imprint on the global education agenda - ***vasudhaiva kutumbakam***, where one’s interest becomes the interest of all, and our inherent heterogeneity reassures the world of nations that ours is a hand of friendship.

*Fr. Jose Palely*  
*Vice-Chancellor*



# 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 134 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 and School of Professional Studies. 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.

Guided by this vision and leveraging its century-old expertise in education in India and abroad, Don Bosco University is envisaged to be a Centre of excellence in study and research focusing upon the following:

- Providing easier access to higher education for the under-privileged
- Harmonizing technical excellence with human and religious values
- Employment-oriented courses in emerging areas of contemporary technology and service
- 'Teacher Education' as a privileged area of interest to accelerate the pace, reach and quality of education
- Impetus to research initiatives with practical and social relevance
- Providing a forum for debate and research on key human issues like religion & culture, peace & justice
- Contributing to the socio-economic development of North-East India
- Boosting international linkages and collaboration in university education

## Schools

The Assam Don Bosco University started with four academic programmes of Engineering and Technology in 2008 and currently the University offers 19 graduate programmes, 22 postgraduate programmes and doctoral studies in 24 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 2022-2023: A Diary of Events

## Interaction with German Ambassador

German Ambassador Walter J Lindner addressed Assam Don Bosco University on April 1, 2022, discussing the theme 'New Diplomacy for New Global Challenges.' He engaged in a lively session with students, emphasizing the importance of diverse cultures in fostering tolerance.

Fr (Dr) Stephen Mavelly, in his welcome speech, highlighted the diplomatic challenges in a world threatened by war. Ambassador Lindner stressed the need for unconventional diplomats and leaders who are transparent and accountable. He shared insights on the war in Ukraine, urging a shift in focus from military spending to pressing global issues like poverty, climate change, and plastic pollution.



Lindner discussed 'The Perfect Storm' of overpopulation, reduced resources, and climate change, urging young minds to devise solutions. The interactive session covered topics such as the Ukraine war, climate change, and the world economy. Lindner praised the students' attentiveness and the university's cross-cultural atmosphere in a post-event tweet.

## Student Exchange with Alfred Nobel University

As a part of the MoU signed with Alfred Nobel University, Dnipro, Ukraine, nine Students from the Department of Public Administration have enrolled in Alfred Nobel University's Spring 2022 Online Exchange Program – Nobel Virtual for a semester (February-June, 2022).

Under this exchange program, the students will be taking up various courses from the Alfred Nobel University including: Theoretical Phonetics and Theoretical Grammar of English (3 credits)

- International Organizations (5 credits)
- Macroeconomics (5 credits)



- Introduction to Business Management (5 credits)
- International Management (6 credits)

Upon successful completion of the course, these students will receive a certificate of completion of the course, which will be the basis for academic recognition of credits received.

## International Women's Day



The Department of Education celebrated International Women's Day on March 10, 2023, under the theme 'DigitAll: Innovation and Technology for Gender Equality.' Attended by Honorable Vice Chancellor Fr. Stephen Mavelly and Prof. Ursula Fasselt from Frankfurt University, the program featured Bible reading, a group song, and speeches in English and Hindi by students, including L. Bobita Singha and Prometheus Marak. Fr. Stephen Mavelly highlighted women's contributions and gender equality, emphasizing the transformative role of digital media. Prof. Ursula Fasselt discussed the empowerment of women through digital technology. The event included a skit showcasing inspiring women, a 'Thank you note' to women by Andrew Changsan, and concluded with the Lord's Prayer by Dibya Lakra. Dr. Bonnie Amonge Crerar and Miss Ritu Sarkar coordinated the program.

## Arushi Mudgal on Campus

On the evening of February 19th, the University hosted an Odissi dance recital by renowned Indian Classical Dancer Arushi Mudgal at the Tapesia Campus Auditorium. The event organized by SPICMACAY, featured Arushi's exceptional ability to explain dance postures, making it accessible for those unfamiliar with Indian classical dances. The audience, captivated by her performance, showered her with applause. Vice Chancellor Fr (Dr) Stephen Mavelly expressed his admiration, stating, "I did not take my eyes off her throughout her performance." Arushi Mudgal, recognized as one of the Top Ten Dancers of 2018 by the New York Times, has showcased her talent at prestigious festivals worldwide.



## Visit of Dignitaries from KKHSOU

On 17th February 2023, Dr. Rajendra Prasad Das, Vice Chancellor and Dr. Arupjyoti Choudhury, Registrar of Krishna Kanta Handiqui State Open University (KKHSOU) along with two faculty members visited Assam Don Bosco University, Tapesia Campus and interacted with the Vice Chancellor Fr. (Dr) Stephen Mavelly and Pro Vice Chancellor (Tapesia) Fr (Dr) Jose Palely.



The discussion centred around signing an MOU between the two Universities which could lead to a possibility of offering Dual Degrees to the Students of Don Bosco University – a normal degree obtained on campus and a stand-alone degree in Distance Mode at KKHSOU. This would be in keeping with meeting some of the NEP 2020 possibilities of pursuing two degrees at the same time.

## Interaction with German Consul-General



The Department of Public Administration organised an Interactive Session on Current Affairs with Mr. Manfred Auster, German Consul-General, Kolkata on 2nd February 2023 at Academic Block I Auditorium. The session lasted for two hours.

Mr Auster spoke on 'Climate Crisis' as a priority issue where the whole world needs to focus. He linked other events like Military Operation in Ukraine, Economic Activities and Carbon Emission levels and activities taken by various governments regarding carbon footprint. He outlined how we can address the climate issues through sustainable developmental activities. He presented how

European Countries are adapting several methods to reduce carbon emission and address climate crisis like reduction of private transport by providing incentives to those using public transports, usage of Green Hydrogen etc. He also appreciated the efforts India is making to address the climate crisis.

In the discussion hour, the students interacted with Mr. Auster clearing their doubts and motivating the students to take individual responsibilities on addressing the issues of climate change. Around 100 students and faculty members from the department of Public Administration participated in the seminar.

## Republic Day 2023

The University marked Republic Day 2023 at the Tapesia Campus Rotunda with the hoisting of the Indian National Flag, featuring group songs, dance performances, and speeches. Fr. (Dr) Stephen Mavelly, the founding Vice Chancellor,



raised the flag, followed by a pledge administered by Deepa Leima. The event included a rendition of 'Vande Mataram' by the Department of Mathematics, a dance titled 'Bharat Ki Beti,' and a speech by Arpit Gameti, emphasizing respect and unity. The Vice Chancellor stressed the importance of tolerance, expressing concerns about its decline globally. Additional group songs and a message from Fr. Stephen Mavelly followed, concluding with a prayer for the country by Ms. Mebari V Dorphang, Assistant Professor in the Department of Zoology.

## University Disbursed Scholarships

The University today disbursed Merit Scholarships to a total of 87 students for the Autumn 2022 Semester with the highest awarded to a student being 58,000 and the lowest being 10,000. Scholarships are disbursed every semester at Don Bosco University to the meritorious students.



Addressing the gathering, the Vice Chancellor Fr. Stephen Mavelly said, "Over the years, there have been hundreds of students who have availed scholarships at our University with the highest awarded to an individual student being 4,64,000. These scholarships are made available to encourage meritorious students to avail of the excellent academic ambience of the University as well as to ensure equitable access to higher education for economically weaker sections of society.

Darshita Kalita, a student of Computer Science and Engineering and a resident of Guwahati, who is one of the recipients of 58,000 today commented, "I am really glad that the University is making such scholarships available. This is helping me a lot financially and also it motivates me to continue to perform well in my studies to continue to get it every semester".

Don Bosco University scholarships are awarded every semester to those who continue to get the required SGPA in the Semester Exams.

## MoU with National Quemoy University

The University signed an MoU with National Quemoy University, Taiwan, Republic of China on 11th January 2023.

This MoU aimed at strengthening the relationship and expanding the bilateral cooperation and assistance in higher education and to collaborate on a range of initiatives that are mutually beneficial. This MoU covers a wide range of activities



including Student and Staff Exchange Programmes, Cultural Exchange Programmes, Research Projects, Internships, Academic Activities, Course Development and conferring Joint Degrees as and when permitted by the Statutory Authorities of both the countries.



The MoU was signed by Fr. (Dr) Stephen Mavelly, Vice Chancellor of Assam Don Bosco University and Dr. Chien-Min Chen, President, National Quemoy University.

## Eleventh Convocation of the University

The 11th Convocation of Assam Don Bosco University took place on September 10, 2022, at Tapesia Campus, attended by the Hon'ble Governor of Assam, Prof. Jagdish Mukhi, the university's Visitor. The Vice Chancellor, Fr. (Dr) Stephen Mavelly, Pro Vice Chancellors, Directors of Schools, faculty, students, and dignitaries from across the country were present. Prof. Jagdish Mukhi urged graduates to be agents of positive change and responsible citizens. He commended the university's resilience during the COVID-19 pandemic and its recent achievements, including NAAC "A" accreditation.



Fr. (Dr) Stephen Mavelly, in his welcome address, expressed confidence in the graduates' ability to shape the future. Degrees were conferred on 984 students, including bachelors and masters degrees, doctoral degrees for 18 scholars, and diplomas for 14 students. Gold Medals were awarded to 36 outstanding graduates with the highest CGPA in each program. Ms. Reshmin Sultana received the Chancellor's medal for outstanding postgraduate graduate, and Ms. Chingangbam Snehapriya received the Vice Chancellor's medal for exceptional contributions to campus life.

## Appreciation Day 2022

The University's faculty and staff Appreciation Day was held on 12 December 2022 at Azara Campus of the University.

This year's Appreciation Day included various performances from the faculty and staff including poetry reading, solo, group singing, dances, tug of war, tambola etc. Appreciation Certificates and awards were given to those who excel in their performance under various categories including e-Content Development, Research Grants, organization of major events, publication in journals/book chapters etc. The programme was attended by faculty and staff including their families.

## Interactive Session on Open Access Journals

To observe International Open Access Week 2022, the Department of Zoology, in collaboration with the Central Library at Don Bosco University, hosted an Interactive Session on Open Access Journals on October 29, 2022. Mr. Gautam Gogoi, the University's Librarian, was the speaker. The session, initiated by a welcome note from the host Muktar Ahmed and a message from Dr. Prasanta Kr Choudhury, Director of the School of Life Sciences, featured Mr. Gogoi's interactive presentation. He emphasized that information is readily available with just a click and highlighted the evolving significance of research papers. Mr. Gogoi discussed international efforts, such as the Netherlands' Open Science platform, and India's initiatives like the UGC's



thesis repository, ShodhGanga (2018). The session concluded with a quote emphasizing the collaborative nature of education. Active participation from the Department's students marked the success of the event, with 124 participants in attendance.



# School of Technology

## Special talk on importance of Data science in present world

On April 4, 2022, EduViden hosted a session highlighting the importance of data science. Founder Gaurav Das, a Civil Engineering graduate with a master's in Geotechnical Engineering, and co-founder Istiaque, a Mechanical Engineering graduate, emphasized the relevance of data analytics as a crucial skill for the 21st century. The session targeted 8th-semester students, discussing EduViden's goal to train students comprehensively in data science. They explored internship programs and the future's reliance on artificial intelligence, receiving positive feedback for the insightful two-hour session from both students and faculty in the Civil Engineering department.

## Outreach Program- Career Awareness Workshop

As part of the Outreach Program, the Department of Mechanical Engineering at Don Bosco College of Engineering and Technology, Assam Don Bosco University, organized a Career Awareness Workshop on May 25, 2022, at Chandraprava Bora High School, Azara. Dr. Buljit Buragohain, a distinguished career counselor and Head of the Department of Mechanical Engineering, served as the resource person for the workshop. Addressing students' queries about choosing the right career path, Dr. Buragohain provided detailed explanations on building a successful career through hard work and dedication. He also highlighted the availability of career advice via phone (9435188630) every Saturday from 6 PM to 9 PM. Assistant Professors Harajit Das and Tapash Jyoti Kalita from the Department of Mechanical Engineering at Assam Don Bosco University were also present. The workshop had 41 participants.

## Seminar “Career Paths after Mechanical Engineering”

A seminar on “**Career Paths after Mechanical Engineering**” was organized by the Department of Mechanical Engineering, Don Bosco College of Engineering and Technology, Assam Don Bosco University on 27<sup>th</sup> May, 2022. The seminar was conducted by Dr. Buljit Buragohain, Head, Department of Mechanical Engineering and renowned career counsellor of the state. Apart from clearing the doubts of the students while choosing the right career path, Dr. Buragohain also responded to all the questions. He gave detailed explanation on how with hard work and dedication, all the students can mould a successful career for themselves. In the seminar, he also explains about different options apart from higher studies after getting an engineering degree. Shahnowaz Hussain, Training and Placement Officer of Assam Don Bosco University and Leena H. Nemade, Assistant Professor, Department of Mechanical Engineering also spoke in the seminar. The numbers of participants of the seminar was 11.

## Workshop on Game Development

On May 28, 2022, the Coding Club of the Department of Computer Applications and the Department of Computer Science and Engineering organized a Game Development Workshop at the Conference Hall of Azara Campus, utilizing the Unity 3D Engine. The workshop saw the participation of 29 attendees from the CSE and BCA programs. Gaurav Kalita (BCA 6) and Tanmoy Kashyap (CSE 6) served as the resource persons for the event. Unity, a cross-platform game engine developed by Unity Technologies, was the focal point of the workshop. Initially introduced in June 2005 at the Apple Worldwide Developers Conference as a Mac OS X game



engine, Unity has evolved to support various platforms, including desktop, mobile, console, and virtual reality. Beyond its technical capabilities, Unity also provides game developers with insights, data, and tools to enhance game experiences, retain players, and foster game growth.

### **Training on Communication**

As part of the department's training and placement initiatives, an online skill development program focusing on Communication Skills took place on June 4, 2022. Specifically, students from the 6th semester of the BCA program participated in the course titled "Be a Master Communicator," provided by FutureSkills Prime, NASSCOM. The primary objectives of the course were multifaceted, aiming to equip students with essential communication skills for various workplace scenarios.

These objectives included the utilization of core communication values, impactful communication by balancing emotions and information as needed, mindful and empathetic listening to understand others' needs and perspectives, and the ability to ask pertinent questions at the right time to gather relevant information.

All BCA 6th semester students enrolled in the course, which was offered for free. Some students have already completed the program and obtained certification, while others are still in the process of completing it.

### **SashaktBalika 2022**



On May 30, 2022, the Women Empowerment Cell, VanitAgrata, at the School of Technology, Assam Don Bosco University, organized the 'SashaktBalika' Digital Training Programme for young girls residing at the State Home for Women in Jalukbari, Guwahati. These girls, provided with shelter and rehabilitation training, participated in the program.

VanitAgrata successfully concluded the training with 22 enthusiastic participants who displayed a keen interest in acquiring knowledge about the basics of computers, Desktop Publishing, and Internet usage. The program concluded with a feedback session from the participants and the distribution of certificates.



## Department of Computer Applications -Training and placement activity

Training and placement activity as part of the department's training and placement initiatives, an online skill development program focusing on Communication Skills took place on June 4, 2022. Specifically, students from the 6th semester of the BCA program participated in the course titled "Be a Master Communicator," provided by FutureSkills Prime, NASSCOM.

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## Swabalamban 2022



From July 11 to 16, 2022, the departments of Computer Science & Engineering, Computer Application, Electronics and Communication Engineering, Electrical and Electronics Engineering, and Mechanical Engineering jointly organized Swabalamban-2022. This initiative aimed to enhance the skills of unemployed youth, promoting their employability and potential for self-employment through free training in various disciplines. In collaboration with UNISERVITATE, the training program covered DeskTop Publishing (DTP) and PC Maintenance, the design of Solar Powered Chargeable LED lamps, Electrical House Wiring, and Welding & Fitting. A total of 40 unemployed individuals, including young men and women from the University's neighboring communities and SOS Children's Village, actively participated in the program.

The DTP training focused on imparting fundamental computer skills, software installation, PC formatting, and document printing and scanning. Participants in the Solar Powered LED Lamps training created lamps equipped with solar panels for battery charging using sunlight, which could also be charged electrically. Those engaged in house wiring received instruction on electrical connections, wiring fundamentals, and installation testing, aiming to equip them to become independent electricians. The Welding & Fitting segment involved hands-on training, demonstrating machine and tool operation, empowering participants to initiate their own businesses with minimal capital.



The program concluded successfully on July 16, 2022. During the closing ceremony, participants were awarded certificates, expressing hope that they would apply their newly acquired skills and eventually establish themselves as self-employed individuals in their respective fields.

## University Team won Smart India Hackathon 2022

In the 6th edition of the Smart India Hackathon (SIH) organized by the Ministry of Housing and Urban Affairs, Government of India at Manipal University, Jaipur on August 25-26, 2022, the University's team, Terra Vision, consisting of six students and two mentors, clinched the first prize. This victory, which includes certificates and a cash prize of 1 lakh rupees, marks the University's fifth win since the inception of SIH in 2017.



Terra Vision, emerged as one of the five finalists, successfully navigating a five-level selection process alongside teams from Adhiyamaan College of Engineering, Tamil Nadu, V.V. College of Engineering, Tamil Nadu, and Bajaj Institute of Technology, Maharashtra. The competition involved young engineers from various colleges and universities nationwide, tackling problem statements provided by the Ministry. It's worth noting that three members of Terra Vision have secured job offers, one has a lined-up position through a paid internship, and the remaining two are anticipating responses from prospective companies. A total of 29 teams, comprising 200 participants, engaged in the competition, addressing six problem statements from the Ministry of Housing and Urban Affairs, Government of India.

The Smart India Hackathon serves as a nationwide initiative, offering students a platform to address pressing problems in our daily lives and fostering a culture of product innovation and problem-solving. The success of previous editions, SIH2017, SIH2018, SIH2019, and SIH2020, highlights its effectiveness in promoting innovative thinking among young minds, particularly engineering students from across India.

## Career Awareness Workshop

As part of the Outreach Program, the Department of Mechanical Engineering at Assam Don Bosco University School of Technology conducted a Career Awareness Workshop on September 3, 2022, at Dharapur Higher Secondary School, Dharapur. Utpal Sarma, Principal of Dharapur Higher Secondary School, delivered the welcome speech at the workshop. The resource persons included Dr. Buljit Buragohain, a distinguished career counselor and Head of the Department of Mechanical Engineering at Assam Don Bosco University School of Technology, and Pranjal Sarma, Assistant Professor in the Department of Mechanical Engineering. In addition to addressing students' uncertainties in choosing the right career path, Dr. Buragohain provided a detailed explanation of how students, through hard work and dedication, can shape a successful career. Pranjal Sarma delved into the role of hobbies in shaping one's career. The workshop saw the participation of 29 students.



## Seminar on Career opportunities

The Department of Mechanical Engineering at Assam Don Bosco University School of Technology organized a seminar on career opportunities after completing B.Tech studies on October 11, 2022. Leena H Nemade, Assistant Professor in the Department of Mechanical Engineering, introduced the resource person for the seminar. Dhananjay Kumar, a Research Scholar under the PMRF program in the Department of Mechanical Engineering at IIT Guwahati, engaged in a detailed discussion with students about the Graduate Aptitude Test in Engineering (GATE) and the Prime Minister's Research Fellows (PMRF). He also addressed various questions from the participants. The seminar had a total of 33 attendees

## Seminar held on international day for Disaster Reduction

On the occasion of the International Day for Disaster Reduction on October 13, 2022, the Department of Civil Engineering organized a seminar. Mr. Githartha Kalitha, Assistant Professor in the Department of Civil Engineering, delivered a comprehensive talk to the students. The seminar covered various topics, including World Conferences on Disaster Risk Reduction, Early Warning Systems, Vulnerability, Disaster Management Cycle, Rehabilitation and Repair, Classes of Damage, Natural Disasters, and Earthquake Resistant Design of Structures. Mr. Kalitha also provided insights into the functions of key entities such as the National Disaster Management Authority, National Institute of Disaster Management, and National Disaster Response Force.

## Seminar on Career awareness for goal setting



A seminar on “**Career awareness for goal setting**” was organized by the Department of Mechanical Engineering, Assam Don Bosco University School of Technology on 5th November, 2022. The seminar was conducted by Dr. Buljit Buragohain,

Head, Department of Mechanical Engineering. He explained about how to choose the right career path for goal setting. He gave detailed explanation on how with hard work and dedication, students can mould a successful career. Leena H. Nemade, Pallav Gogoi, Pranjal Sarma , Harajit Das and Kamaldeep Kalita, Assistant Professor, Department of Mechanical Engineering also spoke in the seminar. At the end of the seminar, the students expressed their views. The numbers of participants of the seminar was 38.

## Recent Trends in Gaming Industry

The Department of Computer Applications and the Department of Computer Science and Engineering jointly organized a one-day event on Recent Trends in the Gaming Industry at



Azara Campus on November 9, 2022. Students from both departments actively engaged in gaming competitions and participated in counseling sessions to explore various job roles within the gaming industry. Industry representatives from Facebook Gaming, Trinity Gaming, and Next Level Gaming offered insights into different technical platforms. The event introduced registered participants to various gaming devices and virtual reality platforms, allowing them to experience emerging technological features in the gaming industry

## Outreach Programme – Career Counselling



As a part of an Outreach Programme, a Career counselling Programme was organized by the Department of Mechanical Engineering at Jalukbari Higher Secondary School on 20th January 2023.

The resource persons for the workshop were Dr. Buljit Buragohain, a prominent career counsellor of the state and Head, Department of Mechanical Engineering and Harajit Das, Assistant Professor of the Department of Mechanical

Engineering. Apart from clearing the doubts of the students while choosing the right career path, Dr. Buragohain also gave detailed explanation on how with hard work and dedication, every student can find a successful career in life. He also discussed the importance of choosing specialization subjects at the Higher Secondary School level and informed them various career options in different streams – Science, Commerce, Arts, Vocational etc.

In this programme, the importance of general knowledge for various competitive exams and interviews was also discussed. Mr. Harajit Das's talk mainly focused on polytechnic courses available and how such courses prepare students for various jobs. The programme was attended by 23 students along with the Principal of the School.

## COALESCENCE '23: Alumni Meet of EEE Department

On January 21, 2023, Azara Campus hosted COALESCENCE'23, the second edition of the Electrical and Electronics Engineering Department's Alumni meet. Sixteen distinguished alumni, spanning from 2012 to 2022, attended the event, sharing nostalgia and memories of their time on campus. Dr. Bikramjit Goswami, Head of the Department, and Prof. Manoranjan Kalita, Director of the School of Technology, welcomed and commended the alumni. The alumni expressed their commitment to staying connected, offering insights to current students. Plans for an EEE Alumni Association were



proposed, emphasizing annual contributions for future events. The event concluded with appreciation for the alumni's achievements and their positive influence on current students.

On 21 January 2023 at the Azara Campus, the Electrical and Electronics Engineering Department hosted the second edition of the departmental Alumni meet, christened COALESCENCE'23.

### **Symposium on IT Solutions in Agriculture Sectors**

On January 30, 2023, the Department of Computer Applications organized a Symposium on Beneficiary-Centric IT Solutions in Agriculture. The symposium aimed to address challenges and applications of Information Technology in agriculture, seeking solutions to farming process challenges. Prof. Manoranjan Kalita, Director of the School of Technology, stressed the importance of farmers for societal progress. Ms. Sharmistha Deka, a



Digital Financial Inclusion Expert Consultant, discussed Digital Transformation in the Agriculture Sector of North East India. Dr. Uzzal Sharma, Head of the Department of Computer Application, spoke about the role of machine learning and artificial intelligence in agriculture. The session concluded with an open discussion and a vote of thanks. The event was attended by on-campus students and faculty, as well as remote participants via Google Meet.

### **Alumni interaction and Invited Talk on- Potential of Entrepreneurship in Current Scenario**

On February 4, 2023, the Department of Civil Engineering at Assam Don Bosco University hosted an Alumni Invited Talk on "Potential of Entrepreneurship in the Current Scenario" featuring Ms. Anubha Baruah, a 2016 graduate and current entrepreneur. Another speaker, Mr. Chandan Lahkar, joined the seminar. The speakers shared experiences and practical advice on succeeding as entrepreneurs in today's dynamic business environment. Final and pre-final year students, along with faculty members, attended the insightful event.

### **Symposium on Recent Trends in Cyber Security**

The Department of Computer Applications organized a Symposium on Recent Trends in Cyber Security on February 6, 2023, with the aim of emphasizing the significance of Cyber Security in the Digital World. The session, initiated by Dr. Uzzal Sharma, Head of the Department, stressed the responsibility of young individuals in spreading awareness about cyber security. Dr. Sarat Kumar Chetry, Assistant Professor at ADBU, spoke on



Data Privacy and Security in the Digital Age, addressing data protection laws and real case studies on data breaches. Special guest Mr. Ivan Das, a consultant in IT Security and Training with over 12 years of experience, discussed the importance of industry perspective in cyber security and demonstrated techniques such as Phishing, SQL injection, session hijack, and data vulnerability.

Dr. Gypsi Nandi and Dr. Abhijit Bora coordinated the open discussion, attended by faculty members, students of the School of Technology at ADBU, and online users via Google Meet.

### **Alumni Talk – Abhijit Boruah**

On February 7, 2023, the Department of Mechanical Engineering hosted an interaction session with alumnus Mr. Abhijit Boruah, Regional Maintenance Executive at ITC Limited, who graduated from the university in 2017. Dr. Buljit Buragohain, Head of the Department, introduced and felicitated Mr. Boruah, expressing gratitude for his participation. During the session, Mr. Boruah shared insights into various segments of ITC products, processes, job opportunities at ITC, and discussed the path to becoming a job creator. He provided detailed information about the stages of his interview process and eventual selection at ITC Limited. The hour-long session included an interactive Q&A segment with the audience. The coordination of the event was a joint effort led by Mr. Harajit Das and Mrs. Leena Nemade.

### **Seminar on "Openings in IT Industry & its Roadmap Towards Success"**

On February 20, 2023, the Department of Computer Applications organized a seminar on "Openings in IT Industry & its Roadmap Towards Success." The seminar aimed to highlight job opportunities in the IT industry, analyze job market trends, assess individual skills, gain insights into various IT sectors, and explore diverse career paths. Participants gained valuable insights for creating a roadmap to secure jobs in regional or international IT industries.



Dr. Uzzal Sharma, Head of the Department of Computer Applications, welcomed the attendees, emphasizing the seminar's significance and providing strategies for choosing the right career in the IT job market. Special guest Mr. Hitesh Kalita, Regional Project Manager at FUJITSU, a Japan-based multinational company, delivered a talk on the importance of attitude, skilling, upskilling, and reskilling for freshers in the IT industry. He also outlined a roadmap for working abroad and an action plan for each participant.

The open discussion and questions were coordinated by Dr. Gypsi Nandi and Dr. Abhijit Bora, while the entire program was hosted by Dr. Jonti Deuri. The seminar was attended by faculty members, students of the School of Technology, and online users via Google Meet. The session concluded with a vote of thanks from the chair.

### **A Talk on 'Geoinformatics and its Applications'**

On February 18, 2023, the Department of Civil Engineering hosted an invited talk on 'Geoinformatics and Applications' by Dr. Archana Nair, Associate Professor at the Department of



Civil Engineering, IIT Guwahati. Dr. Nair delved into the various aspects of geoinformatics, emphasizing the crucial role of 'geodesy' in studying Earth's surfaces—the geoid, ellipsoid, topographic surface, and mean sea level surface.

The presentation covered the World Geodetic System 1984 (WGS84) and explored remote sensing technologies, including aerial and satellite remote sensing. Critical parameters like spatial resolution, spectral signature, and atmospheric windows were discussed. Dr. Nair explained hyperspectral remote sensing and radiometric resolution, highlighting the technology's ability to distinguish between objects with different brightness levels. The talk also touched upon satellite navigation, emphasizing its role in accurate location and time determination.



Furthermore, Dr. Nair discussed Geographic Information System (GIS), detailing its components—spatial data, attribute data, and metadata. GIS applications in India, such as Bhukosh and Indiawris, were highlighted for their geological and groundwater management information, respectively.

In conclusion, Dr. Nair underscored the interdisciplinary significance of geoinformatics, showcasing its diverse applications in areas such as agriculture, urban planning, disaster management, and environmental monitoring.

## **NABSET 2023**

The School of Technology organized a two-day National Conference on "New Approaches of Basic Sciences towards Engineering and Technology - 2023" at the Azara campus on February 24-25, 2023. During the inaugural function, Fr. Joseph Nellanatt, Pro-Vice Chancellor, emphasized the need for basic research for national and human development. Prof. Yumnam Jayanta Singh and Er. Diganta Barman were Guests of Honour, while Prof. Narendra S. Choudhari, Vice Chancellor of Assam Science and Technology University, was the Chief Guest. Dr. Kaustubh Bhattacharyya, the conference convener, presented an overview, and Dr. Bamdeb Dey, the co-convener, proposed a vote of thanks.



The conference served as a platform for researchers, academicians, engineers, and industry professionals to share views, present findings, and engage in discussions on emerging trends in Basic Sciences for Engineering and Technology development. A total of 98 research papers were presented, along with two plenary talks and eight invited talks. The event revitalized interest in basic sciences, focusing on recent developments in science and technology. The Valedictory function on the second day marked the conference's conclusion, with Dr. Bamdeb Dey summarizing the event and expressing gratitude to all contributors for its success.



## Computer Science and Engineering Department- Invited Talk



On November 4, 2022, the Department of Computer Science and Engineering organized an invited talk by Dr. Konda Reddy Mopuri, Assistant Professor at the Mehta Family School of Data Science and Artificial Intelligence, Indian Institute of Technology Guwahati. The talk comprised two sessions, with the morning session focusing on Convolutional Neural Networks and the afternoon session on Recurrent Neural Networks.

During the first session, Dr. Mopuri delved into the history and basics of Neural Networks, demystifying topics such as gradient descent, backpropagation, and the role of kernels in the convolution operation. The afternoon session covered constituent layers, the functioning of recurrent neural networks, and touched on advanced concepts like normalization. Each session included lively interactions between the speaker and the audience. Approximately 90 participants, including B.Tech (CSE), M.Tech (CSE) students, and faculty from the Department of CSE, joined the talk, with a few M.Tech students from EEE also in attendance.

The program was coordinated by Mr. Alexy Bhowmick, Dr. Syed Sazzad Ahmed, and Dr. Rup Kumar Deka, Assistant Professors from the Department of Computer Science and Engineering, as part of a research promotion activity by the Research Cell.

## GIS Day: Hands-on Workshop on Practical Application of GIS

The Department of Civil Engineering in collaboration with Centre for Geoinformatics of the University, celebrated GIS Day on 16 November 2022 under the auspices of Environmental Systems Research Institute, Inc. (ESRI). This day a Hands-on Workshop on Practical Application of GIS was organised. The resource persons were Mr. Arup Kumar Das, Senior Manager; and Ms. Madhumita Borthakur, GIS Analyst from Geospatial Technology and Application Division, AARANYAK, a premier NGO working in the area of Geoinformatics particularly on projects related to environmental conservation across India and Southeast Asia. During the training program, the resource person Mr. Arup Kr. Das demonstrated the applications of GIS.



In accordance with the tradition of ESRI to award Higher Education Institutes involved in celebrating the International GIS Day, a 5-User License of ARCGIS, proprietary software of ESRI, was awarded to Prof. Manoranjan Kalita, Director, SOT, to promote on-campus application of GIS technology for teaching and research. The workshop was coordinated by Ms. Pori Das, Assistant Professor of the Department of Civil Engineering under the mentorship of Prof. Manoranjan Kalita, Director, SOT. 65 participants from the Department of Civil Engineering and Department of Computer Science were present.



## **CVE Invited Talk**

The Department of Civil Engineering organized an invited talk on 'Hydro meteorological Instruments and Radar-based Early Warning System' on 19th September, 2022. The talk was delivered by Dr. Sanjay O' Neill Shaw, Scientist-F, and Shri Sunit Das, Scientist-E, of Regional Meteorological Centre (RMC). Dr. Sanjay O' Neill Shaw elaborated on digital and analogue hydro meteorological instruments such as rain gauge, dry/wet bulb thermometer, pan evaporimeter, wind vane, dry/wet bulb hygrometer, and automatic weather station. Dr. Shaw also provided a brief overview on the technicalities of short, medium and longrainfall forecasts, cloud monitoring by the application of Radar technology.

Shri Sunit Das educated the participants regarding the various websites launched by RMC for accessing accurate forecasts on weather parameters in addition to real-time radar-based weather predictions. Mr. Das also encouraged the students to contribute information on unusual localized extreme weather phenomena via the Public Participation mobile application of RMC so that local weather events from remote mountainous areas of Northeast India which fail to be captured by the sparsely distributed automatic weather stations installed by RMC, Guwahati can also be included for a highly representative ~~comprehensive~~ forecast. The event was coordinated by Ms. Pori Das, Assistant Professor and Dr. Girija T.R., Head of the Department. The event was attended by the 5th and 7th Semester students of the Department as well as faculty members.

## **One-day Training on QGIS and Remote Sensing**

The Department of Civil Engineering organized a One-day Training on 'QGIS and Remote Sensing' on 22nd October, 2022. The resource person was Mr. Arup Kumar Das, Manager, Geo Spatial Technology & Application, Aaranyak (Assam) which is a premier NGO of North East India primarily working on Biodiversity/ Wildlife Conservation.

Mr. Das presented an interactive lecture wherein he illustrated the open-source software, Google Earth and QGIS. Participants had an introductory hands-on training of Google Earth and QGIS that can be effectively used by the academe as alternatives to expensive conventional software like ArcGIS and Erdas Imagine. The training was attended by the faculty, B.Tech and M.Tech students of the Department.



# School of Life Sciences

## Session on Stress Management

On April 23, 2022, a program on 'Stress Management' took place. The session commenced with a welcome note and a prayer song, followed by words of encouragement from the Director of Life Sciences, Dr. Prasanta Kumar Choudhury. Dr. Choudhury highlighted the significant stigma associated with mental health for an individual's optimal growth in both professional and personal spheres. The introductory talk on "Prana" was delivered by Shri Ram Dhakal of GMCKS Lightworkers, Guwahati. He discussed how the tested system of energy treatment serves as a medium to balance, harmonize, and transform the body's energy processes. The audience was introduced to various forms of spiritual healing aimed at focusing the mind on positivity and alleviating daily stress and problems. The total number of participants was 56. The speaker concluded the session by educating the audience about the "Twin Heart Meditation," a widely used tool for achieving Universal Consciousness. This tool is considered noble for raising vibrations towards a higher state of awareness and an expanded level of consciousness. The meditation involves the heart chakra (center of refined emotions) and the crown chakra (center of divine union). Participants responded positively to the practice session, mentioning that it helped stabilize disturbed energies and cleanse the mind. The Department of Bio-Sciences successfully organized the session under the supervision of Faculty advisors Dr. Nazneen Hussain and Dr. Vedant Vikram Borah of the Vita Scientia Club.



## National DNA Day



National DNA Day, observed on April 25, 2022, by the Research Journal Club of the Department of Biosciences, aimed to honor the completion of the Human Genome Project in 2003 and the discovery of the DNA double helix structure in 1953. The program commenced with a prayer song performed by MSc 2nd semester students, followed by words of encouragement from Dr.



Probin Phanjom, Head of the Department of Bio-Sciences. A documentary video was presented, and the day featured three events involving various departments. The first event was a Quiz competition organized by PhD research scholars from the Department of Bio-Sciences. It consisted of three rounds with a total of 10 teams from the School of Life-Sciences and Fundamental Sciences. Following this, a Science Model Display Competition took place, with six teams participating from the Departments of Botany, Zoology, and Bio-Sciences. Dr. Supriyo Sen and Dr. Vedant Vikram Borah evaluated the competition. The last event of the day was a Debate Competition judged by Dr. Maitrayee Dutta Swargiary and Dr. Probin Phanjom, addressing the topic "Cloning technology is a boon to the world." Students from the departments of Zoology, Botany, Bio-Sciences, and Physics participated in the debate. The entire event was coordinated by Dr. Jayanti Datta Roy and Dr. Nazneen Hussain, the Coordinator of the Research Journal Club.

### **Tobacco and Oral Health Hygiene**

An outreach programme on '**Tobacco and Oral Health Hygiene**' was organized by the

Department of Biosciences, Assam Don Bosco University in collaboration with North East Cancer Hospital and Research Institute on 10<sup>th</sup> June, 2022 in a nearby village of Gorighuli, Sonapur, Assam in Goriaghuli L.P. School. The team from North East Cancer Hospital and Research Institute include Senior Consultant, Dr. Abhishek Deura, a Biochemist, Dr. Imliwati Longkumer and a nurse Dipali Kalita. The team from the Department of



Biosciences, Assam Don Bosco University includes the students and the faculty members Dr. Probin Phanjom (HoD), Dr. Supriyo Sen, Dr. Jayanti Datta Roy, Dr. Maitrayee Dutta Swargiary and Dr. Nazneen Hussain. Dr Swargiary welcomed the team from North East Cancer Hospital and Research Institute and the community. Total numbers of 14 patients were examined from the community and as per the condition they were given respective prescription. Medical plants were distributed to the patients who came forward for the checkup and also to Sujata Dey, on behalf of the School management to set up medical garden in the campus.

### **The Art of Making Handmade Paper from Water Hyacinth**

In collaboration with the EcoClub of the University, the Department of Zoology organized a workshop on 'The Art of Making Handmade Paper from Water Hyacinth' on September 24, 2022, to promote the production and use of sustainable papers. Arpit Gameti, student coordinator of the EcoClub, welcomed the gathering, and the Resource Persons, Mr. Rupankar



Bhattacharjee and Mr. Aniket Dhar, were felicitated by Dr. Prasanta Kr Choudhury, Director of the School of Life Sciences. Mr. Bhattacharjee provided a brief introduction to Water Hyacinth, an invasive weed negatively impacting wetlands worldwide, including Assam's Deepor Beel. He shared how his team transforms this 'biological waste' into valuable products such as calendars,



notebooks, and cards. Mr. Dhar introduced the audience to their company's website, <https://www.kumbhikagaz.com/>, guiding them through its features. The speakers encouraged students to create their own chemical-free, eco-friendly products using traditional methods. The session included hands-on training on paper-making with water hyacinth, involving volunteers from faculty, staff, and students in crafting handmade paper sheets. The event concluded with a note of gratitude from Mrinmoyee Das, the student representative of the Department, and was attended by 114 participants.

### **Awareness Programme on Environmental Health Monitor 22 Oct 2022**

Environmental health monitoring involves using tools and techniques to observe and characterize an environment, determining its quality and establishing parameters to accurately measure the impact of activities on it. The collected results are then statistically analyzed and published in reports on risk assessment, environmental monitoring, and impact assessment.

The primary objective of environmental monitoring is to manage and minimize the environmental impact of organizational activities. As part of their service learning coursework, the Department of Bioscience's third-semester students initiated an awareness program within the local community. This program aimed to promote a basic understanding of environmental health issues prevalent in today's era and encourage the use of sustainable products. The team conducted activities such as a street awareness rally with prepared placards and engaged in survey studies using questionnaires created by team members.

### **Industrial Visit: Cell Culture Lab, College of Veterinary Science, Assam**

To encourage the final year students to develop observation, technical and conceptual skills and expertise in animal cell culture, the Department of Zoology organized a day-long visit to Cell Culture Lab, College of Veterinary Science, Assam on 3 November 2022. A total of 38 students accompanied by Dr. Madhurima Das, Dr. Yungkham Rajeevkumar Singh, Dr. Lima Hazarika and Mr. Dadul Kalita went for the visit.



The programme began with a brief introduction on the Department and its on-going activities by Dr. Probohd Borah. This was followed by an introductory session on cell culture terms, equipment and techniques given by Dr. Dipak Deka. Dr. Deka also assisted the students to the Cell Culture Lab where he and his team demonstrated the preparation and observation of the culture of Chinese Hamster Ovary Cells. The team also shared the correct techniques and equipment used to successfully observe the cells.

The students also visited the Molecular Biotechnology Lab where they observed instruments which included the PCR Thermo-cycler, Spectrophotometer, Centrifuge, 2D-Gel Electrophoresis,



Real Time-PCR, Gel Doc System, Shaking Incubator, Lyophilizer, and Fast Protein Liquid Chromatography (FPLC).

### **Name Plating Trees at Tapesia Campus**



The Department of Botany organized a programme on ‘Name plating of trees in Tapesia Campus, Assam Don Bosco University-Phase 1’ on 18<sup>th</sup> January, 2023.

The programme started with Fr (Dr) Stephen Mavelly, Vice Chancellor of the University, and Dr. Prasanta Kumar Choudhury, Director-School of Life Sciences putting up a name plate for one of the trees on the campus fondly christened ‘The Speaking Tree’.

Students of both UG and PG along with the faculty members of the Department then continued putting up name plates on the trees for the whole afternoon. A total of 65 trees (scientifically identified and validated) were tagged in this first phase. The Vice Chancellor interacted with the students and faculty members, appreciating the initiative and encouraged them to put up such name plates on as many trees as possible in the second phase.

### **Cancer Awareness Day- 4th February, 2023**

The 4th of February is observed as Cancer Awareness Day worldwide. To mark this day, the Department of Biosciences organised a scientific talk on the topic “Understanding Cancer-Molecular Perspectives, detection and treatment” delivered on 4<sup>th</sup> of February, 2023 by Dr Rizwana Sultana, Scientist C, Fakhruddin Ali Ahmed Medical College, Barpeta, Assam, an eminent expert and researcher in the field of Cancer Biology.



Dr Prasanta Kumar Choudhury, Director, School of Life Science felicitated the resource person and the resource person was introduced to the audience by Dr. Probin Phanjom, Head, Department of the Biosciences. The scientific talk was divided into two sections- Molecular basis of Cancer and Cancer Management. Dr Sultana explained the various types of Cancer, its possible causative factors, treatment, as well as the preventive steps related with food habits and life style. The talk was focused to create a general understanding of Cancer Biology to the student community. The programme was attended by faculty and students from Biosciences, Botany and Zoology background. The total number of participants was 75. This was followed by a Cancer Awareness Campaign by the students of M.Sc Biosciences within the University Campus by means of scientific posters and placards.



## Workshop on Taxidermy



A workshop on Taxidermy was conducted by the Department of Zoology on 14<sup>th</sup> February 2023 with Prof. Saibal Sengupta, Professor, Dept. of Zoology, Assam Don Bosco University and Dr Jayanta Gogoi, Assistant Professor, Department of Zoology, Arya Vidyapeeth College, Guwahati as the resource persons.

The first session commenced with an insightful talk by Prof. Saibal Sengupta on

the “Concept of Taxonomy” that familiarised the participants with some of the common terminologies such as classification, systematics and nomenclature, its uses and importance and the usage of the term – Taxonomy and Systematics with regard to biological classification.

The talk was followed by a presentation on “Importance and Procedure of Taxidermy” by Dr Jayanta Gogoi who explained the journey of specimen preservation and the art of preserving an animal’s body through mounting or stuffing. After an hour lunch break, the second session started at 1pm which was mainly practical and training by Dr. Jayanta Gogoi. In the training, Dr. Gogoi demonstrated the preservation process and the scientific practice of mounting and stuffing a specimen. The hands-on Taxidermy of Fish was carried out on a Carp species at Block 4 Lab. The workshop was attended by students from Master of Science with active participation and interaction. The skill required in this preservation process was rather artistry than a mere preservation process.

The students actively engaged in both the first and the second session and it was a great learning experience.

## Campus Bird Count 6.0

On the occasion of the ‘Great Backyard Bird Count’, eBird’s International Event, ‘Campus Bird Count’, India’s Sub-event, the Department of Zoology in collaboration with EcoClub organized a Campus Bird Count 6.0 on 17<sup>th</sup> February, 2023 at Tapesia Campus.



The event started at 6:30 am and was conducted under the expertise of Dr. Nilutpal Mahanta, State Associate, Trees outside Forest of India Program, CIFOR-ICRAF who has been closely associated with the University’s bird count event and updating checklists at the eBird portal for the University since 2018. Dr. Mahanta was

accompanied by two other bird researchers Ms. Taniya Talwar and Ms. Sakshi Pathak from Seven Waves Organization.



A total of 60 students and three faculty members participated in the event. 35 species of birds including Slender-billed Oriole, Ashy Woodswallow, Hair-crested Drongo, Yellow-bellied Warbler, Greater Cuckoo, Oriental Turtle Dove and Asian Fairy-bluebird were observed during the event adding to its already documented count of 89 checklists available at the eBird portal for the University.

## International Seminar on Climate Change

The Department of Zoology at Assam Don Bosco University, in collaboration with the Zoological Society of Assam (ZSA), organized a two-day International Seminar on Climate Change: Impact and Resilience on February 27th and 28th, 2023, as part of the department's Five-year celebration. The seminar aimed to assess current environmental conditions, foster discussions, research, and the exchange of experiences, promote good practices, and encourage the effective integration of Climate Change education into academic curricula.



The seminar was inaugurated by Rev. Fr. (Dr.) Stephen Mavelly, the Hon'ble Vice Chancellor of Assam Don Bosco University. The inaugural session featured guest speakers, including Professor Proboodh Borah, Professor Jogen Chandra Kalita, and Dr. Jaideep Baruah. Ten keynote addresses were delivered by experts from India and abroad, with three special talks by Dr. Pranay Phukan, Mr. Rituraj Dewan, and Dr. Jayaditya Purkayastha. The event comprised six technical sessions for offline presentations and two for online presentations, each presided over by distinguished chairpersons. The Prof. Maitreyee Das Memorial Award was presented to six Best Oral Presenters, along with awards for Best Presenters under the Poster Presentation and Best Online Presentation categories. The convener, Professor Saibal Sengupta, highlighted key recommendations, including the exploration of local and regional climate change solutions, documentation of vulnerable species and data deficient species, promotion of traditional and environment-friendly practices, identification of Climate Refugees, and continued support for studies on climate change impact on ecophysiology and human environment. A total of 187 participants registered, with 127 presenting their research work. The seminar was sponsored by various organizations, including ASTEC, SBI, Oil India Limited, ICSSR-NER, NRL, DS Enterprise, Mergen Biologics, Assam Pollution Control Board, Assam Climate Change Management Society, Himedia, Purbanchal Scientific Company, Teksol Corporation, IKEA, ZSA, and North East Chemicals

## Vulture Safe Zone Programme

The Bombay Natural History Society (BNHS) in association with the Department of Zoology Assam Don Bosco University organized an awareness program on vulture conservation and its importance on the 18 March 2023.



The Resource person for the event was Dr. Sachin Ranade. After being introduced by Dr. Lima Hazarika and felicitated by Dr. Prasanta Kumar Choudhury, Director, School of Life Sciences, Dr. Ranade began his talk where he first introduced his work on conservation of Gyps Vultures through establishing vulture safe zones in different parts of India, where vulture populations are closely monitored and programmes are undertaken to ensure that domestic livestock carcasses are not contaminated with drugs toxic to vultures. He apprised the audience that Assam is a domicile of 7 out of 9 species of vultures found in India. Later, the students were introduced to work – “Colony Aviary”; how they have been vigorously working to retrieve the vulture population back to the normal. He cited the example of Slender billed vulture – the first captive bred vulture of Assam. Dr. Ranade also made the audience inculcate the importance of vultures in the environment, and how in its absence India has turned into the kingdom of rabies (due to increasing number of dogs).



At the end of the talk, there was an active interaction session with the students, through discussions and quiz. The students were encouraged with the stimulating session and the winners of the open quiz were presented with a token of appreciation. After the successful presentation, Dr. Bakhtiar Hussain delivered a few words of appreciation and consummated the event by a vote of thanks.

### World Frog Day 2023

On 'World Frog Day 2023, the Department of Zoology in collaboration with EcoClub, Don Bosco University organized a lecture on 20<sup>th</sup> March 2023 at the Auditorium of Academic Block I. The speakers for the event were Mr. Saranga Pani Saikia and Mr. Hijam Malem Nganba Singha, Research Scholars, Department of Zoology, Assam Don Bosco University. Mr. Saranga Pani Saikia who is also an alumnus of the Department spoke about the diversity of Anuran from the campus. He mentioned that Amphibians are good environmental indicators. Out of 11 species he enlisted, *Duttaphrynus melanostictus* was found to be the most dominant species among them. The second speaker was Mr. Hijam Malem Nganba Singha who emphasized his talk on amphibians of agricultural fields of Karbi Anglong (East) District of Assam. He decoded how certain species of frogs help the farmers by reducing the dependence on pesticides and an ecological balance between 'rice-frog-pests' can be achieved without the usage of pesticides. Mr. Singha concluded his talk by mentioning that even after these beneficial factors, there is lack of awareness among the farmers.



After this awakening documentation, a faculty member and one of the renowned herpetologists of Assam, Professor Saibal Sengupta addressed the audience and aroused their curiosity with



new prospects. He spoke on the sufferings of frogs because of rising anthropological activities. He heralded that a small aquatic system is suffice for the frogs to breed, and forewarned the participants about the importance of keeping aquatic systems clean and healthy. After this didactic demonstration, Dr. Prasanta Kr. Choudhury, Director School of Life Sciences spoke about the glory of India in being the biggest exporter of frogs till 1985 until a ban was imposed on the export in 1987 and expressed his gratitude to the speakers and participants. The entire session was an eye opener on the important roles played by frogs in the ecological balance and the need to conserve them. Mr. Chandan Das concluded the event with a vote of thanks. The event was attended by 104 participants.

## National Pharmacy Week 2022

The Institution of Pharmacy celebrated National Pharmacy Week 2022 as per a guide by Indian Pharmaceutical Association where a drawing competition was organized on 26th November 2022.

Drawing Competition was organized with an aim to motivate and develop young student artists' creative skills by exposing them to modern brilliance in the pharmacy field. Students got an opportunity to analyse and assess their ideas and drawings in comparison with their classmates by examining their peers' work. The competition was coordinated by Mr. Innocent Sutnga, Asst. Professor in the Institution of Pharmacy.



# School of Humanities and Social Sciences

## Workshop on Cyber Security

A two-day workshop on Cyber Security was organized by the Department of Mass Communication on 1-2 April 2022 in collaboration with DataSpace Security Pvt Ltd.

In this workshop, the speakers - Mr. Samiran Santra, CEO & Co-Founder and Mr. Sashi Ranjan Jha, Senior Cyber Security Analyst, DataSpace Security Pvt Ltd stressed on the importance of having a sound knowledge and understanding of cyber security, malware and cyber-attack. They also



advised the participants to do fact checking in social networks before believing and sharing information. The workshop, coordinated by Asst. Prof Emanuel L Hmar was attended by students from various departments and also from some colleges in Guwahati.

## International Conference on Literature, Environment & Climate Change

The Department of English collaborated with the Department of English and Public Relations, RGNUL, Punjab; Shastri Indo-Canadian Institute, New Delhi; Punjab and Pollution Control Board, Patiala in organizing International Interdisciplinary Conference on 'Literature, Environment and Climate Change' on 7-8 April 2022.

Prof. (Dr.) Adarsh Pal Vig, Chairman Punjab Pollution Control Board, was the chief guest for the inaugural session. Dr. Prachi Kaul Director, Shastri Indo-Canadian Institute was the guest of honour whereas Fr. Joseph Nellanatt, Pro-Vice Chancellor, Assam Don Bosco University was the special guest of the event. Prof. Dr. Richard Pickard, Department of English, University of Victoria, Canada delivered the keynote address. Prof. G.S. Bajpai, Rajiv Gandhi National Law University, Patiala focused on the emerging discourse of environmental justice in the present times while addressing the audience. Dr. Adarsh Pal Vig, Chairman PPCB, delved into the factors responsible for environmental degradation. He emphasized that individual responsibility has a great role to play in improving the damaged ecosystem. Dr. Prachi Kaul spoke about the importance of pollution free environment for good health. Fr. Joseph Nellanatt talked about the role of literature in raising eco-consciousness. Prof. Dipendu Das, Dean, Assam University, Silchar, Prof. Nibir Ghosh UGC Emeritus Professor, Prof. Eugene O'Brien, Head, Department of English Language and Literature, the Mary Immaculate Institute of Irish Studies, Ireland, Prof. Sanjukta Dasgupta, Convenor, Advisory Board, Sahitya Akademi, New Delhi, spoke about several environmental issues in their plenary talks. Prof. Desmond L Kharmawphlang, Cultural and Creative Studies Department, North-Eastern Hill University, Shillong, Prof. Anshuman Kar, De-



## World Social Work Day

Every year, the third Tuesday of March is celebrated as World Social Work Day. This year it was on 21 March 2023, and the theme was 'Respecting Diversity through Joint Social Action'. To observe the day, the Department of Social Work organized a panel discussion on the same theme in Room No 215, Academic Block II, Assam Don Bosco University.

The programme witnessed the presence of Rev. Fr. (Dr.) Jose Palely, honourable Pro Vice-Chancellor, Assam Don Bosco University during the introductory session. Fr. (Dr.) Jose Palely in his message highlighted how to promote the peaceful co-existence of different cultures, ethnic, religions, gender, communities etc in our society.

The panel discussion started with a presentation by Prof. Lukose P J, Department of Social Work, Assam Don Bosco University on the main theme i.e. 'Respecting Diversity through Joint Social Action'. Later, Mr. Ramesh Sharma, Head, Department of English gave a presentation on 'Aesthetic reception of Diversity' followed by 'Governmental initiatives for Inclusive Social Transformation' by Dr. Saurabh Chandra, Senior



Assistant Professor, Department of Public Administration, and 'Role of Mass Media in promoting diversity and address the Challenges' by Dr. Alpana Choudhury, Head, Department of Mass Communication. After all the presentations, a panel discussion was held with Dr. Subhrangshu Dhar, Head, Department of Social Work as the Moderator.

## World Water Day

The Department of Economics observed "World Water Day" on 22<sup>nd</sup> March 2023 by conducting a special assembly at Academic Block II with a theme "Accelerating change to address the water and sanitation crisis".

The theme highlighted the importance of taking more aggressive actions to alleviate the global



water issue and meet international commitments on water-related sustainable development goals. Students of the department created banners emphasizing on economical utilization of water. During this event, a short documentary on the importance of conservation of water was also shown with an aim to create awareness among the University community.



## Educational Tour – Department of Education

The Department of Education organized an Educational Tour from February 7th to February 15th, 2023, for BA-6th semester and MA-4th semester students, led by Dr. Tania Sur Roy and Dr. Ranjita Chanda. The tour included visits to educational institutions such as Jamia Milia Islamia, Jawaharlal Nehru University (JNU), Amity University in Noida, and University18 Head Office in Gurgaon. At Jamia Milia Islamia, students attended interactive sessions at the Department of Teacher Training and Non-Formal Education. They also visited various non-formal centers, exploring activities like Art & Craft, Tie and Dye, Needlework, Puppetry, Carpentry, and Origami.



JNU hosted an enlightening session on Educational Research and Prospects by Prof. Minata Panda. The team explored the JNU campus, including the Central Library, and engaged in a student-faculty interaction coordinated by Prof. Saumen Chattopadhyay, Prof. Parimala Rao, and Dr. Pradip Kumar Choudhury.

Amity Institute of Education, Noida, organized the event "Maitri Bhawana - Vividhta Mein Ekta" in collaboration with Assam Don Bosco University, emphasizing cultural and educational exchange. The students met Prof. Balvinder Shukla, Hon'ble Vice Chancellor, Amity University, and participated in various activities.

The tour concluded with a visit to University18, Head Office, Gurgaon, where the ADBU team engaged in a presentation and interactive session. The students expressed keen interest in discussing the Evolute app, used during online exams in the Covid pandemic.

In addition to institutional visits, the students enjoyed sightseeing in Delhi, visiting landmarks such as India Gate, Rashtrapati Bhavan, and Red Fort. In Amritsar, Punjab, they explored the Golden Temple and the India-Pakistan Border at Attari. The institutions warmly welcomed the ADBU team, providing excellent hospitality, assistance, and fostering mutual collaboration, creating lasting memories for the participants.

## Lecture On 'Child Rights and Child Protection: International Perspective'

On 13 March 2023, the Department of Social Work organized a lecture on '**Child Rights and Child Protection: International Perspective**' with an aim to highlight the relevance of international framework on child rights in the context of India and Germany. Prof. Ursula Fasselt from Frankfurt University of Applied Sciences was the resource person.

Prof. Fasselt shared current status of Child



Protection and Violation of Child Rights in Germany and Child Protection Module which was designed by Frankfurt University of Applied Sciences. This was followed by a discussion on Child Protection and various ways in which Child Rights can be violated in the Indian context. The programme was attended by Second Semester students of Masters in Social Work.

### **Femme De L'art**

Literary Club, Department of English, School of Humanities and Social Sciences organized 'Femme De L'art' – an event comprising of art, sketching, and painting competition depicting the different facets of feminism through art as a part of International Women's Day celebration on 10<sup>th</sup> March 2023. A total of 16 people from the Department of English took part in the competition.



The competition was followed by various other events – Book Exchange Programme, Art Exhibition and Graffiti (exchange of thoughts on the eve of Women's Day) where over 320 students participated in these events.

### **Alumnus Talk – Education**

The Department of Education organized an Alumnus Talk on 4<sup>th</sup> March 2023 where Mr. Sujeet Basumatary (2019-21 Batch), Asst. Professor, Don Bosco College, Bongaigaon gave a talk on 'NET: Gateway to New Opportunities'.

The objective of the meet was to orient students about NTA NET, its eligibility criteria and how to crack Lectureship and Junior Research Fellowship (JRF) in order to enter in the teaching profession and research.

The session started with a welcome address by Dr. Tania Sur Roy, Head of the Department followed by felicitation of the alumnus. Mr Sujeet Basumatary started the session by elaborating the meaning of NET and JRF, the minimum marks to be obtained according to the different caste and shared his experiences on how he cleared NET examination. He also gave detailed information regarding different career options. The session was informative and interesting and students enjoyed the session and learned many things from the lecture.



During the session, students raised multiple questions and clarified their doubts on NTA NET. The session was hosted by Shirantha Perara (MA Education, 4<sup>th</sup> Semester) and was attended by the faculty members of the Department as well. The session ended with a vote of thanks offered by Kr. Soching (MA Education, 4<sup>th</sup> Semester). A letter of appreciation was given to Mr. Basumatary by Dr. Tania Sur Roy, HoD. The programme was co-ordinated by the Alumni Co-ordinator Ms. Ritu Sarkar, Assistant Professor, Department of Education.



## Orientation on Volunteerism

The Department of Education in collaboration with the Department of Public Administration, organised a session on 'Orientation on Volunteerism' in association with University College Dublin Volunteers Overseas (UCDVO), Dublin, Ireland on 23<sup>rd</sup> February 2023 at Tapesia Campus.



The key speakers were Dr. Hilary Minch, Manager, UCDVO and Rachel Cosgrove, Team Leader and Secretary, UCDVO Board of Trustees. The objective of the orientation was to acquaint the students to UCDVO volunteerism, its prospects, and opportunities for an engaged global citizenship education, addressing issues related to sustainable development goals through responsible and participatory community engagement thereby promoting global consciousness.

Dr. Minch outlined the program's schedule and asked a few questions to ascertain the students' fundamental understanding of volunteering and also shared the vision and mission of UCDVO. The vision is to transform learning and turn learners/volunteers into responsible citizens through training. The mission is to work towards a fair and sustainable world. A video which was done in 4 weeks across villages in India along with an introduction video of UCDVO was projected. A quiz was held during the session using Mentimeter and students participated actively. She discussed about their work in the past which includes – refurbishing 27 Anganwadis, training of 50 Anganwadi workers and helpers with students from UCDVO and ADBU.

Ms Cosgrove highlighted her experience of volunteering, meeting people from different cultures. Ms Hazel Wahlang, Field Coordinator, St. Edmund's College conducted an interactive session and shared her experiences of working in the community as a student as well as a Team Leader in the past while being a student at ADBU. She showcased Community Engagement initiatives carried out in 22 villages including renovation of 27 anganwadi centres, preparation of grassroots comics, repairing water sources, establishing an e-Learning centre for the students of the villages, setting up 15 computers in 2018 in the ADBU campus. So far, 56 students accessed the facility.

A total of 51 students with the faculty members from both the Departments attended the programme. The programme was coordinated by Ms Alinisha Boro, Service Learning Coordinator, ADBU and Dr. Ranjita Chanda, Assistant Professor, Department of Education.

## Street Play on Importance of Cleanliness



The students of MSW Second Semester performed a street play with a theme 'Importance on Cleanliness' at Topatoli market on 22 February 2023.

The street play was performed as a part of an ongoing rural camp organized by the Department of Social Work in collaboration with SRF Foundation. Based on the findings from the



Participatory Rural Appraisal, the students selected the said theme so as to create awareness on cleanliness and hygienic living among the local people. The play attracted a good number of people who enjoyed the play and appreciated the initiative of the students.

## Drama Workshop

The Drama and Theatre Club of the University organized a workshop on the Art of Drama on 20<sup>th</sup> February 2023 in the Auditorium of Academic Block-V.

The invited resource person for the workshop was Dr. Naren Patgiri, a renowned drama and theatre artist of Assam. He is a retired faculty member of the Department of History, Guwahati College, Assam. Dr. Patgiri has many distinguished recognitions in the field of Drama and Theatre Art. He has directed many plays and theatres with children as well as adults.



Dr. Patgiri, while addressing the participants, emphasised on the depth of acting and theatre as a profession. He shared many detailed intricacies of stage play, stage management, division of the stage, punctuality and time-bound performances, honesty of the actors and dialogue delivery. He also discussed the importance of set design, costume design, characters, plot, and symbols. Dr. Patgiri also explained about the layers hidden in dialogues of the characters. The workshop ended with different activities with the participants that included trust-building activity, memory-enhancement activity, prompt reaction and team work activities.

## World Radio Day



The Department of Mass Communication organized a celebration of World Radio Day on February 13, 2023 at Tapesia Campus with a theme “Radio & Peace”. Mr. Kuldeep Soren, RJ, Red FM 93.5 was present as a Chief Guest to grace the event.

RJ Kuldeep Soren, while addressing the students emphasized the importance of radio as a means of communication and how it has the power to reach out to people from all walks of life. He also shared his experiences and the challenges faced by radio broadcasters in today’s world and how technology has changed the way radio is perceived and consumed. RJ Kuldeep congratulated the students for conducting such a significant event and insisted to take the profession of a media person sincerely as each one of them can be the ambassadors of spreading peace and brotherhood among their countrymen.



Keeping in mind the theme of World Radio Day 2023 students gave a presentation which focused on the significance of radio as one of the most powerful medium of communication and how it can be used as a tool to convey messages of peace among the people of the world. A podcast made by the students in commemoration of this day was very much appreciated by the Chief Guest.

### Lecture by Founder of Peace CYCLE

On 2<sup>nd</sup> February 2023, the Department of Social Work organised a lecture on the topic “Locating the Self in the Journey of Social Work Practice: Experiences of Haiti,” by Ms Amber Rose Heimann, a social worker by profession and passion, and, the founder of Peace CYCLE, an organisation based in Haiti.

Ms Rose Heimann shared her journey as a social worker in Haiti- the challenges she faced, the people she met, the perceptions she encountered and the mechanisms she adopted for the common good of the people of Haiti. As a founder of Peace CYCLE, she started a workshop and taught women a method of making bags from waste plastics and provided an avenue for livelihood for the disaster-hit people of Haiti. Her presentation triggered curiosity in the minds of budding Social Workers, which was reflected through their involvements during the discussion session. The session was a fruitful and meaningful one.



### Poster Making Competition



The EconLog Club of the Department of Economics, Assam Don Bosco University, Tapesia campus organized an Intra-Departmental Poster Making Competition on the theme “Initiative done by Women Post- Independence” as a part of Republic Day 2023 celebration on 24<sup>th</sup> January 2023. There were 10 groups of participants with each group of four members.

### Career Counselling Programme: Civil Services & Banking

The Department of English conducted a Career Counselling Programme: Civil Services and Banking, in partnership with SMP IAS Academy, Guwahati, aided by Majestic Academy on 24 January 2023, as a part of its Three Year Academic Strategic Plans.

The focus of the counselling was on the inter-departmental final year students to help them choose alternative careers immediately after their graduation.



Mr. Kumar Prashant Sinha, Senior Faculty of Quantitative Aptitude & Logical Reasoning in Majestic Academy, Guwahati, Mr. Mrinmoy Baruah, faculty of SPM IAS Academy & Majestic Academy and Mr. Abhisekh Sahu, from the management of Majestic Academy were the resource persons.

The counselling was substantiated with extensive presentation on different possible career openings that any graduate can choose followed by a healthy interactive session on the same matter. 133 students from the final year, Department of English, and 50 students from other departments participated in the event.

## Data Dialogue – Guwahati



The Google News Initiative in partnership with DataLEADS and the Department of Mass Communication, Assam Don Bosco University organized a day-long training data journalism workshop on 18 January 2023 at the School of Management Campus, Kharguli.

The workshop aimed at increasing media and data literacy in newsrooms, educational institutions and help journalists with tools and techniques of data collection, verification and visualization.

The workshop aimed at increasing media and data literacy in newsrooms, educational

The workshop was a part of a series of training being conducted in 20 cities across India. In this full-day workshop held in Guwahati, participants received hands-on training on important data tools and approaches of Data Journalism. The sessions were conducted by Anoushka Dalmia, Data Journalism Trainer, DataLEADS. Mr. Ashis Arora, Director, and Ms. Jyoti Singh Rathore, Deputy Programme Manager, both from DataLEADS also participated in the day-long workshop.

A total of 125 journalists, media educators, data visualisers, researchers, and students from across Northeast India participated in the programme.

## National Youth Day – 2023

### *The broadcasting of ADBU Podcast on National Youth Day 2023*

To commemorate the birth anniversary of Swami Vivekananda, the Students Affairs, Assam Don Bosco University celebrated the **National Youth Day** on 12 January, 2023 at the university premises with day-long events.

As a part of this celebration, the first ever **ADBU Podcast** was launched during the inaugural ceremony of the programme by the Director, School of Fundamental and Applied Sciences, Dr Monmoyuri Baruah. Dr. Baruah, while addressing the students appreciated the efforts of the



students for launching ADBU Podcast where the students will get a platform to express and share their ideas and views with others. The Editorial Board of the Podcast was led by Shakil Imtiaz, a student of BSc Physics 6<sup>th</sup> Semester.

Keeping in mind the theme of the National Youth Day 2023, "**Viksit Yuva-Viksit Bharat**" an Essay Writing and Crafting Competitions were also held where students used recycled items to showcase their creativity with an aim to encourage others to develop the mindset for environment protection.

## **International Summer School 2022**

The International Summer School on "Minority Stories and Media: Theory to Practice" commenced on October 11, 2022, at Don Bosco University's Tapesia Campus. Participants included students and professors from Frankfurt University of Applied Sciences and Don Bosco University. The event featured lectures, activities, and screenings aimed at exploring minority experiences.

The first session, led by Mr. Rituraj Phukan, addressed the challenges faced by minorities, emphasizing the impact of climate change on their circumstances. An evening screening of the movie "Gangubai" highlighted the representation of minorities in the Indian context, focusing on the life of a sex worker and the challenges faced by women in prostitution.

Subsequent lectures covered topics such as internally displaced persons and refugees, societal perceptions of blind people, disability and media, and racism. Presentations on LGBTQ issues as a minority and minorities in Russia followed, offering diverse perspectives on these subjects.



The fourth day featured a workshop on Grassroot Comics and Puppetry by Mr. Kaushik Bhuyan from the Department of Mass Communication at Don Bosco University. The Summer School concluded with a visit to Shillong and feedback sessions. Miriam Ulfik from Frankfurt University expressed a positive experience, describing it as a once-in-a-lifetime opportunity, appreciating the welcoming atmosphere, cultural exchange, and the chance to form lasting friendships.

## **Lecture by Dr. Pamir Gogoi**

The Department of English in collaboration with the Central Library, Assam Don Bosco University organized a career related interactive programme with Dr. Pamir Gogoi on 4 November, 2022. The programme aimed to open alternative possibilities for graduates in English subject besides being a teacher.

Dr. Pamir, an English graduate, Linguistics post-graduate and doctorate from United States, who had successfully made a career in Microsoft deliberated on means and possibilities for higher



education in the US and spoke on options to get into Microsoft like companies which are also open to any graduate. The deliberation was flavoured by in-teractive sessions in between which further ignited the inquisitiveness in the students. It was attended by 172 students.

## Spelling Bee Competition

A Spelling Bee Competition was organized by the Literary Club, a co-curricular club of the Department of English on 11 November, 2022.

Ms. Mebari Vanessa R. Dorphan, Assistant Professor, Department of Zoology and Mr. Gautam Gogoi, Librarian of Assam Don Bosco University, Telesia were invited to judge the competition. The competition



had four rounds: Preliminary, Puzzle, Group activity and Rapid. In the Preliminary round, 20 words were dictated and participants were asked to write them within 8 minutes. In the Puzzle round, 5 words were given and the participants had to write as many words from the given word within 15 minutes. The third round was Group activity, wherein the participants were divided in pairs and asked to fill in the blanks to the 7 words provided to them in a sheet; 5 minutes were allotted for the completion of the same. In the final Rapid round, five top scorers were introduced to a range of words and asked to spell those words within a minute. A total of 30 students participated in the competition.

## Mental Health Week Celebration 2022



The Department of Psychology observed World Mental Healthweek from 10 – 17 October 2022 by organizing a series of mental health related activities. The theme for this year was “Making mental health and wellbeing for all a global priority”. A series of activities were organized for a week aimed at raising awareness mental health and to facilitate open discussions among the students.

On World Mental Health Day (10th October), a fund-raising event was conducted where beautiful handcrafted flowers, flower pots, pen stands, greeting cards and wall hangings, particularly using ropes, wool and waste materials made by students of Society for Health and Education Development (SHED) were sold. Faculty from SHED had been invited for this purpose and a decent amount of fund was raised as the event witnessed a good participation from students and faculty of the University.

The Departmental Wall Magazine was also decorated in commemoration of the week and the theme was ‘beehive’ with keeping in mind its relevance in human relations. The contents included PERMA Model, 4-7-8 Breathing, 30 Day Self Care Challenge, Grounding Technique, Happy Hormones, and 3 Ps of Optimism.



The weeklong observation of Mental Health also included creation of Mood Board, Mind Jar and Fortune Cookies, Postal Letter and Flash Mob Dance.

## National Photography Competition

The Department of Mass Communication, Assam Don Bosco University has organised a National Photography Competition to mark the Teachers Day on September, 5th 2022 in online mode. The theme of the competition was, 'Spectrum of Knowledge'. More than 150 students from all over the country have participated in the competition. A cash prize of Rs 7500 was awarded to the winners of the event.



In continuation to this, the Department also organised a photography Exhibition "Oasis of Visuals" on September 16 at Academic Block 2. The purpose of the event was to showcase the photography skills of the students of the Department and the importance of a good photograph. The exhibition was inaugurated by the Pro Vice Chancellor of the university Dr (Fr.) Jose Palely in the presence of the Head of the Department, the faculty members and the students of the university.

Later the day Hon'ble Vice Chancellor, Fr. Stephen Mavelly also visited the exhibition along with the Directors of Schools and appreciated the hard work and efforts of the students. He asked the students to organise similar activities frequently and to give basic ideas of photography to the students of other departments to enhance the imagination and creativity among the youth.

## Screen Writing Workshop

On 29th October 2022, a one day workshop on 'Screen Writing for Film' was organised by the Department of Mass Communication. The workshop's main objective was to make both the undergraduate and postgraduate final year students of the Department to be well versed with the important elements of writing a script and the steps to formulate one. Mr. Jayanti Bordoloi, a distinguished director and screenwriter from the Marathi Film Industry was the resource person for the workshop.



Students were divided into smaller groups and asked to develop their own plot lines along with the detailed characterization of their protagonist and other important characters. Mr. Bordoloi gave a comprehensive understanding on the significance of a 3 Act Structure in a story which ultimately helps in developing an interesting script.

Being an expert in the field of film making and script writing, Mr. Bordoloi gave some practical



insights on the concept of plagiarism, copyright and how to save one's work from getting plagiarized. He also suggested some mobile applications which would help students to develop scripts for their own films.

## **Workshop on Challenges and Opportunities for Working Journalist in NE**

On 22nd October 2022, a lecture session on "Challenges & Opportunities of the Working Journalists in Northeast" was organised by the Department of Mass Communication with an objective to make both the undergraduate and postgraduate final year students of the Department Mass Communication to be well informed about the challenges that are being faced in the field of Journalism. Mr. Trideep Lahkar, the chief correspondent at Press Trust of India was the resource person for the day.

Being an expert in the field of Journalism, Mr. Lahkar gave some practical insights on the challenges faced by Journalists on the field like financial issues, political, societal, ethical, and risks journalists face during reporting. He also spoke on how fake news threatens the society. He also discussed about Journalists who have been physically attacked in Northeast region and also gave an insight into human rights and how it is related to Journalism.

## **World Cocktails Day 2022**



A workshop titled 'Master Class – World Cocktail's Day' was organized by the Department of Hospitality and Hotel Administration at Hotel Vivanta, Guwahati on World Cocktail's Day, 13 May 2022. The objectives included, awareness of "Cocktail Day" celebration, working environment of a premium standard bar of a hospitality outlet, learn tools and technique used in a bar for the execution of the cocktails and prepare and garnish a standard quality cocktail.

The students arrived at Hotel Vivanta's Bar 'Octave' around 3:00 p.m. where they were greeted by the F&B manager on duty, Mr. Prateek and proceeded to the bar counter where Mr. Akash demonstrated one cocktail Bloody Mary and one Mocktail Mojito followed by Mr. Gaurav's insights. At the end of the visit, students had an opportunity to interact with the manager about the hotel's operational management and how it measures its environmental impact. Overall, it was an excellent experience for all and a fun way to learn about some basics of cocktails and mocktails. The programme was coordinated by Mr. Souvik Sarkar, Asst. Professor, Department of Hospitality and Hotel Administration.



## Pour'N' Plate - "Activated Charcoal"

A workshop was organized on 23 September 2022, to create awareness among the students of the hospitality department along with other students of various disciplines of Assam Don Bosco University along with senior authorities and faculty members about the new trends and techniques of the hospitality world. The workshop was based on a live demonstration of gastronomic & cocktail preparations where Activated charcoal was paired with the foods and drinks.

## International Chef Day- Growing a Healthy Future

On **Friday, October 20, 2022**, "International Chef Day" was celebrated by the Department of Hospitality & Hotel Administration in Assam Don Bosco University. It was emphasised, in the celebration how the Chefs across the globe support the creation of a healthy future of our society and support and initiative they are executing to develop a sustainable technique of food preparations to support mother earth. "Hi - Tea" buffet was arranged after a short speech and awareness of sustainability in food. The preparations were made through sustainable and healthy food technique. This celebration was an excellent experience for all and a fun way to learn about some basics of cocktails and food delicacies too.



## Department of HHA- Industrial Visit

An Industrial visit was conducted at hotel Novotel at Guwahati, on 9th Nov 2022, to create awareness among the students of the hospitality department about the working culture of a star category hotel and grooming standards.

The Industrial visit was based on live lecture sessions of the learning & training department of Novotel followed by the property tour. Training personnel of Talent & Culture Manager department, Ms. Mampi Biswas, Mr. Arun Kumar Shukla Asst. Restaurant Manager of Novotel and head of talent & culture Manager Mr. Arnab Nath guided the students through the hospitality culture and grooming standards. IT was a good learning experience .

## Workshop on Bar-O-Scope

The Department of Hospitality & Hotel Administration organized a workshop on Bar-O-Scope on 10th November 2020 with a hope to create awareness among the students of Hospitality Department about the new trends, classic specialties and technique of preparation of cocktail & mocktail. The workshop was based on live demonstrations of



cocktail & mocktail preparations where various ingredients were paired with liquors and fruit juices.

The session began with a short speech by Mr. Viveka Nand Sharma, Head of the Department. During the workshop, Mr. Souvik Sarkar gave a lecture where he elaborately described the definition, classic & modern trends, preparation techniques about cocktail & mocktail followed by live demonstrations.

### Master Class – International Spicy Food Day



A master class was conducted at Basic Training Kitchen, Assam Don Bosco University by the Department of Hospitality and Hotel Administration on 17th January 2023 in commemoration of International Spicy Food Day. Chef Manas Sarkar, started the session with a brief presentation about different spicy ingredients and their usages both in cooking and presentations. BSc HHA, Second Semester students then prepared spicy delicacies under supervision and then demonstrated them and served them to those who attended the programme including Fr. Jose Palely, Pro VC; Dr. Tania Sur Roy, HoD, Dept. of Education and Dr. Chandrima Das, Asst. Professor, Dept. of Public Administration.

### Pre-Republic Day Theme Lunch

The students from Department of Hospitality and Hotel Administration hosted a Republic Day Themed Lunch as a part of Republic Day 2023 celebration at Basic Training Restaurant on 24th January 2023.

Keeping the tricolor in mind, B.Sc. HHA 2nd Semester students designed and prepared a 3 course elaborated menu and decorated the restaurant accordingly.

The event started with an introductory speech by Mr Souvik Sharkar, HOD, Dept. of Hospitality and Hotel Administration, on the importance and the mission of the event followed by distribution of national flag badges among the students. Then the delicacies were displayed and explained in the presence of Father Stephen Mavelly, Vice Chancellor; Dr Riju Sharma, Director of the School of Humanities and Social Sciences; Dr Prasanta Kr. Chaudhury, Joint Controller of Examinations and some other Department Heads and faculty members of the Department of Hospitality and Hotel Administration.

The event concluded with appreciation and thanksgiving by all the invited dignitaries.



## Fast Food with Nutrition- Outreach Programme

An outreach programme was conducted at Pub-Dimoria M.E School on Tuesday, February 21, 2023 jointly organized by Department of Hospitality and Hotel Administration and Department of Social Work, Assam Don Bosco University in collaboration with SRF Foundation. The session was conducted by Chef Manas Sarkar, Asst. Professor – B.Sc HHA. He explained about different fast food options and talked about their nutritional values which can be taken up as a source of livelihood by the villagers.

Live demonstration was given showing 4 different varieties of pickles and 2 varieties of chat preparations. The preparations were displayed and chef explained about its costing, portioning and revenue earning which was the main mission of the programme.



## World Bartender Day

A master class on 'Unique Modern Trends in Cocktails and Mocktails' was conducted at Basic Training Restaurant, Assam Don Bosco University by the Department of Hospitality and Hotel Administration on the occasion of World Bartender Day on 24th February 2023.

Mr. Souvik Sarkar, Head of the Department, started the session with a brief presentation about the significance of "World Bartender Day" and he introduced ingredients used in preparing different mocktails and cocktails.

Demonstrations on various modern techniques used in the preparations and garnishes that are trending in the industry currently were conducted by BSc HHA Second Semester students.

The session ended with vote of thanks by members of University College Dublin Volunteers Overseas (UCDVO) Ms.Hilary Minch and Ms. Richel Cosgrove along with Prof. Ursula Fasselt, Frankfurt University of Applied Sciences, Germany. Dr. Riju Sharma, Director, School of Humanities and Social Sciences and Ms. Kueimi Li, Mandarin Teacher of Assam Don Bosco University along with other faculty members of the Department attended the session.



## **International Whiskey Day**

The Department of Hospitality and Hotel Administration organized a food production workshop on International Whiskey Day, 27th March 2023.

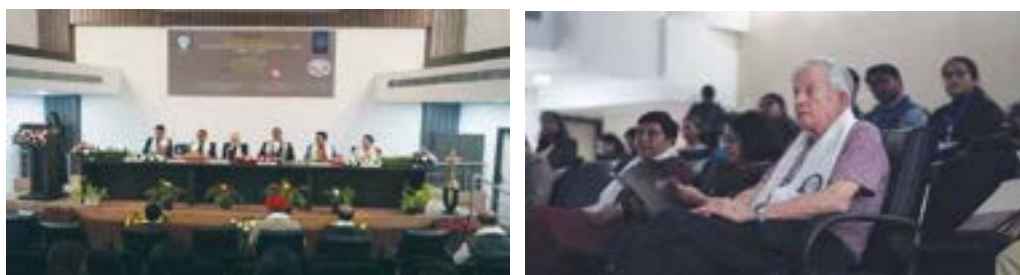
The event started with a short welcome speech by Chef Manas Sharkar, Departmental In-charge of the Dept. of Hospitality and Hotel Administration, followed by a three-hour food production practical demonstration by Chef Manas and the students of Hospitality and Hotel Administration. The entire menu was created using Whiskey as its chief flavoring agent and as a result every dish was having an aroma of whiskey. Apart from the Department students, the workshop was attended by Mr. Probal Acharya, TPO & Dr. Raja Chakraborty, (HOD Pharmacy) of Assam Don Bosco University.



# School of Fundamental and Applied Sciences

## ICNAA-2022

A two-day International Conference on Nonlinear Analysis and Applications-2022 (ICNAA-2022) was organised by the Department of Mathematics, Assam Don Bosco University in collaboration with Technological University of the Mixteca, Oaxaca, Mexico and Ramniranjan Jhunjhunwala College (Autonomous), Ghatkopar, Mumbai, India on 22-23 November, 2022 at Tapesia Campus, Assam Don Bosco University, Sonapur, Assam.



The Conference's goal was to create a platform for the intellectual exchange of ideas and information regarding the developments and advancements in many domains of both pure and applied nonlinear analysis.

A total of 11 Sessions were conducted which included Chief Guest Address, Two Key Note address and 18 Invited Talks, 2 special sessions, and 20 parallel paper reading sessions at the event. In this conference, experts from nine different countries delivered lectures, and more than 200 research works were presented in different branches of Mathematical Sciences. The conference was held in both offline and online mode separately. Offline sessions were held at Assam Don Bosco University on both days from 9 A.M. to 4:30 P.M.(IST) in four parallel sessions. The online sessions were held through four zoom meeting links in four parallel sessions.

The conference was inaugurated with an auspicious prayer moment, lamp lighting, state anthem 'O mor Aapunar desh', welcome address by Dr. Hemen Bharali, HoD, Department of Mathematics, Assam Don Bosco University and a speech by the Hon'ble Vice-Chancellor Fr.(Dr) Stephen Mavelly, Assam Don Bosco University who highlighted the academic objectives and international collaboration of teaching and research of Don Bosco University and wished a grand success of the conference. The objective and purpose of the conference was presented by Dr. Hemanta Kalita, Convenor, ICNAA-2022 while a short message was delivered by Dr. Sanket Tikare, Joint Convenor and Asst. Professor, Ramniranjan Jhunjhunwala College (Autonomous), Ghatkopar, Mumbai, India. Prof. Avishek Adhikari, Presidency University, Kolkata was the Chief Guest of the conference and he spoke on the importance of Pure mathematics and their application in a very effective way.

The inaugural session was followed by a keynote address by Prof. Erik Trelle from University of Linköping, Linköping, Sweden who spoke on "Knot-linear wave packing of real atomic and molecular composition along with examples of DNA and the amino acids". In this session, Prof.



Ravi P. Agarwal, Texas A & M University, USA, also delivered a talk on “Unbounded solutions of third – order three-point value problems on a half-line.” Another mathematician Prof. Mangatiana A. Robdera from University of Botswana, Botswana joined the conference as an Invited Speaker at the campus and delivered a talk on “More unified approach to Integration”. The other invited speakers who joined in offline mode as invited speakers were Prof. Pratulnanda Das from Jadavpur University, India; Prof. Anita Tomar from SriDev Suman Uttarakhand University, India; Prof. Surajit Borkotoky from Dibrugarh University, Assam, Prof. B. C. Tripathy from Tripura University, India; Dr. Surindar Pal Singh Kainth, Punjab University, India; and Dr. Rajeev from IIT- BHU, India.

The speakers who joined in online mode as invited speakers were Prof. L. D. R. Kocinac of University of Nis, Serbia; Prof. Valentin Skvortsov, Honored Professor of Moscow State University, Russia; Prof. Martin Bohner of Missouri S & T, Rolla, Missouri, USA; Dr. Syed Abbas of Indian Institute of Technology, Mandi, India; Prof. M. Murseleen of Aligarh Muslim University, India; Prof. Eberhard Malkowsky of State University of Novi Pazar, Serbia; Prof. Praveen Agarwal of Anand International College of Engineering, Jaipur, India; Prof. Kurunathan Ratnavelu, University of Malaya, Malaysia; Prof. Talat Nazir of University of South Africa, South Africa; Prof. H. K. Nashine of VIT, Bhopal, India; Prof. Ekrem Savas of Usak University, Usak-Turkey; Dr. Bapan Ghosh, Indian Institute of Technology Indore, India.

The conference closed with a valedictory function presided by Pro Vice-Chancellor Fr(Dr) Jose Paley, Assam Don Bosco University and Dr. Tomas Perez Becerra, Department of Mathematics Technological University of Mixteca, Mexico and Dr. Monmoyuri Baruah, Director of School of Fundamental and Applied Sciences, Assam Don Bosco University. The report of the two days conference was presented by the Prof. T.K. Dutta, Department of Mathematics, Assam Don Bosco University.

### **Initiation into Mathematics (initmath), Assam-2022**

The Department of Mathematics organised “InitMath, Assam-2022,” a residential training programme in mathematics for undergraduate Mathematics students, in collaboration with MTTs TRUST from September 24-29, 2022, at Assam Don Bosco University. It was a one-week training course for mathematics students who will finish their undergraduate (B.Sc./Integrated M.Sc.) degree in 2022 after two years and four semesters. The programme was funded by National Board of Higher Mathematics, Department of Atomic Energy, Govt. of India and is



organised under the aegis of Mathematics Training and Talent Search (MTTS) TRUST.

A total of 125 applicants from the North Eastern states submitted applications for the programme, and 45 motivated candidates were chosen on the basis of merit from the states of Assam, Meghalaya, Mizoram, Tripura, Nagaland, Manipur, Arunachal Pradesh and Sikkim.



At the inaugural session, all of the dignitaries and participants were welcomed by Dr. Hemen Bharali, HOD, Department of Mathematics. The Vice Chancellor, Fr. (Dr) Stephen Mavelly expressed the university's great joy at having hosted such a prestigious programme and extending his congratulations to all the participants. Prof. Bhaba Kumar Sarma, a trustee member of MTTS, addressed the MTTS program's framework and stressed the role that MTTS events play in fostering the development of fundamental ideas and inspiring participants to think critically and come up with their own conclusions regarding mathematics.

Dr. Hemen Bharali, Associate Professor, Department of Mathematics served as the programme's local coordinator, along with Prof. Bhaba Kumar Sarma, Department of Mathematics, IIT Guwahati as an Academic coordinator. The experts were Dr. Uday Shankar Chakraborty, Department of Mathematics, Assam University Silchar, Prof. Dhiren Kumar Basnet, Department of Mathematical Sciences, Tezpur University and Prof. Bhaba Kumar Sarma. The programme ended on 29 September with a closing ceremony where certificates were given to all participants.

### Invited Talk by Department of Mathematics

An Invited Talk was organized by Department of Mathematics on 27th October 2022 with Dr. Santanu Acharjee, Assistant Professor, Department of Mathematics, Gauhati University as the Speaker. Dr. Ridip Sarma, Assistant Professor of Department of Mathematics, ADBU was the Convenor of the event.



The title of the talk was "Bitopological dynamical systems and child birth from zygote". Dr. Acharjee started the talk with conjunctures related to child birth process, brain anomaly and medical treatment for cognitive anomaly of a new born baby. He gave insight on several new results related to entropy of bitopological dynamical systems and new advancements in this field. The invited talk was followed by active interaction and questioning by students and faculty members of the department. The entire event went smoothly and was largely appreciated and well received with good responses from the participants. The faculty members along with the UG and PG students, research scholars of the department attended the talk.

### World Animal Day

The Department of Zoology in collaboration with EcoClub of Assam Don Bosco University celebrated World Animal Day on 11th October 2021. The programme began with an introduction on World Animal Day celebration Dr. Lima Haz arika enlightened the audience on the mission, objectives, and significance of the day, followed by a short



message by Dr. Prasanta Kr Choudhury, Director, School of Life Sciences.

To celebrate this day, two competitions were organized: Face Painting and Extempore Speech. In the extempore speech competition, Linthoi Ngairangbam, class representative of BSc 5th Semester, was the host for the event. There were a total of 12 participants who spoke on the topics around the central theme of 'Biodiversity'. The programme concluded with a note of appreciation by Arpit Gameti, student coordinator, EcoClub. There were a total of 107 attendees.

### Lecture by Prof. Jogen Chandra Kalita

On 6 September 2022, the Department of Zoology organized an interactive session on 'Career Prospects in Zoology'. The speaker was Prof. Jogen Chandra Kalita, Head, Department of Zoology, Gauhati University. The gathering was welcomed by Ankita Das followed by the felicitation of Professor Kalita with a phulam Gamusa by Dr. Prasanta Kr Choudhury, Director, School of Life Sciences. Professor Kalita began with a quote "We can make space for ourselves in the world only by the virtue of knowledge".



The Professor captured undivided attention from the audience with his vast knowledge and experience in the field of Zoology and particularly his role in encouraging his students to explore opportunities in the country and abroad. Professor Kalita mentioned the advantages of the recent National Education Policy (NEP 2020) saying that the policy gives utmost importance to quality education, and also recalled the UNSDG 4 on Quality Education. Education, according to him, is to know, to do, and to be. He emphasized on the power of "one" and how it can bring a great change in society. He cited examples of notable personalities - Jadev Payeng (The Forest Man of India), Dame Sarah Catherine Gilbert (co-developer of the Covid-19 vaccine, Oxford-AstraZeneca), to name a few. He also introduced the audience to some of his students who, through their constant hard work and commitment to reach the pinnacle of success. He also encouraged the students to have a road-map that will direct them to their career goals. Professor Kalita concluded by encouraging the audience to chase their dreams, and to "be like the stem cell, differentiate yourself from others". The lecture was attended by 110 participants.

### Workshop on Learning Difficulties in Mathematics

Mathematics – though it plays an important role in all the branches of science, it is the most terrifying subject for majority of students. Students not only face difficulties in learning higher mathematics but also find it difficult during their schooling period. This happened mostly due to the lack of visualisation of its results and applications. To make the students realise their difficulties and helped them to learn how to overcome these difficulties the Department of



Mathematics organized a one day workshop entitled 'Workshop on Learning Difficulties in Mathematics' on 19th May 2022.



The workshop started with a short welcome speech by Head of the Department, Dr. Hemen Bharali who welcomed the participants and invited them to take an active part to acquire as much new knowledge as possible from the workshop. The resource persons were Dr. Nirab. Ch. Adhikari, Institute of Advanced Studies, Guwahati and Prof. Bipan Hazarika, Dept of Mathematics, Gauhati University.

After the welcome speech, Prof Tarini K. Dutta, Department of Mathematics, explained the purpose of the workshop. Prof. Dutta's speech was followed by a fruitful speech delivered by the Director of School of Fundamental and Applied Sciences, Dr. Monmoyuri Baruah.

Following this, Dr. Hemanta Kalita, Department of Mathematics, gave a short introduction of the first speaker of the workshop Dr. Nirab. Ch. Adhikari from Institute of advanced studies, Guwahati, Assam, India. Dr. H. Kalita felicitated Dr. Nirab. Ch. Adhikari with a Gamusa and gift

Dr. Adhikari delivered a lecture on "Various Problems of Mathematics" in the morning session and Prof. Hazarika delivered a lecture on "Difficulties from limits onwards" in the afternoon session. Both the lectures were followed by lively Q&A sessions where participants' questions were answered. A total of 104 participants attended the sessions.

## International Day of Mathematics 2023 and Pi Day

On 14<sup>th</sup> March 2023, the Department of Mathematics celebrated Pi Day and International Day of Mathematics with 'Mathematics for Everyone' as a theme at Tapesia Campus.

To mark the occasion, an 'Invited Talk' by Dr. Gautam Kalita, Associate Professor, Department of Science and Mathematics, Indian Institute of Information Technology, Guwahati, was invited. He delivered a talk on "Irrationality and Infinite Series". He discussed advancements in the study of Pi and how they relate to various branches of Mathematics, and spoke about scopes of research in the study of Pi.

In addition to an Invited Talk, a Poster Presentation Competition with a theme "Recent Trends in Science and Technology" and a Quiz Competition on "General Mathematics, History of Mathematics and Contribution of Indian Mathematicians" were also organized. Several students



from different departments of Assam Don Bosco University participated in the competitions. The celebration ended with certificates and prize distribution to the winners.

### Invited Lecture – Professor Nico Tille



On 8 February, 2023, the School of Fundamental and Applied Sciences and the School of Life Sciences Assam Don Bosco University organized an invited lecture on the topic ***The Urban Ecosystem as a basis for City Development***. The speaker was Professor Nico Tille, Head of the Chair of Urban Ecology and Ecocities Lab at the Faculty of Architecture and the Built Environment, Delft University of Technology, Netherlands.

After he was introduced to the gathering by Dr. Jane Shangpliang, Professor Tille began his talk by stating how urban ecology can have a positive influence in many areas in addition to biodiversity, such as climate adaptation, health, water and energy consumption and circularity. Professor Tille during his talk emphasized on two important aspects. The first one was Networks, biotope and Habitat Creation where he spoke about the Patch Corridor matrix model and creating biotope maps as a link between people and nature and also as a link between Horticulture, Planting and Resilient of cities to improve the quality of life from both social and ecological aspects. The second aspect was Species design Intervention where he spoke about the green building envelope on how to link building to green structure followed by some extra notions and strategies.

After his talk there was an interactive session with the audience. Professor Tille also showed the audience a video on how the TU Delft University Campus serves as a living lab where synergetic design can be used to make cities as natural as possible from system level down to plants and butterflies. The session was attended by 169 participants.

### International Conference Organized by Department of Chemistry

The Department of Chemistry at Assam Don Bosco University, in collaboration with Pandu College, organized an international conference titled "Emerging Trends in Chemistry" on March 16th and 17th, 2023, with support from various organizations. The conference aimed to explore advancements in the field, with a focus on renewable energy and interdisciplinary collaboration.



Renowned chemists, including Prof. Ashok Kumar Ganguli from IIT Delhi, Prof. E. D. Jemmis from IISc Bangalore, and Prof. Sourav Pal from Ashoka University, delivered talks on topics



ranging from renewable energy sources to boron chemistry and catalyst design. Other notable speakers included Prof. G. N. Shastri, Prof. Samaresh Bhattacharya, and Prof. Prodeep Phukon.

The conference featured plenary sessions, invited talks, oral presentations, and poster sessions, with a total of 150 participants, both online and offline. The American Chemical Society sponsored prizes for the best oral and poster presenters.

Prof. Ganguli emphasized the importance of renewable energy, particularly green hydrogen, in addressing environmental challenges. Prof. Jemmis discussed his work on boron clusters, while Prof. Shastri focused on an Industry 5-driven approach to drug discovery. Talks covered diverse areas, including nanocomposites for catalytic applications, photocatalysis for hydrogen production, and the role of carbohydrates in biological events.

The event provided a platform for research scholars, academicians, and students to share ideas and results, showcasing the broad spectrum of chemistry, including physical, inorganic, organic, and biochemistry. Prof. V.K. Tiwari's engaging talk on click chemistry and the role of carbohydrates added a unique perspective.

The conference underscored the central role of chemistry as a "central science," fostering knowledge exchange and collaboration among experts and students. The attendees, including ADBU students and research scholars, gained valuable insights into cutting-edge developments in the field

## **Workshop on Reflective Diary Writing**

The Department of Chemistry organized a workshop on Reflective Diary Writing on 29 October 2022 with Dr. Tania Sur Roy, Head, Department of Education, Assam Don Bosco University as the resource person. She spoke about the art of journaling and ways of writing a journal. It was an activity-based workshop. Eighty seven students from the Department of Chemistry studying UG and PG courses attended the workshop.

## **Mole Day 2022**

The Analytical Club of the Department of Chemistry organized a celebration of Mole Day on 22 October 2022 as Mole Day this year falls on 23 October which is a Sunday. The celebration began with an introductory speech by M. Mhajano Okhyopvui . The speech consisted of the history, the relevance, the need and the purpose of Mole Day. Extempore speech competition and Quiz competition were organized where students from different Departments like Physics, Mathematics, Biosciences actively participated. Topics of Extempore Speech included 'Green Chemistry', 'Green Evolution', 'Waste management', 'Women Empowerment' etc. This was followed by a Quiz Competition where 6 teams participated.

## **Workshop on National Eligibility Test**

The Department of Chemistry organized a two-day workshop on the National Eligibility Test (NET) on November 3rd and 4th, 2022, for M.Sc. 1st Semester and M.Sc. 3rd Semester students. The workshop aimed to prepare students for the NET examination.



On November 3rd, Dr. Nilamoni Nath from Gauhati University conducted the first session, focusing on NMR Spectroscopy. He explained essential concepts such as chemical shift, coupling constant, and shift reagents used in NMR spectroscopy, providing examples to illustrate the NMR spectra of various molecules. On November 4th, during the first half (10:00 am-12:00 pm), Dr. Rupam Sarma from Nalbari College discussed important techniques for NET preparation and success.

The final lecture, delivered by Dr. Lopamudra Homchaudhuri from Assam Don Bosco University, involved the discussion and solving of previous years' CSIR-NET exam question papers with the students. Both M.Sc. 1st Semester and M.Sc. 3rd Semester students at Assam Don Bosco University found the workshop beneficial for their NET exam preparations



# School of Commerce and Management

## **JourNEI, the Kharghuli celebrations as part of the ADBU week (April 25-30, 2022)**

JourNEI 2022 was observed at DBIM, the Kharghuli campus of ADBU. This was part of the greater ADBU university week which was observed under different heads in the three campuses with a closing ceremony at Tapesia on April 30 marking the conclusion of the week.

## **Industry Visits to Supreme Industrial Limited (May 7 and 14, 2022)**

On the 7th of May, first-year students embarked on their second industrial visit to Supreme Industrial Limited in Amingaon, Guwahati. The visit commenced at 9:35 A.M. following a short assembly, with 34 students, accompanied by teachers Sir Pradeep Deka and Mam Priyanka Singh, a bus driver, and a guide.

Upon arrival at 10:30 A.M., the group underwent a Covid vaccination certificate check before being divided into two groups for a guided tour. Quality Assurance Head, Mr. Sasanka Bhattacharyya, led the groups through various processes involved in manufacturing plastic furniture, such as Injection Molding, Rotational Molding (ROTO), Extrusion, Compression Molding, and Blow Molding. The company utilizes Polypropylene molds strengthened with fillers and produces 48 chairs per hour with a single mold. Daily production targets are set based on market demand, resulting in 5-6 tons of production per day, each chair weighing 0.64 kg. Raw materials are sourced from Haldia, Kolkata, and Lepetkata (BCPL), Dibrugarh, with monthly orders placed within 10 days. In the Northeast, only two industrial designing companies exist, one located in Guwahati, managed by M.P. Taparia. The company, with around 5000 employees in the Northeast and Mumbai, competes with Nilkamal for market share. Supreme Industrial Limited focuses on urban areas, prioritizing quality over quantity, while recognizing the rural demand for quantity over quality.

After the informative session, students engaged in a Q&A with Mr. Bhattacharyya, expressing gratitude for the insights gained during their visit. Group photos were taken, and the visit concluded at 11:50 A.M., with the group returning by 1 P.M. It is worth noting that second-year students had previously visited the same location on May 14, 2022.

## **Departments of Commerce and Management- Industrial Visit Report**

The Departments of Commerce and Management at Assam Don Bosco University organized an Industrial Visit on May 13, 2022, for its final year MCOM and BCOM students as part of their co-curricular activities. A group of 72 students, comprising 31 from BCOM 6th semester and 41 from MCOM 4th semester, visited Wamul Purabi Dairy in Panjabari, Guwahati, Assam. Known as a pioneer in branded milk products in Assam and North East India, the students were transported to the Purabi factory by an electric bus that left the college campus at 9:30 am and arrived at the venue at 11:00 am.



Following a security check, students were briefed on rules and guidelines in the introduction room and were divided into batches based on their course and semester. Dr. Nabasmita Bordoloi and Prof. Lobo Kesh Nath, along with Ranjay Kumar (Senior Executive Production Department) and Suchi Barata Das



(Microbiologist), guided the students through the industry. The students were provided a comprehensive tour of the industry. The process of washing containers, the seven stages of milk testing, product packaging were elucidated.

### **Session on Service Learning (May 30, 2022)**

Dr. Maria Rosa Tapia from the University of Buenos Aires and promoter of the CLAYSS program on Service Learning, conducted a brief session on “Approaches and Challenges to Service-Learning Building Community Partnerships”. She was accompanied by Dr. Riju Sharma, Director of the School of Social Sciences, ADBU.

Dr. Maria presented case studies and examples on how academic knowledge and initiatives can be directed towards community development. She also interacted with the MBA students on their experiences and how such experiences contributed towards their holistic development. One specific experience was on a student association with a project to save the adjutant stork through community development. The work to protect the endangered species not only produced the desired result in its focus area but also contributed to the economic development of the community.

### **International Yoga Day (June 21, 2022)**

The international yoga day was a subdued event as the MBA Spring semester 2022 examinations start on June 22. The resident staff of DBIM and DBI carried out the usual Yoga drills led by Ms. Pinky Sarkar, the MBA student manager and animator. Links to the Honorable Prime Minister Shri Narendra Modi’s address to the nation on this day was also shared with the students and staff for inspiration.

### **Youth Parliament**



On 15th October, 2022 the Commerce and Management Club, School of Commerce & Management, conducted an interinstitutional Youth Parliament on the topic, "India should henceforth be called as Bharat or Hindustan". The event saw participation of institutions across different colleges of Guwahati & Shillong. The Youth Parliament setup constituted of the Speaker (Dib- yashree Pathak, BBA 5), the Secretaries, Prime Minister's Team, Government teams, Opposition teams and the Press. The session began at 9:30 AM with oath taking ceremony by one representative from each team followed by 'Introduction to the Bill' by the Prime Minister. After introducing the bill, the opposition teams asked questions to the government teams which continued till 10:50 a.m. followed by the Question hour where teams from both sides counter questioned their points and arguments. The question hour went on for another hour and came to an end at 12:00 PM. The last round was the counting of votes for the Bill from both teams. Since the votes for passing the Bill were equal on both sides, the bill was not passed and requires further discussion on the matter. The session ended by singing the National Anthem. A total of 9 teams from Don Bosco University, Gauhati University, St. Anthony's College Shillong and Royal Global University participated in the event.

### **MERCEMOC 2022: Fuse Brain 3.0**

On the 22nd of September, the Commerce and Management Club under the School of Commerce and Management of the University conducted its annual fest 'MERCEMOC 2022'. The event was coordinated by Ms. Chayanika Das and Ms. Neha Khaitan. The club successfully conducted FUSE BRAIN 3.0, an inter-Institutional Business Quiz. The competition was open to both undergraduate and postgraduate students, and witnessed the participation of 17 teams from colleges in Guwahati. The Quizmasters were Mr. Derajuddin Ahmed and Ms. Pratha Sharma. The event started with a preliminary round. Six teams qualified into the second and final round. The winners were Cotton University (First), Guwahati Medical College (Second), and Assam Don Bosco University (Third). The event concluded at 4:00PM with a group photograph session. The winners were awarded on the 24th September with a certificate and cash prizes worth Rupees Seven Thousand sponsored by Darjeeling Momos, Genesis Max, and Summer 88.

### **Awareness Programme on Various Schemes of India Post**

On 29th September, 2022, the India Post Office, Guwahati branch in collaboration with Department Of Commerce, Assam Don Bosco University, conducted a Seminar on "AWARENESS PROGRAMME ON VARIOUS SCHEMES OF INDIA POST". The session was conducted in the Conference hall of Azara Campus from 11.00am to 12.15pm. The main aim of the seminar was to make the students aware of the various schemes that are available and offered by the India Post office. The session started with an inaugural speech by Dr. Biju Mani Das (Head of Department, Department of Commerce). The session was then taken over by the members of Indian Post Office. The first resource person, Mr. Trideep Goswami, Marketing Executive, Guwahati Division, India Post office gave a brief idea about the Indian Post office. He spoke about the various schemes and programme that are offered by them. The next session was carried out by Mr. Mridul Kalita, the asst. superintendent of the India Post, Guwahati Branch. He made the students aware of the following schemes such as Sukanya Samridhi Account (which is mainly for girls below 10 years, it was launched in the year 2014, by the Prime Minister of India) Recurring Deposit, Time Deposits and Savings Account. The resource person also spoke about the insurance schemes like the Postal Life insurance. The deliberation was followed by a



question –answer session where the resource persons addressed the queries of the participants. It is to be mentioned that a stall was placed in the university premises by Guwahati division, India Post Office to help the interested ones in opening account in post office.

### **Vigilance Awareness Week (October 25 to 31, 2022)**

All the MBA students and staff renewed their integrity pledges. On October 31, all the MBA students and staff watched a documentary on Sardar Patel to commemorate his birthday.

### **Industry Visits (November 5, 12, and 17, 2022)**

The first year MBA students went for their industry visits for the Autumn semester 2022 to “Bhabani Offset & Imaging Systems Pvt. Ltd”, in two batches, on November 5, and 12. The second year MBA students went for their industry visits for the Autumn semester 2022 to “Marico Limited” on November 17. The visit to Marico was divided into two segments. The first was an overview session conducted by the HR managers followed by the actual plant visit. The visit to Bhabani was in two batches as they could not accommodate more than 30 students in a single visit. During this visit, the students were shown around with any preview session. Both opportunities were excellent exposures for the students to experience theory in action.

### **Orientation Programme on Civil Services and Chartered Accountancy**

An Orientation Programme on ‘Civil services and Chartered Accountancy’ was organized by the Department of Commerce, Assam Don Bosco University, Azara in collaboration with Tarun IAS on 7th November, 2022. The session was conducted from 2:00 pm to 3:30 pm. The focus of the seminar was to introduce the students to the coveted Civil Services and Chartered Accountancy. The Session began with the inaugural speech by Dr. Biju Mani Das, Head of the Department. Following this was the interactive session with the resource persons, Mr. Tonmay Dutta and Mr. Praveen (ACS Rank-23) on reasons to opt for the Civil Services and the desirable qualities of a civil servant. The speakers also shared their personal experiences on how to balance and overcome the various obstacles that come in the way of student life. The speakers were also actively engaged in the Q&A session towards the end of the programme. The programme was attended by the students of B. Com 5th Semester and BBA 5th Semester.

### **Guest Lecture on Investment Basics (November 9, 2022)**

A guest lecture was conducted by Mr. Kushal Sarawgi, Financial Advisor from Sarawgi Finserves, Guwahati, for the 1st year MBA students. The session was a primer on the benefits of early investment and fundamentals of investment assets like mutual funds.

### **Constitution Day (November 26, 2022)**

The Government of India observes 26th November as 'Constitution Day' or 'Samvidhan Divas' as India's Constitution was adopted on November 26, 1949, and came into force on January 26, 1950, marking the beginning of a new era in the history of India. The students of MBA, first and second years, got together to watch the “Constitution Day” address by the Honorable Prime Minister of India and the Honorable Chief Justice of India which was telecasted live in the DD National channel.



## Two-day seminar on “Environment Management” (December 8 and 9, 2022)

North-East India Council for Social Science Research (NEICSSR) organized a two-day seminar on “Environment Management and Society in India with Special Focus on North-East India” in collaboration with DBIM and Arya Vidyapeeth College on December 8 and 9, 2022. Prof. Pratap J Handiq, Honourable VC, Gauhati University, was the Chief Guest. Dr (Fr) P D John, Director, DBIM was the Chairperson and Prof. Abhik Gupta was the Keynote Speaker for the seminar.



Assistant Prof. Amal Dev Sarma, DBIM, introduced the topic to the participants, and welcomed the esteemed members on the podium. Prof. Amrit Pal Singh, President NEICSSR, anchored the inauguration program. Dr (Fr) P D John highlighted the relevance and importance of the seminar topic. Prof. Pratap J Handiq, talked about the potential outcomes of seminar and how environment management needs to be an interdisciplinary initiative. The highlight of the inauguration program was the keynote address on “Climate Change and the Environmental Crisis: Ethical Issues at the Regional and International Level” by Prof. Abhik Gupta. Dr S Sarma, Convener, proposed the vote of thanks.

## Session on Business Research Projects by Prof. Vibhuti Jha (January 21, 2023)

Prof. Vibhuti Jha, Director SOCM, ADBU, conducted a session on “Business Research Projects” for the MBA students. Students from both the batches participated in the 2 hour session on Saturday, January 21, 2023. Prof. Jha took the students through the process used by organizations in honing and identifying skill in new or potential hires by assigning them projects. He also discussed what kind of expectations organizations have from new or potential hires. The students were highly appreciative of the effort. Several of them had questions and wanted to interact with Prof. Jha after the session.

## National Tourism Day

School of Commerce and Management ADBU have organized the celebration of National Tourism Day on 25th of January, 2023 in the atrium of Azara Campus with great vigour and vitality. The program, started at 9 am and was celebrated for a duration of 1 hour and thirty minutes. The anchor, Mr. Jason Dkhar of B.Com 6th Semester started the program with his speech of introduction of the event followed by a welcome speech of Prof.(Dr.) Vibhuti Jha , Director , SoCM.





The guest of honour of the event was Mr. Longbir Augustine Kathar, founder and CEO of Trail & Tides, a travel management company. The venture has its branch offices spread over in Mumbai, Kolkata, Surat and Thimphu apart from Guwahati. Mr. Longbir and his 2 Colleagues were present to solicit the function. They were felicitated by Ankita Das (BBA 6th Semester), Tisha Agarwal (B.Com 4th Semester) and Kalyani Keshri (B.Com 4th Semester) which was followed by his speech. Mr Longbir emphasised about sports tourism and the colours of northeast and the

immense scope of tourism in the north eastern part of the country. The guest of honour was then followed by the detailed speech Ms. Tisha Agarwal of B.Com 6th Semester on the event of National tourism day and its significance, the richness of India and its immense scope of tourism. Her speech was accompanied with slide show of various places of India along with their rich culture and ethnicity. The slides were presented and prepared by Iestyn, Aban, Nistel of BBA 4th and BCom 4th Semester. The gathering was enthralled by the mesmerising flute musical performance of Mr. Ankur Sarma of MCA 2nd Semester. On the stage then came the awaited dance show of all the 7 sister states and the one brother state of north east India to showcase the rich culture and folk dances of the region. The dance groups comprised of students of SOT and SOCM. The dance show comprised of N yishi Folk dance of Arunachal Pradesh, Naga Folk Dance of Nagaland, Thougol Jagoi dance of Manipur, Lebang Folk dance of Tripura, Nepali dance of Sikkim, Baguramba and Bihu of Assam concluded by Cheraw dance of Mizoram. The entire dance show alongwith the slides depicting the ethnic cuisines and the popular tourist places mesmerized the audience.

## National Webinar on 'Wealth Creation through Personal Finance Management'

The Department of Commerce, Assam Don Bosco University in collaboration with Association with Mutual Funds in India (AMFI) has organized a National Webinar on 19th January, 2023 at 1pm onwards. The topic of the webinar was 'Wealth creation through Personal Finance Management' which was joined by not only students of Commerce and Management but also faculties of different departments in the University. It was also joined by dignitaries across different institutions in India. Altogether, there were 145 participants. The resource person Shri Surya Kant Sharma is a senior consultant at Association of Mutual Funds in India (AMFI) and Ex-DGM of SEBI. The National webinar was organized as part of Investors Awareness & Education Programme to promote financial literacy among citizens. It was a wonderful programme in which the resource person enthusiastically addressed the participants and lastly, we had Q& A session at the end of the session. The webinar received overwhelming response from the participants.



## Investor Awareness Programme

The Department of Commerce and the Department of Management in collaboration with Securities and Exchange Board of India (SEBI) organized a seminar titled 'Investor Awareness Programme' on 3<sup>rd</sup> February 2023 at the Conference Hall, Azara Campus. The resource persons were Shri Jangchon Lhovum, General Manager of SEBI Guwahati; Shri Munna Paul, an officer of BSE; and Shri Pitambar Talukdar who is an officer at Central Depository Services (India). The seminar was hosted by Shri Anil Kumar Thakur, Executive of Northeast (BSE). In the first session, Shri Jangchon Lhovum explained about the 'Role of SEBI' in regulating the Indian Securities Market through which the audience gained a lot of knowledges about objectives of SEBI, power & function of SEBI, structures of Indian Securities Market, Securities Market frauds, steps taken by SEBI, etc. This was followed by a talk on 'Stock Exchange' by Shri Munna Paul, who described about the 'Stock Exchange' and shared information on the best time to start investing and 'How' and 'When' should we start investing. The last talk was delivered by Shri Pitambar Talukdar who discussed about the 'Basics of Investment Depository Services'. It was a successful and wonderful seminar by which we got to know about SEBI and stock markets. Lastly, the seminar was ended by vote of thanks by Head of Management Department, Dr. Amarjit Deb. The seminar received overwhelming responses from the participants.

## Industrial Visit to GTAC

The Department of Commerce organized an Industrial Visit to Guwahati Tea Auction Center (GTAC) on 8<sup>th</sup> February 2023 for the students of B.Com (Honours) final semester students. On arrival, students were taken to the tea auction room and the guide explained how the auction of the tea leaves takes place. The buyers bid on different tea leaves like CTC, dust and Orthodox Tea (highest graded tea in India). The auction is run by brokers who take bids from the buyers. Before everything was digitalised, the room would be full of buyers from different companies and it used to be really loud and chaotic. But nowadays bidding is done through digital platforms.



Students were then taken to the Conference Room where they were shown the technical part of how the bidding of tea leaves work through their platform. Generally, buyers and sellers have to register themselves with the Guwahati Tea Auction Centre. The auctions are usually conducted 52 times in a year. The auction is done in lots and 1 lot contains about 20-30 packets having a weight of about 30-35kg per pack. The technical part of the auction was interesting as we got to see how tea auction is actually carried out. The Guwahati Tea Auction Centre (GTAC) is one of the busiest tea trading facilities in the world. In fact, it has seen the largest volume of CTC tea auction in the world. Established on 25<sup>th</sup> September 1970 as a result of the commitments of a few pioneers, the Guwahati Tea Auction Centre (GTAC) has been nurtured and sustained through the joint efforts of the State Government and the four segments of tea trade – sellers, brokers, buyers and warehousemen.



## Industrial Visit – Commerce



An industrial visit to Northeast Nutrients Private Limited (NENPL) was organised by the Department of Commerce on 11th February, 2023. A total of 42 students from B.Com 4th Semester were accompanied by three faculty members. The Northeast Nutrients Private Limited is a private limited company based in Mangaldai, Assam, India and it was incorporated officially on 5th August, 2013. On arrival at the industry, all the students were taken to the training room, Dr. Biju Mani Das felicitated the host team Mr. Saurabh Saraf, Head of Operation, Mr. Suresh Kanan, Operation Manager, Mr. Mrinmoy Kaushik, HR Manager, with a scarf of the university. An informative presentation was held by Mr. Mrinmoy, the HR manager explained that the industry was started in 2015, the ITC holds 76% of shares and SRD holds 24% shares in the company, the total manpower (including contractual) is around 750. The products they manufacture are Dark Fantasy Choco Fills, Bounce Cream and Marie Light. After this, students were shown around the factory and it was very informative and inspiring in some ways.

## Seminar on Entrepreneurship

On February 15, 2023, the School of Commerce organized a seminar in collaboration with Entrepreneur's Ex-IBMer, Business Training School, focusing on the theme "Entrepreneurship and its Potential in Current Scenarios." Dr. Biju Mani Das, Head of the Department of Commerce, welcomed and felicitated the resource person, Mr. Chandan Lakhar, and his team, including Mr. Barun Kalita and Ms. Anubha Baruah. Mr. Chandan Lakhar addressed the students, emphasizing the necessity of entrepreneurship rather than considering it a choice. He delved into topics such as developing an entrepreneurial mindset, the nature of large businesses, and the importance of the art of selling. Drawing inspiration from Thomas Edison's quote, "There is a better way for everything. Find it," Lakhar encouraged starting early in life when entrepreneurial ideas click, considering their relevance in today's society.



He highlighted the significance of emotional intelligence (EQ) alongside a high IQ for survival in the current market. Lakhar proposed five sustainable business areas for consideration: e-commerce, franchise, direct selling, affiliate marketing, and distribution. To succeed as an entrepreneur, he stressed the importance of learning the art of selling, making oneself a sellable product, incorporating stories into product advertisements, and prioritizing customer feedback as a key to growth. Mr. Chandan Lakhar concluded his talk by introducing the "4Ds" in the entrepreneurial journey: Dream (finding one's dream), Decision (committing to work on the dream), Discipline (preparing to fulfill the dream through self-discipline), and Delight (finding joy in the hard work invested).

### **Industrial Visit to NENPL**

The Department of Commerce organized an Industrial Visit to North East Nutrients Private Limited (NENPL), Mangaldoi, Darrang on 25th February 2023 for the students of Master of Commerce, accompanied by Dr. Biju Mani Das, Head, Department of Commerce and Dr. John Mang Muan Lian Zou, Asst. Professor of the Department. On arrival, Mr. Keshab Jha, Senior HR of NENPL briefed the students on NENPL and its operational functions. Mr. Sanjiv Kanu, Assistant Finance Manager then gave a talk on accounts and finance of the industry, followed by a talk by Mr. Saurav on different cost related factors and about the operations. Students then visited manufacturing and production unit including raw material storage unit and were shown how flour and sugar are sieved and witnessed various processing units. NENPL is a joint venture of ITC Ltd and SRD Group. It is 80% automated food processing industry producing Sunfeast biscuits established in 2015. It is one of the best food plants in North East India having cultured working environment.



### **Alumnus Talk**

The Department of Commerce, Assam Don Bosco University organized a talk by an alumnus Mr. Akhtar Hussain, 2019 Batch of Bachelor of Commerce, who is now working as an Accounts Officer in Mahindra and Mahindra Ltd, on 10th March 2023. Mr. Akhtar Hussain began his talk by defining the term 'success' and what the word means to him and shared his journey to reach success. He shared about the importance of having a proper aim in life accompanied by hard work, focused goal while stressing on how one's mindset plays a role in a journey to success coupled with motivation and inspiration. He opined that real success leaves an everlasting impact in the world that people remember and shared how he works towards such. The talk was followed by a Q&A session and ended with vote of thanks by Dr. Chayanika Sarma, the coordinator of the talk.

### **Industry Visit (March 14, 2023)**

The second-year MBA students, under the guidance of Mr. Bikash Kalita, Assistant Professor, and Miss Priyanka Singh, Admin Officer, conducted a visit to the manufacturing unit of ITC Limited in Kukurmara, Chaygaon, Guwahati. Arriving at the facility by 11 AM, the DBIM team was warmly welcomed and guided by HR Manager Major Rupam Talukdar, a former Indian



Armed Forces personnel who joined ITC in 2017 and has been contributing to the HR department since.

During the visit, Major Rupam Talukdar provided valuable insights into ITC, covering various aspects. The manufacturing unit, sprawling across 39 acres, is dedicated to producing Sunfeast Mom's Magic Butter Biscuit and Bingo Tedhe Medhe. With a daily footfall of approximately 400, the plant employs state-of-the-art technology for production and adheres to strict hygiene guidelines. Notably, the plant opts for food from external sources, rather than cooking within the premises.

The visit concluded with a delightful lunch within the plant premises, followed by a Q&A session with Major Rupam Talukdar. William Kullu, an MBA student, extended a vote of thanks. As a gesture of appreciation, the students were gifted a generous box of Bingo Tedhe Medhe. The students, accompanied by faculty members, returned to the institution at 5:30 pm.

### **14th Tribal Youth Exchange Programme (March 20 - 26, 2023)**

Assistant Professors Amal Dev Sarma, Bikash Kalita, Chandan Dutta, Nandini Borah and Pradeep Kumar Deka contributed as resource persons in the youth exchange programme organized jointly by the Nehru Yuva Kendra Sangathan and Don Bosco Institute. The sessions were held on, Threats by divisive forces (Communal, regional and terrorism) and role of youth in combating the menace by Asst Prof. Amal Dev Sarma, Faculty DBIM (21/3 Afternoon), Creativity & Critical Thinking by Asst Prof. Pradeep Deka, Faculty DBIM (23/3 Morning), Sankalp se Siddhi commitment for the vision of New India. by Asst Prof. Nandini Borah, Faculty DBIM (23/3 Afternoon), Universal Human Values through Self Reflection by Asst Prof. Chandan Dutta DBIM (24/3 Morning), Coping with Stress and Emotions by Asst Prof Bikash Kalita, Faculty DBIM (24/3 Afternoon)

### **Workshop on Soft Skills**

A workshop on Soft Skill was organized by the Department of Commerce on 29th March 2023 at the Conference Hall of Azara campus with Ms. Nabamita Das, Asst. Professor, Department of English as a resource person. The workshop covered the importance and benefits of soft skills, and highlighted various key concepts related to soft skills and provided explanations of what soft skills are, why they are important, and how they can be developed and improved. Various types of soft skills were discussed during the workshop, including communication skills, interpersonal skills, teamwork skills, leadership skills, problem-solving skills, and time management skills. These skills are critical for success in today's workplace and are highly valued by employers. In conclusion, the workshop provided valuable insights into the importance of soft skills and how they can be developed and improved. The key concepts discussed during the workshop are critical for personal and professional growth and can help individuals succeed in today's workplace.



# In focus: Preparation of ADBU for NEP 2020

## Assam Don Bosco University's Annual Report Highlights Successful NEP 2020 Implementation

In the ever-evolving landscape of education in India, the introduction of the National Education Policy 2020 (NEP 2020) by the Government of India on July 29, 2020, marked a pivotal moment. This policy aimed to redefine the educational paradigm, replacing the 1986 National Policy on Education. At the forefront of embracing and incorporating these transformative policies is Assam Don Bosco University (ADBU).

### I. Participation in State Government Programs

ADBU actively aligned its initiatives with NEP 2020 objectives through participation in various State Government programs.

- 1. NEP-2020 Meetings:**
  - Dec 28, 2021: Meeting for VCs of North East.
  - Aug 4, 2022: Special meeting with the Governor.
  - Sept 8, 2022: Full-day program on 4 Year Degree Courses.
  - Dec 1, 2022: Meeting on Implementation of NEP.
- 2. Preparation and Submission:**
  - Dec 13, 2022: Submission of a detailed roadmap for NEP 2020 implementation.
- 3. Online Filing:**
  - Apr 6, 2023: Online submission of preparedness for starting the 4-year Undergraduate Program from 2023-24.

### II. Faculty Preparedness Programs

ADBU took proactive measures to prepare its faculty for the imminent changes brought about by the 4-year degree program.

- 1. Seminar on NEP 2020:**
  - Sept 18, 2021: Seminar on challenges and opportunities for higher technical education.
- 2. NEP Lecture:**
  - May 11, 2022: Lecture on career prospects in public administration.
- 3. Faculty Development Programs:**
  - Jan 5-7, 2023: Three days of programs on Outcome-Based Education (OBE) and NEP.

### III. Steps Taken for Implementation

A meticulous process was undertaken to ensure the effective implementation of NEP 2020.

- 1. Academic Bank of Credit (ABC):**
  - Jul 1, 2022: Transition to new guidelines of UGC NAD for ABC.
- 2. Structural Comparison and Awareness:**
  - Jul 29, 2022: Comparative study of existing CBCS Pattern and proposed NEP Pattern.



- Aug 1, 2022: Forwarding of the comparative study to Directors for awareness.
3. **Webinars and Meetings:**
    - Oct 19, 2022: Faculty participation in the Webinar on National Credit Framework.
    - Nov 12, 2022: Joint Meeting of GB and Board of Management.
  4. **Roadmap and Meetings:**
    - Nov 21, 2022: Meeting of Directors and HoDs on NEP, outlining a roadmap.
    - Nov 22-23, 2022: BOS meetings for course structure approval.
  5. **Syllabus Finalization:**
    - Feb 3, 2023: Meeting to identify multi-disciplinary courses and finalizing syllabi.
  6. **BOS Meetings and Approval:**
    - Feb 16, 2023: BOS meetings scheduled for NEP syllabus approval.
  7. **Finalization and Compilation:**
    - Mar 23, 2023: Directors' meeting to finalize common courses, with compilation by Mar 24.

#### IV. University Extension Programs

As part of its commitment to community engagement, ADBU conducted workshops and interactions with external stakeholders.

1. **Workshop for School Teachers:**
  - May 28, 2022: Workshop to familiarize senior secondary school teachers with NEP 2020.
2. **Interaction with North East Bishops:**
  - Apr 12, 2023: Interaction with North East Bishops to discuss NEP-2020.

#### V. Curriculum Design

Through a meticulous process, Assam Don Bosco University is set to implement the following credit-based structure for 3-year UG and 4-year UG (Honours) or UG (Honours with Research) programs, aligning with the NEP 2020 vision:

S.No	Broad Category of Course	Minimum Credit Requirement	3-year UG	4-Year UG
1	Major Courses	60	80	
2	Minor Courses	24	32	
3	Multidisciplinary Courses	9	9	
4	Ability Enhancement Courses (AEC)	8	8	
5	Skill Enhancement Courses (SEC)	9	9	
6	Common Value Based Courses for all UG	8	8	
7	Summer Internship	2	2	
8	Research Project / Dissertation	-	-	12
Total		120	160	

Assam Don Bosco University, with its proactive approach, is poised for the successful implementation of NEP 2020, fostering a dynamic and student-centric educational environment. This annual report stands as a testament to the institution's dedication to providing quality education in alignment with national policies.



# Updates on Placement Activities at ADBU

## Placement Overview

### 2022 Placements

Number of students placed in 2022: 89

### 2023 Placements

Number of students placed in 2023: 108

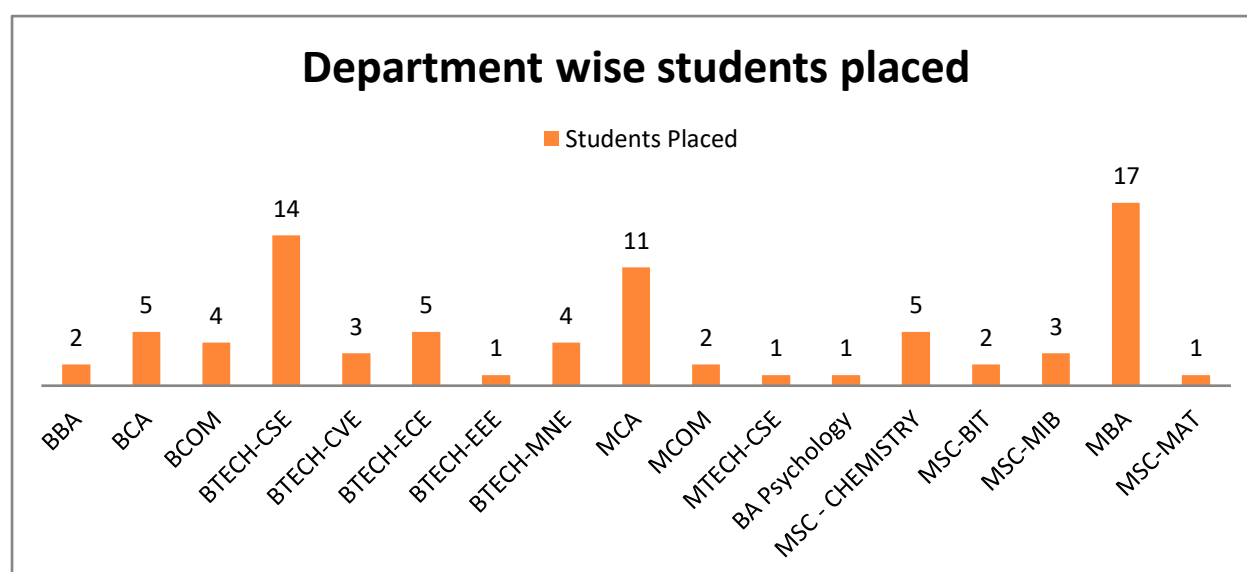
## 2022 Placements

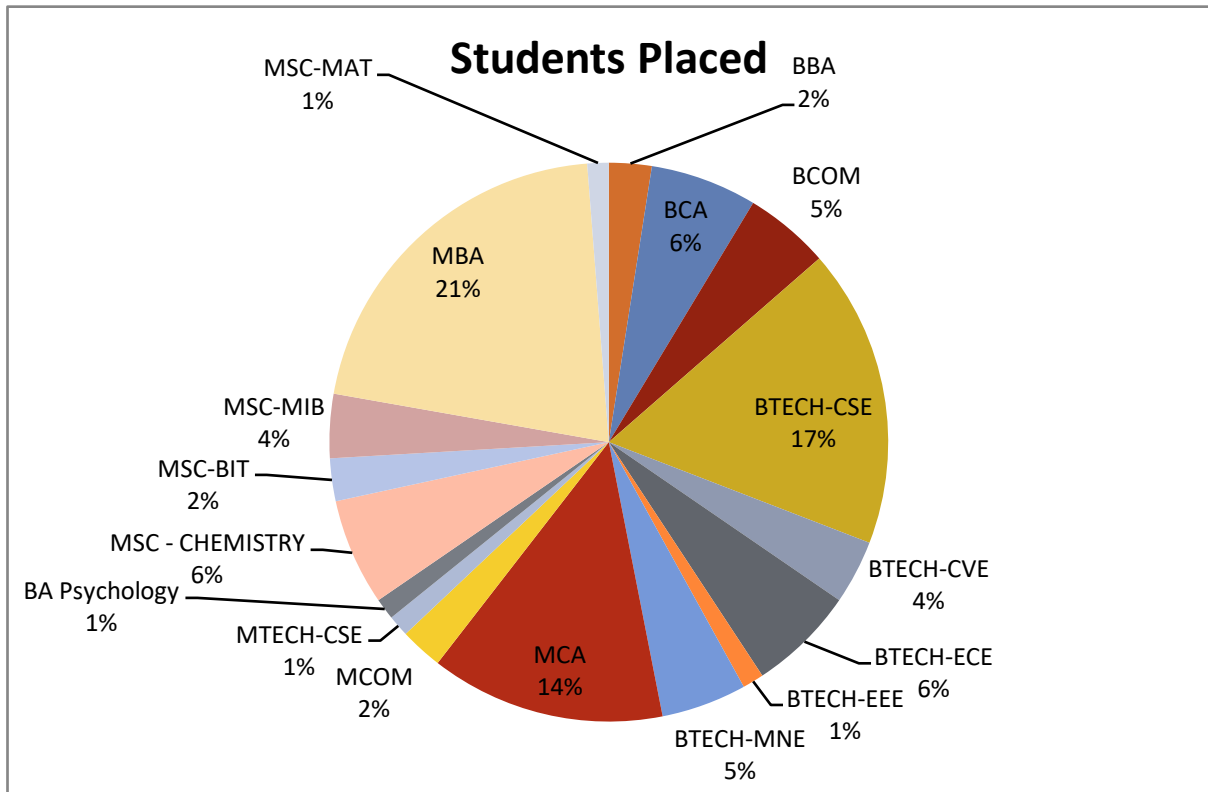
In 2022, a total of 89 students were placed in various companies across different sectors.

Top Sectors: Telecom, Bank, Education, Logistics

Top Recruiters: ITC, Vodafone, South Indian Bank, Byjus, Shadow fax

## Year 2022 Students placed



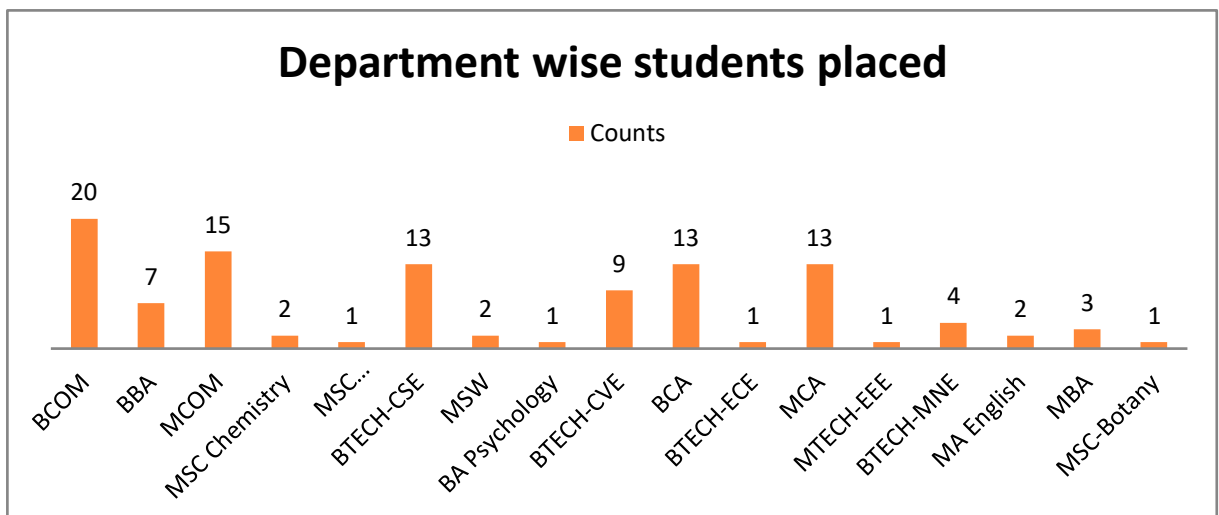


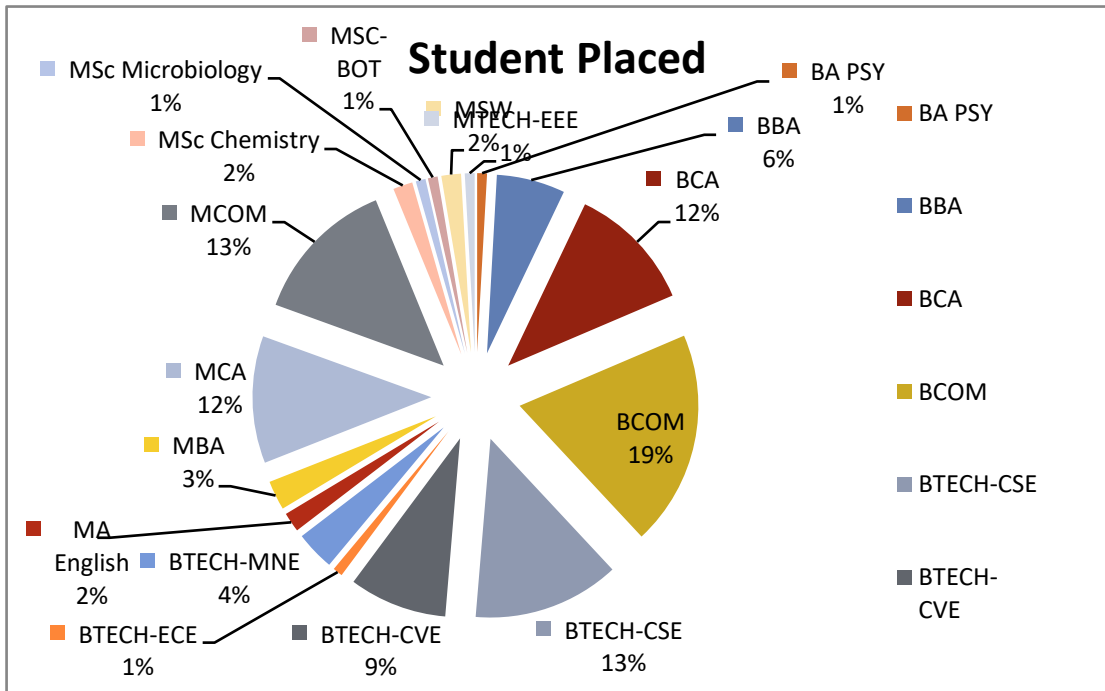
### 2023 Placements

The number of students placed in 2023 is expected to increase significantly compared to the previous years. This is due to:

- Strong demand for skilled professionals in various industries
- Excellent reputation of our institution.
- Till now **108 students** have been placed which is highest compared to the previous years and this is still continuing as the year yet to end.
- Top Sectors: IT, Banking, Education, Manufacturing.
- Top Recruiters: ADP India, Bank Zone, South Indian Bank, UltraTech Cement Limited.

### Year 2023 Students placed





# Research Activities of ADBU in 2022-2023

## PhD Degree Awarded during 2022 - 2023

A total of Twenty three research scholars have been awarded the PhD degree from April 2022- March 2023. The details of it are given below:

Sl. no	Research scholar name	Title of the thesis	Department	Supervisor
1.	Stella Thomas	Literature as activism: Socio-political issues in the novels of Toni Morrison	English	Dr. Maniklal Bhanja
2.	Vanlalhruaia	A new approach to face recognition based on binary images	Computer Science & Engineering	Dr. Y. Kirani Singh
3.	T. Alemla Longkumer	An analytical study of the two-year B. Ed. Programme as perceived by teacher educators and student teachers under Nagaland University	Education	Dr. Anjali Karmakar
4.	David F. Marbaniag	An empirical investigation into the entrepreneurial intention of the youth in Meghalaya	Management	Dr. KS Rajput
5.	Joy Francis	Interpersonal relationship and mystical contemplation: A Teresian perspective	Comparative Religion	Dr. Francis Fernandez
6.	Janet Sylvia Mendonca	Embedding quality culture in higher education: A paradigm of assessment and accreditation	Education	Dr. Paul Pudussery
7.	Sharmistha Jha	New media and filmmaking pedagogy: A critical exploration of their relationship in the context of India	Mass Communications	Dr. George Plathottam
8.	FHA Shibly	Development of an efficient method for automatic detection of hate speech in social media	CSE	Dr. Uzzal Sharma
9.	Hakani Daioo Sympli	Biochemical and molecular analysis of <i>Pleione maculata</i> and its role in conservation of the rare, endangered medicinal epiphyte	Biotechnology	Dr. Vedant Vikrom Borah



10.	Victor Narzary	A study of land: Exploring its meaning and practices among the Bodos	Social Work	Dr. Luke Daimary
11.	Bibharani Swargiary	A study on widowhood: its status and experiences vis-à-vis Bodo movement	Social Work	Dr. Luke Daimary
12.	Alisha Lalljee	Sexual behaviour in adolescent with intellectual impairment	Psychology	Dr. Chandita Baruah
13.	Salim P	A study on the mediating effect of organisational commitment on the relationship between emotional intelligence and organisational citizenship behaviour among employees in start-up companies in Kerala	Management	Dr. Joseph I. Injodey
14.	Sankar Jyoti Nath	Police profession: Issues and challenges to meet public expectations	Management	Dr. Biju Mani Das
15.	Tirtharaj Sapkota	Addressing the energy efficient approach of routing protocols in wireless sensor network using machine learning	Computer Science and Engineering	Dr. Bobby Sharma
16.	Ritu Sakar	Effect of technological practices on the academic performance of secondary school stage pupil-teachers' and their attitude towards technological practices in Meghalaya	Education	Dr. Zacharias Tirkey
17.	Susma Das	Studies on green synthetic strategies and biological properties of some novel azolopyrimidine derivatives	Chemistry	Dr. JN Vishwakarma
18.	Bikash Agarwal	Nanotechnology based water purification processes for removal of biological and chemical contaminants	Electronics and Communication Engineering	Dr. Indrani Dakua
19.	Thumchuichan Raman	The association of personality traits, coping styles, perceived stress and the life skills intervention: Enhancing coping skills and self-efficacy among college students	Psychology	Dr. KC Kapoor
20.	Hazel Berret Wahlang	Life skills of adolescents and their attitude towards child care institutions of Meghalaya in relation to gender, mental health and emotional intelligence: A study	Social Work	Dr. KC Kapoor



21.	Eniro Murry	A study on clan politics in Nagaland with special reference to the Lotha Nagas of Wokha district	North East India Studies	Dr. Dominic Meyieho
22.	Shajan Noronha D	A semiotic analysis of urban youth culture in select Indian English novels	English	Dr. Nabamita Das
23.	Rene Barbie Browne	Computational studies of plan-based compounds as potential lead candidates against drug-resistant prostate cancer	Biochemistry	Dr. Jayanti Datta Roy

### Report of Ongoing Research/Outreach/Capacity Projects

Sl No	Name of the Principal Investigator	Dept.	Name of the Funding agency	Year of Award	Funds sanctioned (INR)	Project Type
1	Monjib Mochahari	Mass Comm	DataLEADS	2018	103391	Capacity Building
2	Dr. Supriyo Sen	BioSciences	DST SERB	2019	2800000	Research
3	Dr. Bikramjit Goswami	EEE	AICTE	2019	1005000	Research
4	Dr. Hemashree Bordoloi	ECE	AICTE	2019	350000	Research
5	Monjib Mochahari	Mass Comm	UNICEF	2019	21,29,480	Capacity Building
6	Dr. Bobby Sharma	CSE	Assam Down Town University	2019	200000	Research
7	Dr. Subhasish Roy	Chemistry	Science and Engineering Research Board	2020	1830000	Research
8	Vijay Prasad	Computer Applications	AICTE	2020	476668	Capacity Building
9	Rupesh Mandal	CSE	North Eastern Space	2020	421500	Research



			Application Centre, Dept. of Space, ISRO			
10	Nupur Choudhury	CSE	DST (Seed Division)	2020	4025516	Research
11	Dr. Vedant Vikrom Borah	BioSciences	ASTEC	2021	10000	Research
12	Dr. Nibedita Kapil	Chemistry	DST	2021	2703024	Research
13	Karen Das	CSE	Assam Science Technology and Environment Council	2021	10000	Research
14	Arup Baruah	CSE	ASTEC	2021	10000	Research
15	Arup Baruah	CSE	AICTE	2021	230000	Research
16	Dr. Bobby Sharma	CSE	ASTEC	2021	611000	Research
17	Dr. Bobby Sharma	CSE	RPS-NER, AICTE	2021	611667	Research
18	Dr. Papul Changmai	EEE	All India Council for Technical Education (AICTE), New Delhi	2021	1291000	Research
19	Monjib Mochahari	Mass Comm	Ministry of Culture, Government of India	2021	500000	Research
20	Dr. Ridip Sarma	Mathematics	NORTH EASTERN COUNCIL	2021	180000	Research
21	Dr. Syed Sazzad Ahmed	CSE	AICTE	2021	295000	Research
22	Monjib Mochahari	Mass Comm	UNICEF	2021	9263500	Capacity Building,



						Outreach
23	Dr. Bibharani Swargiary	Social Work	International union Against Tuberculosis and Lung Disease (The UNION)	2021	765000	Research
24	Dr. Ranjita Chanda	Education	UNISERVITATE & ADBU	2021	66000	Research, Outreach
25	Dr. Jyotirmoy Sarma	Chemistry	Service learning project- UNISERVITATE programme, ADBU.	2022	10000	Research
26	Dr. Raj Kumar Pegu	Botany	National Medicinal Plants Board, New Delhi	2022	1080000	Capacity Building
27	Dr. Papul Changmai	EEE	ASTECC, Guwahati	2022	10000	Research
28	Dr. Zacharias Turkey	Public Admin.	Indian Institute of Public Administration (New Delhi)	2022	255000	Research
29	Dr. Jyotishman Deka	Botany	National Medicinal Plants Board	2022	1080000	Research
30	Dr. Trisha Borgohain	English	ICSSR-NERC	2022	120000	Research
31	Dr. Jyotirmoy Sarma	Chemistry	ASTECC	2022	10000	Research
32	Dr. Arup Jyoti Borah	Botany	AIC-SELCO-FOUNDATION	2022	70000	Research
33	Dr. Jane Wanry Shangpliang	Zoology	CARPE: Centre for Applied Research and People's	2022	100000	Research



			Engagement			
34	Dr. Emma Magdalene Nonglang	Zoology	Earthwatch Institute India Trust	2022	100000	Research
35	Dr. Chandita Baruah	Psychology	Service learning project- UNISERVITATE programme, ADBU.	2022	30000	Outreach
36	Dr. Pori Das	CVE	SIELWARM-ADBU	2022	74931	Research
37	Dr. Bibharani Swargairy	Social Work	Aide-et-Action, ASSAM	2022	400000	Research
38	Dr.Tania Sur Roy	Education	Service learning fellowship- UNISERVITATE, ADBU	2022	40000	Outreach
39	Dr. Jane Wanry Shangpliang	Zoology	EMEQ, DST SERB	2023	30,58,000	Research
40	Monjib Mochahari	Mass Comm	UNICEF	2023	73,58,950	Capacity Building
<b>Grand Total</b>					<b>31138197</b>	



# University at a Glance: Statistics

## PROGRAMMES OF STUDY

In the University, currently 1 diploma, 26 graduate, 21 post-graduate and 26 doctoral programmes are being offered on campus. 4 graduate and 9 post-graduate programmes are being offered online through DBU Global. The details are given in the tables 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 - Civil Engineering (Honours/Minor)
3	Bachelor of Technology	BTECH - Computer Science and Engineering
4	Bachelor of Technology	BTECH - Computer Science and Engineering (Honours/Minor)
5	Bachelor of Technology	BTECH - Electrical and Electronics Engineering
6	Bachelor of Technology	BTECH - Electrical and Electronics Engineering (Honours/Minor)
7	Bachelor of Technology	BTECH - Electronics and Communication Engineering
8	Bachelor of Technology	BTECH - Electronics and Communication Engineering (Honours/Minor)
9	Bachelor of Technology	BTECH - Mechanical Engineering
10	Bachelor of Computer Applications	BCA - Computer Applications
<b>School of Commerce and Management</b>		
11	Bachelor of Commerce	BCOM (Honours)
12	Bachelor of Business Administration	BBA (Honours)
<b>School of Humanities and Social Sciences</b>		
13	Bachelor of Arts	BA – Philosophy
14	Bachelor of Arts	BA (Honours) – Economics
15	Bachelor of Arts	BA (Honours) – English
16	Bachelor of Arts	BA (Honours) – Psychology
17	Bachelor of Arts	BA (Honours) – Education
18	Bachelor of Arts	BA (Honours) – Mass Communications
19	Bachelor of Arts	BA (Honours) – Public Administration
<b>School of Fundamental and Applied Sciences</b>		
20	Bachelor of Science	BSC (Honours) – Physics
21	Bachelor of Science	BSC (Honours) – Chemistry
22	Bachelor of Science	BSC (Honours) – Mathematics
<b>School of Life Sciences</b>		
23	Bachelor of Science	BSC (Honours) – Botany
24	Bachelor of Science	BSC (Honours) – Zoology
<b>School of Professional Studies</b>		
25	Bachelor of Science	BSc in Hospitality and Hotel Management



26	Bachelor of Pharmacy	(B. Pharm)
27	Diploma in Pharmacy	(D. Pharm)
<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 Computer Applications	MCA - Computer Applications
<b>School of Commerce and Management</b>		
5	Master of Commerce	MCOM
6	Master of Business Administration	MBA - Business Administration
<b>School of Humanities and Social Sciences</b>		
7	Master of Social Work	MSW - Social work
8	Master of Arts	MA Education (Educational Leadership)
9	Master of Science	MSC Psychology (Counselling Psychology)
10	Master of Science	MSC Psychology (Clinical Psychology)
11	Master of Arts	MA English
12	Master of Arts	MA Public Administration
13	Master of Arts	MA Mass Communication
<b>School of Fundamental and Applied Sciences</b>		
14	Master of Science	Physics
15	Master of Science	Chemistry
16	Master of Science	Mathematics
<b>School of Life Sciences</b>		
17	Master of Science	Biochemistry
18	Master of Science	Biotechnology
19	Master of Science	Microbiology
20	Master of Science	Botany
21	Master of Science	Zoology
<b>Doctoral Programmes</b>		
<b>School of Technology</b>		
1	Doctoral Programme	PHD - Computer Science and Engineering
2	Doctoral Programme	PHD - Computer Applications
3	Doctoral Programme	PHD - Civil Engineering
4	Doctoral Programme	PHD - Electrical and Electronics Engineering
5	Doctoral Programme	PHD - Electronics and Communications Engineering
6	Doctoral Programme	PHD – Mechanical Engineering
<b>School of Commerce and Management</b>		
7	Doctoral Programme	PHD – Management
8	Doctoral Programme	PHD – Economics
9	Doctoral Programme	PHD – Commerce
<b>School of Humanities and Social Sciences</b>		



10	Doctoral Programme	PHD - Social Work
11	Doctoral Programme	PHD - Mass Communication
12	Doctoral Programme	PHD - Language Studies
13	Doctoral Programme	PHD - Comparative Religion
14	Doctoral Programme	PHD - North East India Studies
15	Doctoral Programme	PHD – Philosophy
16	Doctoral Programme	PHD – Education
17	Doctoral Programme	PHD – Public Administration
18	Doctoral Programme	PHD -Psychology and Counselling
<b>School of Fundamental and Applied Sciences</b>		
19	Doctoral Programme	PHD – Physics
20	Doctoral Programme	PHD - Chemical Sciences
21	Doctoral Programme	PHD – Mathematics
<b>School of Life Sciences</b>		
22	Doctoral Programme	PHD – Biotechnology
23	Doctoral Programme	PHD – Biochemistry
24	Doctoral Programme	PHD – Microbiology
25	Doctoral Programme	PHD – Botany
26	Doctoral Programme	PHD – Zoology

## DBU GLOBAL

Sl. No.	Programmes	Degree and Discipline
1	Bachelor of Arts	BA - Philosophy
2	Bachelor of Business Administration	BBA
3	Bachelor of Commerce	BCOM
4	Bachelor of Computer Applications	BCA
5	Master of Science in Information Technology	MSC
6	Master of Business Administration	MBA
7	Master of Arts	Philosophy
8	Master of Computer Applications	MCA
9	Master of Arts	MA - Education
10	Master of Arts	MA - Human Rights
11	Master of Arts	MA - Mass Communication
12	Master of Commerce	MCOM
13	Master of Social Work	MSW

## STUDENT DISTRIBUTION

### On Campus

Programmes	F	M	Grand Total
Bachelor of Arts in Economics	29	47	76
Bachelor of Arts in Education	17	18	35
Bachelor of Arts in English	113	49	163



Bachelor of Arts in Mass Communication	49	44	93
Bachelor of Arts in Public Administration	47	81	128
Bachelor of Arts in Philosophy	25	57	82
Bachelor of Arts in Psychology	161	46	207
Bachelor of Business Administration	65	139	204
Bachelor of Business Administration- Aviation	2	5	7
Bachelor of Computer Applications	30	121	151
Bachelor of Commerce	69	112	181
Bachelor of Pharmacy	54	39	93
Bachelor of Science in Botany	14	12	26
Bachelor of Science in Chemistry	9	7	16
Bachelor of Science in Hospitality and Hotel Administration	17	31	48
Bachelor of Science in Mathematics	20	13	33
Bachelor of Science in Physics	7	18	25
Bachelor of Science in Zoology	41	34	75
Bachelor of Technology in Computer Science and Engineering	52	190	242
Bachelor of Technology in Civil Engineering	73	194	267
Bachelor of Technology in Electronics and Communication Engineering	6	26	32
Bachelor of Technology in Electrical and Electronics Engineering	21	59	80
Bachelor of Technology in Mechanical Engineering	3	46	49
Diploma in Pharmacy	10	18	28
Master of Arts in Economics	54	36	90
Master of Arts in Education	40	17	57
Master of Arts in English	106	29	135
Master of Arts in Mass Communication	10	12	22
Master of Arts in Public Administration	37	21	58
Master of Business Administration	29	32	61
Master of Computer Applications	36	76	112
Master of Commerce	55	42	97
Master of Science in Biochemistry	14	2	16
Master of Science in Biotechnology	10	7	17
Master of Science in Botany	67	31	98
Master of Science in Chemistry	55	16	71
Master of Science in Mathematics	30	39	69
Master of Science in Microbiology	23	15	38
Master of Science in Physics	24	28	52
Master of Science in Psychology	63	20	83
Master of Science in Zoology	75	24	99
Master of Social Work	124	60	184
Master of Technology in Computer Science and Engineering	1	5	6
Master of Technology in Electronics and Communication Engineering		3	3
Master of Technology in Electrical and Electronics Engineering	2	6	8



Doctor of Philosophy - PHD	179	152	331
<b>Grand Total</b>	<b>1968</b>	<b>2078</b>	<b>4047</b>

### DBU GLOBAL

Programmes	F	M	Grand Total
Bachelor of Business Administration	30	85	115
Bachelor of Commerce	3	12	15
Bachelor of Computer Applications	8	51	59
Master of Business Administration	73	218	291
Master of Arts in Education	4	10	14
Master of Arts in Human Rights	5	10	15
Master of Arts in Mass Communication	4	2	6
Master of Commerce	4	4	8
Master of Computer Applications	5	12	17
Master of Science in Information Technology	3	30	33
Master of Social Work	2	5	7
PG Diploma/Diploma/Certificates		1	1
<b>Grand Total</b>	<b>141</b>	<b>440</b>	<b>581</b>

### GRADUATING STUDENTS

FROM CAMPUS PROGRAMMES	DEGREE	TOTAL
Bachelor of Technology (Computer Science Engineering)	BTECH	37
Bachelor of Technology (Electrical and Electronics Engineering)	BTECH	12
Bachelor of Technology (Electronics and Communications Engineering)	BTECH	2
Bachelor of Technology (Civil Engineering)	BTECH	71
Bachelor of Technology (Mechanical Engineering)	BTECH	9
Bachelor of Computer Applications	BCA	48
Bachelor of Commerce (Honours)	BCOM (Hon)	34
Bachelor of Business Administration	BBA	53
Bachelor of Philosophy	BA	40
Bachelor of Arts (Honours) Economics	BA (Hon)	22
Bachelor of Arts (Honours) Education	BA (Hon)	18
Bachelor of Arts (Honours) Mass Communication	BA (Hon)	28
Bachelor of Arts (Honours) English	BA (Hon)	61
Bachelor of Arts (Honours) Psychology	BA (Hon)	58
Bachelor of Science (Honours) Physics	BSC (Hon)	7
Bachelor of Science (Honours) Chemistry	BSC (Hon)	7
Bachelor of Science (Honours) Mathematics	BSC (Hon)	11
Bachelor of Science (Honours) Botany	BSC (Hon)	10
Bachelor of Science (Honours) Zoology	BSC (Hon)	27
Master of Technology (Electrical and Electronics Engineering)	MTECH	6
Master of Technology (Electronics and Communications Engineering)	MTECH	3
Master of Technology (Civil Engineering)	MTECH	9
Master of Computer Applications	MCA	58
Master of Business Administration	MBA	35



Master of Commerce	MCOM	47
Master of Social Work	MSW	112
Master of Science in Psychology (Psychological Counselling)	MSC	48
Master of Arts in Education (Educational Leadership)	MA	17
Master of Arts in English	MA	60
Master of Arts in Mass Communication	MA	13
Master of Arts in Public Administration	MA	22
Master of Arts in Economics	MA	34
Master of Science in Physics	MSC	44
Master of Science in Mathematics	MSC	47
Master of Science in Chemistry	MSC	39
Master of Science in Biotechnology	MSC	5
Master of Science in Biochemistry	MSC	6
Master of Science in Microbiology	MSC	20
Master of Science in Botany	MSC	51
Master of Science in Zoology	MSC	56
Doctor of Philosophy	PhD	23
<b>TOTAL</b>		<b>1310</b>
<b>FROM DBU GLOBAL PROGRAMMES</b>	<b>DEGREE</b>	<b>TOTAL</b>
Bachelor of Business Administration	BBA	24
Bachelor of Computer Applications	BCA	14
Bachelor of commerce	BCOM	2
Master of Business Administration	MBA	71
Master of Computer Applications	MCA	2
Master of Arts in Education	MA	5
MA- Human Rights	MA	3
Master of Science – Information Technology	MSC -IT	11
Master of Social Work	MSW	1
Certificate in Management	Certificate	2
Diploma in Supply Chain Management/ Business Administration/ Human Resource Management	Diploma	1
Post Graduate Diploma in Management	PG Diploma	3
<b>TOTAL</b>		<b>139</b>
<b>GRAND TOTAL</b>		<b>1449</b>

<b>2023 UNIVERSITY GOLD MEDALISTS</b>			
<b>PROGRAMME</b>	<b>STUDENT ID</b>	<b>NAME</b>	<b>CGPA</b>
Bachelor of Arts in Economics	DU2020BAS0230	Justina Kasomwung	8.81
Bachelor of Arts in Education	DU2020BAS0122	Shreya Chowdhury	8.96
Bachelor of Arts in English	DU2020BAS0088	Daisy Ramchiary	8.29
Bachelor of Arts in Mass Communication	DU2020BAS0233	Sonakshi Gupta	8.16
Bachelor of Arts in Philosophy	DU2020BAS0246	Biljakson Marbaniang	9.27
Bachelor of Arts in Psychology	DU2020BAS0015	Radhika More	9.32
Bachelor of Business Administration	DC2020BBA0001	Prolop Saha	9.27
Bachelor of Computer Applications	DC2020BCA0050	Nagesh Kumar Jha	8.87
Bachelor of Commerce	DC2020BCM0028	B.K. Rangponga John	9.07
Bachelor of Science in Botany	DU2020BSC0024	Rajlaxmi Kashyap	9.09
Bachelor of Science in Chemistry	DU2020BSC0037	Namrota Choudhury	8.27
Bachelor of Science in Mathematics	DU2020BSC0002	Alicia Lalrinpui	9.66



Bachelor of Science in Physics	DU2020BSC0049	Josh P.S	8.60
Bachelor of Science in Zoology	DU2020BSC0079	Linthoi Ngairangbam	9.01
Bachelor of Technology in Computer Science and Engineering	DC2019BTE0013	Priyanka Chettri	9.30
Bachelor of Technology in Civil Engineering	DC2020BTE0048	Ranisha Syiemlieh	9.35
Bachelor of Technology in Electrical and Electronics Engineering	DC2019BTE0088	Prasanjit Raj Chakraborty	8.85
Bachelor of Technology in Mechanical Engineering	DC2019BTE0063	Partha Protim Patir	8.01
Master of Arts in Economics	DU2021MAS0048	Daina Sumer	9.04
Master of Arts in Education	DU2021MAS0001	Hetti Arachchige Shirantha Madushan Perera	8.17
Master of Arts in English	DU2021MAS0052	Jereeta Khoisnam	8.25
Master of Arts in Mass Communication	DU2021MAS0091	Bhinu Kumar N M	8.25
Master of Arts in Public Administration	DU2021MAS0105	Baiaiphynrai Nongkhlaw	8.64
Master of Business Administration	DI2021MBA0032	Dorothy Roy Tariang	8.80
Master of Computer Applications	DC2021MCA0038	Bapynshngainlang Nongkynrih	8.70
Master of Commerce	DC2021MCM0006	Veralana Veema Syngkon	8.58
Master of Science in Botany	DU2021MSC0276	Dolly Tourangbam	9.26
Master of Science in Chemistry	DU2021MSC0269	Balasuklang Khyriemmuat	9.02
Master of Science in Mathematics	DU2021MSC0229	Daphisha Shongwan	9.06
Master of Science in Microbiology	DU2021MSC0335	Jinty Paul	8.67
Master of Science in Physics	DU2021MSC0155	Jilmi Raingam	8.61
Master of Science in Psychology	DU2021MSC0053	Disha Sharma	9.06
Master of Science in Zoology	DU2021MSC0231	Chandan Das	9.25
Master of Social Work	DU2021MSW0020	Queen Borah	8.83
Master of Technology in Civil Engineering	DC2021MTC0007	Himakshi Das	9.50
Master of Technology in Electrical and Electronics Engineering	DC2021MTC0003	Rajesh Rishi	9.18

### SPECIAL AWARDS

1. **The Fr. Stephen Mavelly's Gold Medal** is awarded to Dapboklang Rynjah , MSC Microbiology, from the Department of Bioscience, for the best graduating student who has demonstrated Academic Excellence, Positive Influence on the Student Community and Campus Life of the University, Social Commitment, and Successful Participation in the Co-curricular and Extra-Curricular Activities.
2. **The JN Bawri Medal of Distinction** is awarded to Priyanka Chettri, BTECH Computer Science and Engineering from the department of Computer Science and Engineering, for Scholastic Brilliance, Positive Influence on the Student Community and Campus Life of the University, Leadership Abilities and Social Commitment.
3. **Partha De Gold Medal** is awarded to Disha Sharma, MSC Psychology -Phycological Counselling, for outstanding academic achievement, a deep understanding of the field of psychology, and a commitment to helping others through psychological counselling.
4. **The Chancellor's Gold Medal** is awarded to Himakshi Das, MTech Civil Engineering, from the Department of Civil Engineering for securing the highest CGPA among the recipients of the Master's Degree.
5. **The Vice-Chancellor's Gold Medal** is awarded to Alicia Lalrinpui, BSC Mathematics from



*the Department of Mathematics for securing the highest CGPA among the recipients of the Bachelor's Degree.*

### TEACHING STAFF

Faculty	Regular		Adjunct		Visiting	
	Male	Female	Male	Female	Male	
Professor	28	4	0	0	0	32
Associate Professor	14	8	0	0	1	23
Assistant Professor	93	73	0	0	0	166
Total	135	85	0	0	1	221

### NON TEACHING STAFF

Staff Members	Male	Female	Total
Senior Administrative Staff	6	0	6
Mid-Level Administrative Staff	12	14	26
Library Staff	3	4	7
Office Staff	12	6	18
Technical Staff	30	1	31
Service Staff	23	25	48
<b>TOTAL</b>	<b>86</b>	<b>50</b>	<b>136</b>



# Financial Statements of 2022-2023



H.K.AGRAWALA  
& ASSOCIATES  
CHARTERED ACCOUNTANTS

## AUDITOR'S REPORT

### Opinion

We have audited the financial statements of ASSAM DON BOSCO UNIVERSITY, (A UNIT OF DON BOSCO SOCIETY, AZARA ) which comprise the Balance Sheet as at March 31, 2023, Income & Expenditure Account and Receipt and Payments Account the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the entity as at March 31, 2023, and of its financial performance for the year then ended in accordance with the Generally Accepted Accounting Principles.

### Basis for Opinion

We conducted our audit in accordance with Standards on Auditing (SAs). Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the entity in accordance with the ethical requirements that are relevant to our audit of the financial statements, and we have fulfilled our other responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the Generally Accepted Accounting Principles, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the entity's financial reporting process.

### Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

For M/s H.K.Agrawala and Associates  
Chartered Accountants  
FRN 319293U

Dated: 14-07-2023  
Place: Guwahati



CA HARISH KR. AGRAWALA  
Partner  
Membership No. 054776  
UDIN NO: 23054776BGYWCT6110

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