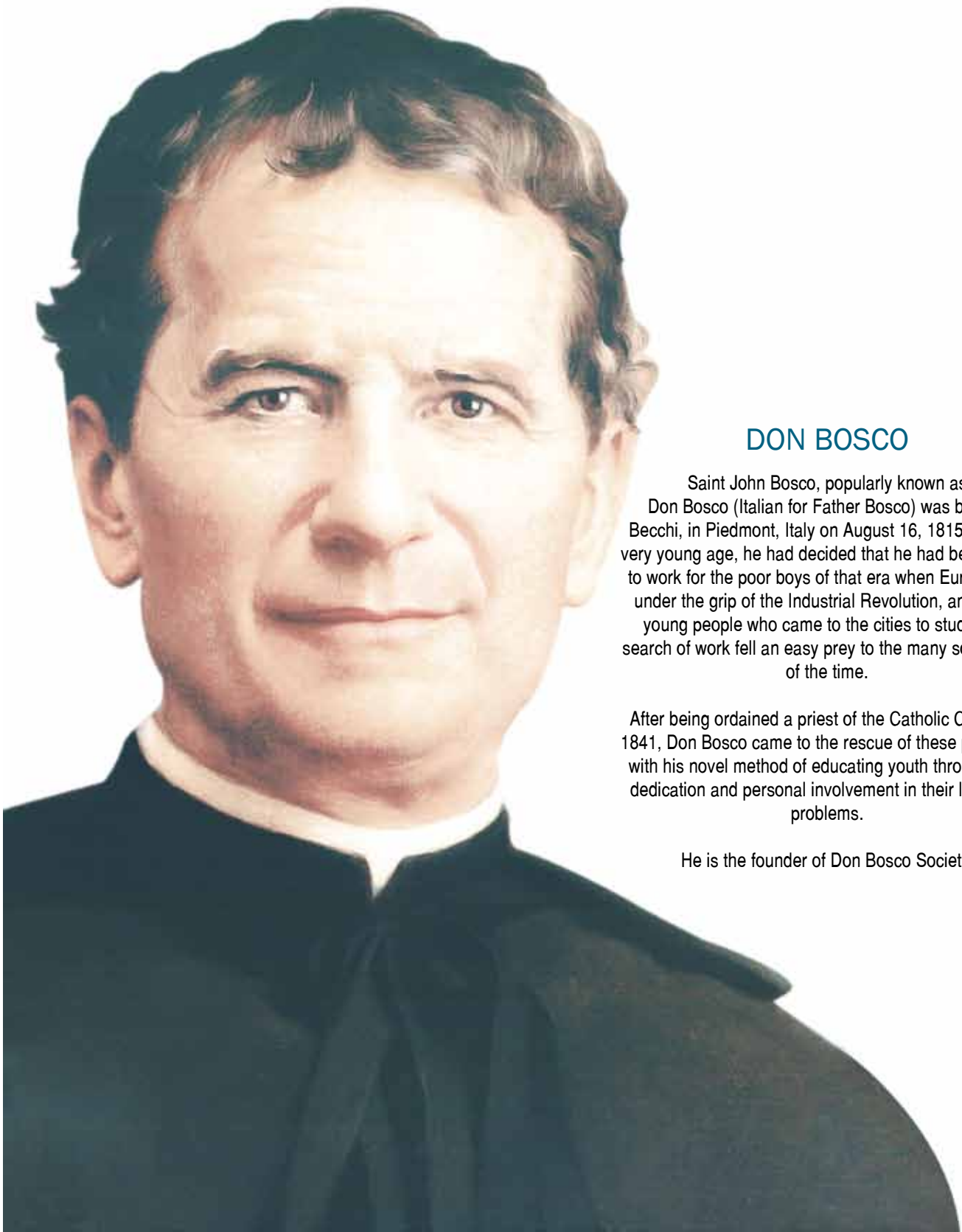# Prospectus 2019

ASSAM
**DON BOSCO
UNIVERSITY**
ACCREDITED BY NAAC

DON BOSCO

Saint John Bosco, popularly known as Don Bosco (Italian for Father Bosco) was born at Becchi, in Piedmont, Italy on August 16, 1815. From a very young age, he had decided that he had been called to work for the poor boys of that era when Europe was under the grip of the Industrial Revolution, and many young people who came to the cities to study or in search of work fell an easy prey to the many social evils of the time.

After being ordained a priest of the Catholic Church in 1841, Don Bosco came to the rescue of these poor boys with his novel method of educating youth through total dedication and personal involvement in their lives and problems.

He is the founder of Don Bosco Society.

VICE CHANCELLOR'S MESSAGE

Thank you for your interest in Don Bosco University, Assam, India!

As the first university in the English-speaking world of the worldwide family of the Salesians of Don Bosco, we have set very high goals for ourselves. We are a young university – but we nurse big dreams, and strive to achieve them.

If you are looking for a place to study, and dream of receiving quality education, Don Bosco University is the place for you because:

Your success is our goal
There is no other reason for the University's existence as indicated on our coat-of-arms – that you grasp every opportunity that comes your way (*carpe diem*) that you may begin to live 'life in its fullness'.

We believe that education is more than just academics
We are interested in developing the whole person – academically, professionally, socially and spiritually. To ignore any of these aspects is to provide an education which is incomplete.

We are committed to grooming truly global citizens
We believe that the world is your stage and that our graduates should be truly global citizens who are not only dependable themselves but are also active agents of social transformation wherever they find themselves in the world.

Together we can indeed change the world!
Here at the University, we believe that changing the world begins with changing and developing oneself. We will provide you with every opportunity/tool for that.

At the University you will find:
a) a spiritual, personal, responsive and transformational learning community, distinguished by academic excellence and caring;
b) a close-knit team of committed men and women who form our faculty;
c) a curriculum that is regularly evaluated and updated to respond to the fast-changing world of today; and,
d) ample opportunities for personal growth and development.

You will be excited to study at Don Bosco University and its various Schools:
School of Commerce and Management
School of Fundamental and Applied Sciences
School of Humanities and Social Sciences
School of Life Sciences
Centre for Online & Distance Education (DBU-GLOBAL)
School of Technology

It will be a distinct pleasure for us to welcome you to Don Bosco University!

Fr (Dr.) Stephen Mavely
Vice Chancellor

ASSAM DON BOSCO UNIVERSITY

TAPESIA CAMPUS
Kamarkuchi, Sonapur, Off NH 37
Guwahati - 782 401

AZARA CAMPUS
Airport Road, Azara
Guwahati - 781 017

KHARGULI CAMPUS
Joypur, Kharguli
Guwahati - 781 004

+91 94355 45754 / +91 94766 90950 /+91 94357 09585   admissions@dbuniversity.ac.in   www.dbuniversity.ac.in

University College Dublin Student Volunteers & DBU Student Volunteers
(International Student Volunteers Exchange Programme)

INTERNATIONAL COLLABORATIONS

University of
Chester, UK

Asian Institute of
Technology
Bangkok

DeSales University
Pennsylvania, USA

Bangkok University
Bangkok

University of Fribourg
Switzerland

University College
Dublin, Ireland

ACCREDITATION, APPROVALS, CERTIFICATION, MEMBERSHIPS

NAAC UGC AICTE DEB ISO IAU IUS ACU AIU

CONTENTS

PROGRAMMES OF STUDY

The University offers a variety of Academic Programmes in Engineering, Commerce, Management, Science, Social Sciences and Humanities both as campus programmes and Distance Education – DBU Global.

GRADUATE PROGRAMMES

SCHOOL OF TECHNOLOGY
BTech - Computer Science and Engineering
BTech - Electrical and Electronics Engineering
BTech - Electronics and Communication Engineering
BTech - Civil Engineering
BTech - Mechanical Engineering
BCA – Bachelor of Computer Applications

SCHOOL OF FUNDAMENTAL AND APPLIED SCIENCES
BSc (Honours) – Chemistry, Mathematics, Physics

SCHOOL OF LIFE SCIENCES
BSc (Honours) - Botany, Zoology

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
BA (Honours) – Education, English, Mass Communication, Psychology

SCHOOL OF COMMERCE AND MANAGEMENT
BCom - Bachelor of Commerce
BBA - Bachelor of Business Administration
BA (Honours) Economics

POST GRADUATE PROGRAMMES

SCHOOL OF TECHNOLOGY
MTech - Computer Science and Engineering
MTech - Electrical and Electronics Engineering
MTech - Electronics and Communication Engineering
MCA - Master of Computer Applications

SCHOOL OF FUNDAMENTAL AND APPLIED SCIENCES
MSc Physics
MSc Chemistry
MSc Mathematics

SCHOOL OF LIFE SCIENCES
MSc Biochemistry
MSc Biotechnology
MSc Botany
MSc Microbiology
MSc Zoology

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
MA - Education (Educational Leadership / Educational Psychology)
MA - English
MA - Mass Communication (Electronic Media, Print Media, Communication for Development)
MSc - Psychology
MSW - Master of Social Work (Medical and Psychiatric Social Work, Family and Child Welfare, Child Rights and Child Protection , Community Development, Human Resource Management - Management of Development Organizations)

SCHOOL OF COMMERCE AND MANAGEMENT
MBA - Master of Business Administration
MCom - Master of Commerce

DOCTORAL PROGRAMMES

- Biochemistry, Biotechnology, Microbiology, Zoology
- Chemical Sciences, Mathematics, Physics
- Comparative Religion, Language Studies, Mass Communication, North East India Studies, Education, Philosophy, Psychology and Counselling, Social Work
- Commerce, Economics, Management
- Computer Science Engineering, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering

ONLINE & DISTANCE EDUCATION PROGRAMMES

Bachelor of Arts (Philosophy), Bachelor of Business Administration, Bachelor of Commerce, Bachelor of Computer Applications, Master of Science (Information Technology), Master of Business Administration, Master of Arts (Philosophy), Master of Computer Application, Master of Arts (Education), Master of Arts (Human Rights), Master of Arts (Mass Communication), Master of Commerce, Master of Social Work

Fulbright Specialists & Distinguished Academicians at the University

Prof. Alice K. Butterfield

Prof. Alice K. Butterfield from Jane Addams College of Social Work, University of Illinois, Chicago, is visiting Assam Don Bosco University in the month of July 2019 for research collaborations and projects that she will be undertaking with the faculty and with development organizations here in Assam.

She had visited the University in August 2017 as a Fulbright Specialist and had delivered lectures for students as well as faculty in the areas of asset based community development, qualitative research, action research, building university-community partnership and social development. She has to her credit a good number of publications in Journals and has authored several books. She is also the recipient of a number of prestigious awards.

Prof. Andrew Carlson

Prof. Andrew Carlson is an Associate Professor in the School of Communication, Writing and the Arts at Metropolitan State University in Saint Paul, Minnesota, USA. He teaches courses in new media, communication, and designing online education. He is also an experienced C4D, SBCC Consultant.

He will be visiting the University as a Fulbright Specialist in the months of July-August 2019 and will be teaching in the Department of Mass Communication.

Prof. Ursula Fasselt

Prof. Ursula Fasselt is a visiting professor to Assam Don Bosco University and was here in 2016 for a period of 3 months (August – October). She is currently teaching in Frankfurt University of Applied Sciences and her core areas of teaching and publishing are Social Law and Human Rights with focus on Child Rights and Protection.

She will be visiting the University in the month of October 2019 for organizing a 'Summer School' in collaboration with the department of social work. The summer school is funded by DAAD, Germany.

Prof. Roberto Ravera & Dr. Martina Ardizzi

Prof. Roberto Ravera specialized in Clinical Psychotherapy and Dr. Martina Ardizzi, a post-doctoral fellow and researcher in the field of Neuropsychology, from the University of Parma, Italy will be visiting Assam Don Bosco University in September 2019 for research collaboration and for conducting a certificate programme on Behavioural Neuroscience with the department of Psychology and Counselling.

Prof. Roberto and Dr. Martina Ardizzi were here in the University for a period of 1 month in 2018 and were engaged in delivering lectures and conducting workshops for students as well as faculty members.

SCHOOL OF TECHNOLOGY

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

Bachelor of Technology (BTech)

BTech offered by the University is a 4-year (8 Semester) AICTE approved programme(F.No. Eastern/1-3508936727/2018/EOA dated 4th April 2018) leading to the award of the degree of Bachelor of Technology. The Bachelor's Degree in Technology is offered in five branches:

Civil Engineering

Civil engineering is the broadest of the engineering fields. Civil engineering focuses on infrastructure which includes Water works, Sewers, Dams, Power Plants, Transmission Towers/Lines, Railroads, Highways, Bridges, Tunnels, Irrigation Canals, River Navigation, Shipping Canals, Traffic Control, Mass Transit, Airport Runways, Terminals, Industrial Plant Buildings, Skyscrapers, etc. Among the important subdivisions of the field are structural engineering, water resources engineering, transportation engineering, geotechnical engineering and environmental engineering. Civil engineers craft world's infrastructure. With the boom in infrastructure development the demand for civil engineers remains ever high.

Mechanical Engineering

Mechanical Engineering is the primary force fuelling the advancement of human society since the beginning of civilization. Embedded in every aspect of industrial development and human prosperity, mechanical engineering finds application in the fields of automotive, aerospace, energy, oil, defence sector etc. Mechanical Engineers are highly sought after by government organizations like IOCL, ONGC, NTPC, BHEL, ISRO, DRDO, HAL, BARC, Indian Railways etc. Mechanical engineering graduates find opportunities in software engineering as well. The department imparts comprehensive foundation in mechanical engineering through various courses in the fields of fluid and thermal sciences, design and manufacturing. Apart from the core activities, the department also conducts regular symposiums, workshops, industrial visits and hands-on sessions to inculcate practical knowledge that aligns with the needs of the industry.

Computer Science and Engineering

Computer engineers are involved in the design, implementation, and application of computing systems and networks. They apply electronics engineering techniques and computer science concepts to develop dependable and cost-effective hardware and software systems. Computer engineering is the fastest growing area within engineering. It is also a field that offers a wide variety of challenging and interesting careers, including research, design and development of the electronic or software components of computer systems and android applications.

Electrical and Electronics Engineering

Electrical and electronics engineering is one with the greatest employment potential within the engineering profession, and therefore one that is most sought after. These engineers design and develop electrical and electronic systems and devices such as communications equipment, integrated circuits and computers. They are responsible for designing, developing, testing as well as supervising the production and deployment of electrical and electronic equipment and machinery used in broadcast and telecommunication systems, electric motors, controls of machinery, aircraft, radar and navigation systems, power generation and control and transmission devices which are used by electrical utilities. In short, electrical engineering covers all facets of electrical energy right from generation to transmission to distribution.

Electronics and Communication Engineering

The Electronics and Communications Engineering programme emphasizes on acquiring technical skills that are required to design, develop, install, test and maintain electronics and communication systems. VLSI design, embedded systems, digital and analog communication, control systems, wireless communication, fiber optic communication, signal processing and audio and video communication technologies are core areas of study in this discipline. Modern electronics and communication industry is growing at a phenomenal rate and there is a great demand for trained professionals in these areas. The employment avenues for them include design and fabrication of integrated chip, data and telecommunications services, research and development, TV and satellite services and the entertainment industry.

Number of Seats

60 seats in each discipline

Minimum Eligibility Criteria

- Passed Higher Secondary School Leaving Examination (or equivalent) with 45% of the aggregate and 45% of the aggregate of Physics, Chemistry and Mathematics
- JEE(Mains), any State Entrance Test or the Don Bosco University Graduate Entrance Test

Admission Procedure

Location

Azara Campus

BTech - Lateral Entry

Limited seats are available for direct admission into the third semester of BTech for Diploma Holders from AICTE approved Polytechnics (45% marks) and BSc (PCM) graduates (45% marks).

Eligibility Criteria

- 45% at 3 Year Diploma or 45% at BSc.
- Valid scores from Don Bosco University Graduate Entrance Test (DBU-GET) – mandatory requirement.

Bachelor of Computer Applications (BCA)

The BCA programme is an innovative industry-ready programme with specializations in the emerging areas of Information Technology such as Cloud Technology, Information Security and Mobile Applications. Students who successfully complete three years of study shall be awarded the Bachelor's Degree in Computer Applications (BCA) and those who continue with MCA, on successful completion of two more years shall be awarded Master's Degree in Computer Applications (MCA).

Eligibility Criteria

1. Passed Higher Secondary School Leaving Examination (or equivalent) in any stream with 45% in the aggregate. Those who have pursued Mathematics at Class XII will have an advantage.
2. Candidates must appear for a personal interview

Number of Seats

60 seats

Admission Procedure

Location

Azara Campus

COURSE STRUCTURE

Semester I
Communicative English I

Computer Fundamentals
Computer Programming in C Language
Information Security Fundamentals
Basic Mathematics
Communication Practice Lab I
Computer Fundamentals lab
Computer Programming in C lab
Extra Academic Programmes

Semester II	Basic Software Engineering
Communicative English II	Probability theory
Data Structures Using C	Theory of computation
Network Fundamentals	Object Oriented Programming and Design
Web Technologies	RDBMS Lab
Digital Logic Design	Basic Software Engineering Lab
Communicative English II lab	Object Oriented Programming and Design Lab
Data Structures using C lab	Extra Academic Programmes
Computer Networks Fundamentals lab	

Semester II

Communicative English II

Data Structures Using C

Network Fundamentals

Web Technologies

Digital Logic Design

Communicative English II lab

Data Structures using C lab

Computer Networks Fundamentals lab

Web Technologies lab

Digital Logic Design lab

Extra Academic Programmes

Semester III

Computer Organization and Architecture

Introduction to Operating Systems

System Analysis and Design

Functional Principles of Management

Introduction to Computer Graphics

Discrete Mathematics

Computer Organization and Architecture lab

Introduction to Operating Systems lab

Introduction to Computer Graphics Lab

Extra Academic Programmes

Semester IV

Relational Database Management Systems

Basic Software Engineering

Probability theory

Theory of computation

Object Oriented Programming and Design

RDBMS Lab

Basic Software Engineering Lab

Object Oriented Programming and Design Lab

Extra Academic Programmes

Semester V

Organizational Behavior

Accounting and Financial management

Data Communication

Introduction to Java Programming

Data Communication lab

Introduction to Java Programming Lab

Mini Project

Semester VI

Environmental Studies

Electives : One elective to be opted

Cloud Computing

Network Security

Mobile Communication

Major Project

Master of Computer Applications (MCA)

Master of Computer Applications is a 3-year (6-semester) AICTE approved (F.No. Eastern/1-3508936727/2018/EOA dated 4th April 2018) Master's Degree in applied computer science. It aims at producing trained professionals who can successfully meet the growing demands of the Information Technology industry. The core focus of the course is on network and internet technologies, application programming, system level programming and database management. The electives in the later semesters provide for progressive specialization in chosen areas. Adequate emphasis is given to the Open Source Software platform.

Number of Seats
60 seats

Eligibility Criteria
1. Graduation in any stream with a minimum of 50% of the aggregate marks
2. Pass marks in Mathematics or equivalent at the +2 or graduation level
3. Candidates must appear for an Entrance Test – Don Bosco University Post Graduate Entrance Test (DBU-PGET) for MCA and a Personal Interview
4. **Provisional Admission**: Applicants who have not yet obtained their Bachelor's degree also may apply for admission. Such candidates will be offered provisional admission until they furnish evidence of fulfilling the eligibility criteria stated in (1) and (2) within 3 months of the commencement of the programme.

Admission Procedure

Location
Azara Campus

MCA Lateral Entry
Candidates, who have passed B.Sc. (Computer Science/IT), BCA or BE/BTECH (CSE, IT, ECE or EEE) with a minimum of 50% marks in aggregate from any UGC/AICTE recognized University or institution may seek direct admission into the third semester of MCA programme. They must have Mathematics as a subject in H.S. (10 + 2) or equivalent.

Admission will be given on the basis of performance at an Entrance Test (Mathematics, Logical Reasoning and Programming Skills) and a Personal Interview. Opportunity of a bridge-course is offered after which a test has to be cleared for admission.

COURSE STRUCTURE

Semester I
Digital Logic Design
Programming and Problem Solving through C
Organisational Behaviour
Accounting and Financial Management
Discrete Mathematics
Programming and Problem Solving Through C Lab
Digital Logic Design Lab
Extra Academic Programmes

Semester II

Theory of Computation

Data Structures Using C ++

Object Oriented Programming and Design

Database Management Systems I

Computer Organisation and Architecture

Probability Theory

Data Structures Using C++ Lab

Object Oriented Programming and design Lab

Database Management Systems I Lab

Computer Organisation and Architecture Lab

Extra Academic Programmes

Semester III

Computer Graphics

Data Communication and Networks I

Operating Systems

Design and Analysis of Algorithms

Programming Through Java

Operating Systems Lab

Design and Analysis of Algorithms Lab

Programming Through Java Lab

Computer Graphics Lab

Extra Academic Programmes

Semester IV

Software Engineering

Data Communication and Networks II & Network Programming using Linux

Database Management Systems II

Internet Technology and Applications

System Programming

Enterprise Resource Planning

Data Communication and Networks II and Network Programming Using Linux Lab

Internet Technology and Applications Lab

Database Management Systems II Lab

System Programming Lab

Extra Academic Programmes

Semester V

Principles of Artificial Intelligence

Emerging Trends in Cloud Computing

Introduction to Research Methodology and Statistical Tools

Electives: One elective to be opted for

Cyber Law and IT Security

E-Commerce and Data Security

Data Warehousing and Data Mining

Android Application Development Fundamentals

Audit Courses

Communication Skills

Entrepreneurship

Principles of Artificial Intelligence Lab

Introduction to Research Methodology and Statistical Tools Lab

Minor Project - MCA

Semester VI

Major Project
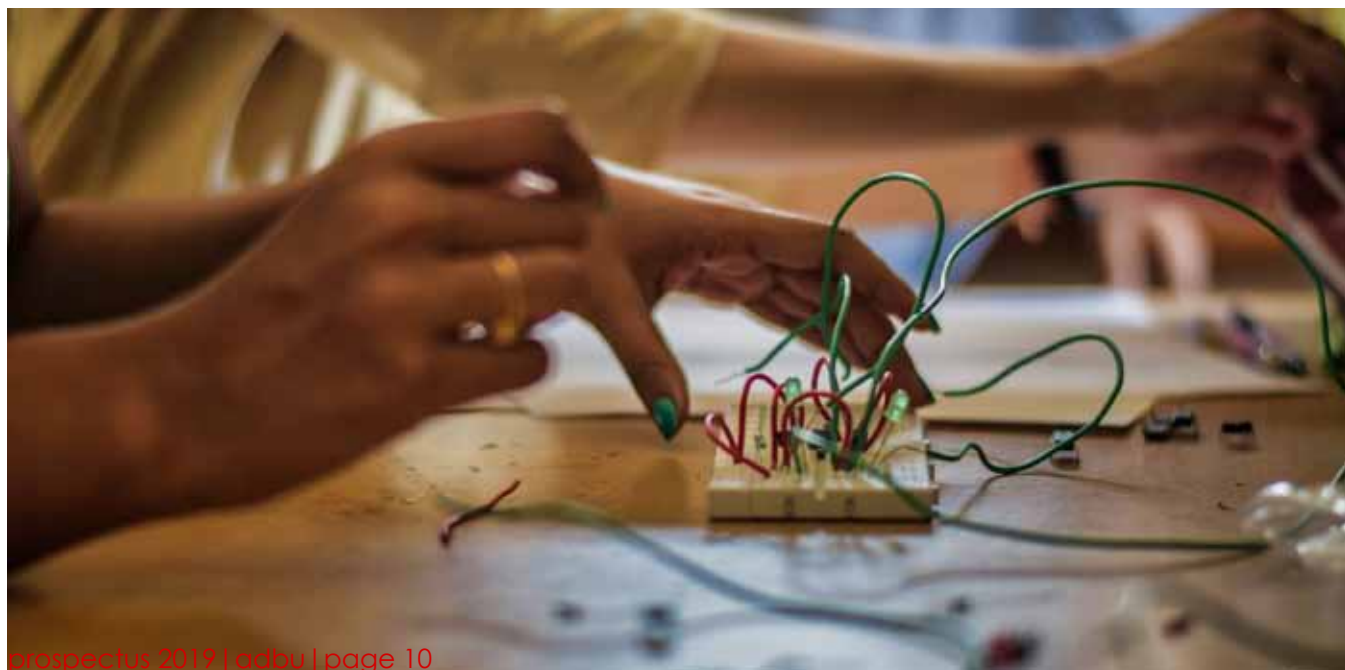
Master of Technology (MTech)

The 2-year AICTE approved (F.No. Eastern/ 1-3508936727 /2018/EOA dated 4th April 2018) MTech programme is currently offered in the disciplines of Computer Science and Engineering, Electronics and Communication Engineering, and Electrical and Electronics Engineering. These programmes are structured with very strong components of research and project work in emerging areas of the discipline. For research and project work, there are collaborative arrangements with Asian Institute of Technology (Bangkok), CROCCS (Bangkok) and Bangkok University.

Areas of Specialisation

Computer Science and Engineering
- Artificial Intelligence
- Computer Networks and Information Security
- Data Engineering

Electronics and Communication Engineering
- Optical Electronics
- Embedded Systems
- Digital Signal Processing

Electrical and Electronics Engineering
- Power Electronics and Power Systems
- Control and Instrumentation Engineering

Number of Seats
24 seats in each programme

Eligibility Criteria
Graduation/Post Graduation in an appropriate area of Engineering/Science with a CGPA of 6.5 (10 point scale) or 60% in the aggregate in the qualifying examination.

Admission Procedure
Vide page 47

Location
Azara Campus

COURSE STRUCTURE
The Course structures are under review as per AICTE PG curriculum.

SCHOOL OF FUNDAMENTAL AND APPLIED SCIENCES

Intensive insistence on mastery of the domain in theory and praxis
Proactive backing to bring creative ideas to fruition in the fabrication labs
Live projects as pre-eminent learning tools
Rigorous internships / work experience in industries and universities, national and international

Bachelor of Science (BSc)

BSc Honours (Physics, Chemistry, Mathematics) offered by the University is a 3-year (6 Semester) programme, leading to the award of the degree of Bachelor of Science. These degrees are designed to equip the aspirants with the fundamentals in Physics, Chemistry and Mathematics and application of the same in the various applied fields. One can do Bachelor of Science (Honours in Physics, Chemistry and Mathematics) with a choice of Electives from any two of these Subjects as the subsidiary options. After the completion of the programme, a student will be able to qualify for graduate level examinations like JAM/ JEST and competitive examinations for job as well as entrance examinations to pursue higher studies in the respective areas.

Number of Seats

40 seats in each programme

Eligibility Criteria

Passed Higher Secondary School Leaving Examination (or equivalent) with 45% of the aggregate of Physics, Chemistry and Mathematics.

Admission Procedure

Location

Tapesia Campus

BSc in Chemistry
COURSE STRUCTURE

Semester I

Inorganic Chemistry-I: Atomic Structure & Chemical Bonding

Physical Chemistry-I: States of Matter & Ionic Equilibrium

Inorganic Chemistry-I: Atomic Structure & Chemical Bonding - Lab

Physical Chemistry-I: States of Matter & Ionic Equilibrium - Lab

English Communication

General Elective - I
    Calculus and Differential Equations
    Algebra

Semester II

Organic Chemistry-I: Basics & Hydrocarbons

Physical Chemistry-II: Chemical Thermodynamics & its Applications

Organic Chemistry-I: Basics & Hydrocarbons

Physical Chemistry-II: Chemical Thermodynamics & its Applications - Lab

Environmental Studies

General Elective - II
    Algebra and Numerical Methods
    Differential Equations, Vector Calculus and Geometry

Semester III

Inorganic Chemistry II: s- and p-Block Elements

Organic II: Oxygen Containing Functional Groups

Physical Chemistry III: Phase Equilibria & Chemical Kinetics

Inorganic Chemistry II: s- and p-Block Elements - Lab

Organic Chemistry II: Oxygen Containing Functional Groups – Lab

Physical Chemistry III: Phase Equilibria & Chemical Kinetics - Lab

Skill Enhancement Course I (Elective)
    Basic Analytical Chemistry
    Chemo informatics
    Chemistry of cosmetics and perfumes

General Elective –III (Physics)

General Elective –III (Physics Lab)

Semester IV

Inorganic Chemistry III: Coordination Chemistry

Organic Chemistry III: Heterocyclic Chemistry

Physical Chemistry IV: Electrochemistry

Inorganic Chemistry III: Coordination Chemistry - Lab

Organic Chemistry III: Heterocyclic Chemistry - Lab

Physics Chemistry I IV: Electrochemistry - Lab

Skill Enhancement Course - Elective II
  Pesticide Chemistry
  Fuel Chemistry
  Intellectual Property Rights

General Elective IV (Physics)
  Elements of Modern Physics
  Analog Systems and Applications

General Elective IV (Physics Lab)
  Elements of Modern Physics Lab
  Analog Systems and Applications Lab

Semester V

Organic Chemistry IV: Biomolecules

Physical Chemistry V: Quantum Chemistry & Spectroscopy

Organic Chemistry IV: Biomolecules - Lab

Physical Chemistry V: Quantum Chemistry & Spectroscopy - Lab

Discipline Specific Elective I
  Applications of computers in Chemistry
  Analytical methods in Chemistry
  Applications of computers in Chemistry Lab
  Analytical methods in Chemistry Lab

Discipline Specific Elective II
  Novel Inorganic Solid
  Polymer Chemistry
  Novel Inorganic Solid Lab
  Polymer Chemistry Lab

Semester VI

Inorganic Chemistry IV: Organometallic Chemistry

Organic Chemistry V: Spectroscopy

Inorganic Chemistry IV: Organometallic Chemistry - Lab

Organic Chemistry V: Spectroscopy - Lab

Discipline Specific Elective III
  Green Chemistry
  Inorganic materials & Industrial Importance
  Green Chemistry Lab
  Inorganic materials & Industrial Importance Lab

Discipline Specific Elective IV
  Industrial Chemicals & Environment
  Research methodology for Chemistry
  Industrial Chemicals & Environment Lab
  Research methodology for Chemistry Lab

BSc in Mathematics
COURSE STRUCTURE

Semester I

Calculus

Algebra

English Communication

General Elective - I
  Mathematical Physics-I

  Mechanics
  Mathematical Physics-I Laboratory
  Mechanics Laboratory

Semester II

Elementary Real Analysis

Differential Equations

Environmental Studies

General Elective - II
  Electricity and Magnetism
  Waves and Optics
  Electricity and Magnetism Laboratory
  Waves and Optics Laboratory

Semester III

Theory of Real Functions

Group Theory I

Multivariable Calculus

Programming in C/Logic and sets

General Elective III
  Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons
  Chemical Energetics, Equilibria & Functional Organic Chemistry-I
  Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons Lab
  Chemical Energetics, Equilibria & Functional Organic Chemistry-I Lab

Semester IV

Partial Differential Equations

Numerical Methods

Mechanics

Graph Theory /Computer Graphics

General Elective IV
  Inorganic Chemistry - I: Atomic Structure and Chemical Bonding
  Physical Chemistry-I: States of Matter and Ionic Equilibrium
  Inorganic Chemistry-I: Atomic Structure and Chemical Bonding Lab
  Physical Chemistry-I: States of Matter and Ionic Equilibrium Lab

Semester V

Metric Space and Complex Analysis

Ring Theory and Linear Algebra I

Discipline Specific Elective I
  Number Theory
  Group Theory II

Discipline Specific Elective II
  Probability and Statistics
  Linear Programming

Semester VI

Riemann Integration and Series of Functions

Ring Theory and Linear Algebra II

Discipline Specific Elective III
   Industrial Mathematics
   Mathematical Finance

Discipline Specific Elective IV
   Bio-Mathematics
   Differential Geometry

BSc in Physics
COURSE STRUCTURE

Semester I

Mathematical Physics-I

Mechanics

Mathematical Physics-I Laboratory

Mechanics Laboratory

English Communication

General Elective - I
   Calculus and Differential Equations
   Algebra

Semester II

Electricity and Magnetism

Waves and Optics

Electricity and Magnetism Laboratory

Waves and Optics Laboratory

Environmental Studies

General Elective - II
   Algebra and Numerical Methods
   Differential Equations, Vector Calculus and Geometry

Semester III

Mathematical Physics–II

Thermal Physics

Digital Systems and Applications

Mathematical Physics–II Laboratory

Thermal Physics Laboratory

Digital Systems and Applications Laboratory

Skill Enhancement Course - Elective I
   Computational Physics Skills
   Electrical circuits and Network Skills

General Elective III (Chemistry)
   Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons
   Chemical Energetics, Equilibria & Functional Organic Chemistry-I

General Elective III (Chemistry Lab)
   Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons Lab
   Chemical Energetics, Equilibria & Functional Organic Chemistry-I Lab

Semester IV

Mathematical Physics III

Elements of Modern Physics

Analog Systems and Applications

Mathematical Physics III Laboratory

Elements of Modern Physics Laboratory

Analog Systems and Applications Laboratory

Skill Enhancement Course - Elective II
   Basic Instrumentation Skills
   Radiation Safety
   Applied Optics

General Elective IV (Chemistry)
   Inorganic Chemistry - I: Atomic Structure and Chemical Bonding
   Physical Chemistry-I: States of Matter and Ionic Equilibrium

General Elective IV (Chemistry Lab)
   Inorganic Chemistry - I: Atomic Structure and Chemical Bonding LabPhysical Chemistry-I: States of Matter and Ionic Equilibrium Lab

Semester V

Quantum Mechanics and Applications

Solid State Physics

Quantum Mechanics and Applications Laboratory

Solid State Physics Laboratory

Discipline Specific Elective I
   Embedded systems- Introduction to Microcontroller
   Physics of Devices and Communication
   Advanced Mathematical Physics-I
   Embedded systems- Introduction to Microcontroller Laboratory
   Physics of Devices and Communication Laboratory
   Advanced Mathematical Physics-I Laboratory

Discipline Specific Elective II
   Advanced Mathematical Physics-I
   Classical Dynamics
   Communication System
   Communication System Lab

Semester VI

Electromagnetic Theory

Statistical Mechanics

Electromagnetic Theory Laboratory

Statistical Mechanics Laboratory

Discipline Specific Elective III	Discipline Specific Elective IV
Nuclear and Particle Physics	Digital Signal Processing
Astronomy and Astrophysics	Digital Signal Processing Laboratory
Nano Materials and Applications	Medical Physics
Nano Materials and Applications Laboratory	Medical Physics Laboratory
	Plasma Physics
	Dissertation

Master of Science (MSc)

MSc (Physics, Chemistry, Mathematics) offered by the University is a 2-year (4-Semester) programme, leading to the award of the degree of Master of Science. These programmes are structured with strong components of research and project work in the emerging areas of the respective disciplines.

Number of Seats

40 seats in each programme

Eligibility

1. Graduation in Science with 50% of the aggregate and Physics/Chemistry/Mathematics as a subject. Candidates with honours in Physics/Chemistry/Mathematics will have an advantage
2. **Provisional Admission:** Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1), within 3 months of the commencement of the programme.

Admission Procedure

Vide page 47

Location

Tapesia Campus
(Note: 3rd Semester MSc Mathematics will continue at Azara Campus)

MSc in Physics

This 2-year programme covers nearly every theme in Physics from elementary particles to the largest super clusters of galaxies. The curriculum also includes many advanced disciplines of Physics such as Astro Physics, Particle Physics, Plasma Physics, Nano Physics and Electronics. This alone should enable a Physics graduate of Don Bosco University to face with confidence all competitive examinations like NET, SLET, GATE etc.

Areas of Specialisation

- Astrophysics
- Electronics
- High Energy Physics
- Nanophysics
- Plasma Physics

COURSE STRUCTURE

Semester I
Classical Mechanics
Quantum Mechanics I
Mathematical Physics
Electronics I
Physics Laboratory I

Semester II
Quantum Mechanics II
Condensed Matter Physics
Electrodynamics
Nanophysics I
Physics Laboratory II

Semester III
Atomic and Molecular Physics
Nuclear Physics
Computer Oriented Numerical Methods

Computer Oriented Numerical Methods Laboratory
Project Phase I
Specialisation: High Energy Physics
Particle Physics
Specialisation: Astrophysics
Plasma Physics I
Specialisation: Plasma Physics
Plasma Physics I
Specialisation: Electronics
Electronics II
Specialisation: Nanophysics
Nanophysics II

Semester IV
Statistical Mechanics
Project Phase II
Study Tour
Specialisation: High Energy Physics
Gauge Theories General Theory of Relativity and Cosmology
Specialisation: Astrophysics
Astrophysics General Theory of Relativity and Cosmology
Specialisation: Plasma Physics
Plasma Physics II Plasma Physics Laboratory
Specialisation: Electronics
Electronics III Electronics Laboratory
Specialisation: Nanophysics
Nanophysics III
Nanophysics Laboratory

MSc in Chemistry

The Postgraduate Course in Chemistry (MSc) at Don Bosco University includes chemical structures and processes, basic research into the interplay of bio-sciences and the material world, industrial research and applications, delving into the intricacies of all known matter (physical, organic and inorganic) for employing it in the best interests of humanity. It is designed to equip our graduates with the in-depth theoretical and practical knowledge they need to pursue careers in a wide array of academic and industrial settings.

Areas of Specialisation

- Organic Chemistry
- Inorganic Chemistry
- Physical Chemistry

COURSE STRUCTURE

Semester I

Fundamentals of Inorganic Chemistry

Fundamentals of Organic Chemistry

Fundamentals of Physical Chemistry

Introduction to Quantum Chemistry and Group Theory

Inorganic Qualitative and Quantitative Analyses and Preparations - Lab

Semester II

Advanced Inorganic Chemistry I

Advanced Organic Chemistry I

Advanced Physical Chemistry I

Fundamentals of Spectroscopy

Introduction to Green and Environmental Chemistry

Experimental Physical Chemistry - Lab

Semester III

Advanced Inorganic Chemistry II

Advanced Organic Chemistry II

Advanced Physical Chemistry II

Special Topics in Biochemistry

Applied Spectroscopy

Research Methodology for Chemistry

Organic Qualitative Analysis and Synthesis Lab

Semester IV

Electives

Materials Chemistry

Computational Chemistry

Food Chemistry

Industrial Chemistry

Medicinal Chemistry

Specialisation I - Physical Chemistry

Recent Advances in Catalysis
Biophysical Chemistry

Specialisation II: Organic Chemistry

Heterocyclic Chemistry
Natural Products Chemistry

Specialisation III: Inorganic Chemistry

Organometallic Chemistry
Inorganic Rings, Clusters and Polymers

Research Project

MSc in Mathematics

The Post-Graduate Programme in Mathematics (MSc Mathematics) seeks to prepare students for a career in teaching and research. Given the immense importance of the various state/national level examinations like CSIR NET/GATE/SET, the first year courses are designed to help students qualify for such examinations. The second year specialization courses introduce application of Mathematics and topics relating to emerging research areas. The project work provides the students with fundamental skills of research in Mathematics.

Areas of Specialisation

- Theoretical Mathematics
- Applicable Mathematics
- Computational Mathematics

COURSE STRUCTURE

Semester I
Real analysis
Linear Algebra
Abstract Algebra
Differential Equations
Mathematical Methods I

Semester II
Topology and Functional Analysis
Complex Analysis
Measure Theory and Probability Theory
Classical Mechanics
Mathematical Method II

Semester III
Research Methodology for Mathematical Sciences and Mathematical Tools
Research Seminar

Electives:
Fuzzy sets and Applications
Dynamical System
Number Theory and Cryptography
Optimizations Technique
Algebraic Topology

Specialisation:Theoretical Mathematics
Field Theory
Number Theory
Mathematical Logic

Specialisation: Applicable Mathematics
Advanced partial differential equations
Numerics for partial differential equations
Fluid dynamics I

Specialisation: Computational Mathematics
Programming in C^(++)
Data Structures and Algorithms
Computational Technique

Semester IV

Specialisation: Theoretical Mathematics
Advanced Analysis
Multivariable Calculus
Advanced Graph Theory

Specialisation: Applicable Mathematics
Space Dynamics/ Continuum Mechanics
Riemannian Geometry and Tensor Calculus/Fluid Mechanics II
Finite Element Method/Theory of Relativity

Specialisation: Computational Mathematics
Cryptography and Network Security
Algorithms and Complexity Theory
Theory of Computation

Research Project

SCHOOL OF LIFE SCIENCES

Wide exposure to theory and skills undergirding the field of Biosciences
Intensive laboratory exercises and projects attuned to industrial developments
Exposure to emerging areas of research in Biosciences in the country and abroad
Industrial visits/internships/interactions with experts on live industrial projects

Bachelor of Science (BSc)

BSc Honours (Botany, Zoology) offered by the University is a 3-year (6-Semester) programme leading to the award of the degree of Bachelor of Science.

Number of Seats
40 Seats in each programme

Eligibility
Passed Higher Secondary School Leaving Examination (or equivalent) with 45% of the aggregate of Botany, Zoology and Chemistry.

Admission Procedure

Location
Tapesia Campus

BSc in Botany

COURSE STRUCTURE

Semester I
Algae and Microbiology
Biomolecules and Cell Biology
Algae and Microbiology Lab
Biomolecules and Cell Biology Lab
English Communications
Atomic Structure, Bonding, General Organic Chemistry and Aliphatic Hydrocarbons
Animal Diversity
Atomic Structure, Bonding, General Organic Chemistry and Aliphatic Hydrocarbons Lab
Animal Diversity Lab

Semester II
Mycology and Phytopathology
Archegoniate
Mycology and Phytopathology Lab
Archegoniate Lab
Environmental Studies
Chemical Energetics, Equilibria & Functional Organic Chemistry-1
Environment and Public Health

Chemical Energetics, Equilibria & Functional Organic Chemistry-1 Lab
Environment and Public Health Lab

Semester III
Morphology and Anatomy
Economic Botany
Genetics
Morphology and Anatomy Lab
Economic Botany Lab
Genetics Lab
Nursery and Gardening/Floriculture
Inorganic Chemistry-I: Atomic Structure and Chemical Bonding
Aquatic Biology
Inorganic Chemistry-I: Atomic Structure and Chemical Bonding Lab
Aquatic Biology Lab

Semester IV
Molecular Biology
Plant Ecology and Phytogeography
Plant Systematics

Molecular Biology Lab
Plant Ecology and Phytogeography Lab
Plant Systematics Lab
Medicinal Botany/Ethnobotany
Physical Chemistry- I: State of Matter and Ionic Equilibrium
Environment and Public Health
Physical Chemistry- I: State of Matter and Ionic Equilibrium Lab
Environment and Public Health Lab

Semester V
Reproductive Biology of Angiosperms
Plant Physiology
Reproductive Biology of Angiosperms Lab
Plant Physiology Lab
Analytical Techniques in Plant Sciences
Analytical Techniques in Plant Sciences Lab
Bioinformatics
Bioinformatics Lab
Plant Breeding
Plant Breeding Lab
Natural Resource Management
Natural Resource Management Lab

Semester VI
Plant Metabolism
Plant Biotechnology
Plant Metabolism Lab
Plant Biotechnology Lab
Horticultural Practices and Post-Harvest Technology
Horticultural Practices and Post-Harvest Technology Lab
Research Methodology
Research Methodology Lab
Industrial and Environmental Microbiology
Industrial and Environmental Microbiology Lab
Biostatistics
Biostatistics Lab

BSc in Zoology
COURSE STRUCTURE

Semester I
Non-chordates I: Protista to Pseudocoelomates
Perspectives in Ecology
Non-chordates I: Protista to Pseudocoelomates Lab
Perspectives in Ecology Lab
English Communications
Atomic Structure, Bonding, General Organic Chemistry and Aliphatic Hydrocarbons
Biodiversity (Microbes, Algae, Fungi and Archegoniate)
Atomic Structure, Bonding, General Organic Chemistry and Aliphatic Hydrocarbons Lab
Biodiversity (Microbes, Algae, Fungi and Archegoniate) Lab

Semester II
Non-chordates II: Coelomates
Cell Biology
Non-chordates II: Coelomates Lab
Cell Biology Lab
Environmental Studies
Chemical Energetics, Equilibria & Functional Organic Chemistry-1
Plant Ecology and Taxonomy
Chemical Energetics, Equilibria & Functional Organic Chemistry-1 Lab
Plant Ecology and Taxonomy Lab

Semester III	Semester V
Diversity of Chordates	Molecular Biology
Physiology: Controlling and Coordinating systems	Principles of Genetics
Fundamentals of Biochemistry	Molecular Biology Lab
Diversity of Chordates Lab	Principles of Genetics Lab
Physiology: Controlling and Coordinating systems Lab	Wildlife Conservation and Management
Fundamentals of Biochemistry Lab	Wildlife Conservation and Management Lab
Research Methodology	Animal Behaviour and Chronobiology
Inorganic Chemistry-I: Atomic Structure and Chemical Bonding	Animal Behaviour and Chronobiology Lab
Plant Physiology and Metabolism	Computational Biology
Inorganic Chemistry-I: Atomic Structure and Chemical Bonding Lab	Computational Biology Lab
Plant Physiology and Metabolism Lab	Animal Biotechnology
	Animal Biotechnology Lab

Semester IV	Semester VI
Comparative Anatomy of Vertebrates	Developmental Biology
Physiology: Life Sustaining Systems	Evolutionary Biology
Biochemistry of Metabolic Processes	Developmental Biology Lab
Comparative Anatomy of Vertebrates Lab	Evolutionary Biology Lab
Physiology: Life Sustaining Systems Lab	Immunology
Biochemistry of Metabolic Processes Lab	Immunology Lab
Sericulture / Aquarium Fish Keeping	Parasitology
Physical Chemistry- I: State of Matter and Ionic Equilibrium	Parasitology Lab
Economic Botany and Biotechnology	Fish and Fisheries
Physical Chemistry- I: State of Matter and Ionic Equilibrium Lab	Fish and Fisheries Lab
Economic Botany and Biotechnology Lab	Biology of Insecta
	Biology of Insecta Lab

Master of Science (MSc)

MSc (Biotechnology, Biochemistry, Botany, Microbiology, Zoology) offered by the University is a 2-year (4-Semester) programme leading to the award of the degree of Master of Science.

Number of Seats
30 Seats in each programme (40 for Botany and Zoology)

Eligibility
1. Graduation in any area of Life Sciences with 60% (50% for Botany) of the aggregate and Chemistry as a subject. Those who have a background in Biotechnology/Biochemistry/Botany/Microbiology/ Zoology at Bachelor's Degree will have an advantage.
2. **Provisional Admission:** Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure
Vide page 47

Location
Tapesia Campus

MSc in Biotechnology

Advancement in the areas of bioenergy, bioremediation, synthetic biology, virtual cells, genomics, proteomics, bioinformatics and bio-nanotechnology have made biotechnology a very powerful discipline in today's world.

Animal and plant biotechnology, genetic engineering, bioprocess engineering and immunology form core areas of concentration in this study programme. The course has been designed to accentuate on training in skills and processes that will enable our students to find ready employment across a spectrum of industries and laboratories.

COURSE STRUCTURE

Semester I
Biomolecules
Thermodynamics and Enzymology
Cell Biology and Genetics
Analytical Techniques for Biological Sciences
Biomolecules Lab
Analytical Techniques Lab
Thermodynamics and Enzymology Lab
Lab Cell Biology and Genetics Lab

Semester II
Computer Applications for Biosciences and Bioinformatics

Molecular Biology
Genetic Engineering
Basic Microbiology
Computer Applications for Biosciences and Bioinformatics Lab
Molecular Biology Lab
Genetic Engineering Lab
Basic Microbiology Lab

Semester III
Animal and Plant Biotechnology
Research Methodology and Biostatistics
Immunology
Bioprocess Engineering
Dissertation Phase I
Animal and Plant Biotechnology Lab
Immunology Lab
Bioprocess Engineering Lab

Semester IV
Advances in Biotechnology
Dissertation Phase II

MSc in Biochemistry

This study programme of the University aims to provide an advanced understanding of the core concepts and topics of Biochemistry and their experimental basis. It is designed to equip the students with specialized knowledge and understanding of the underlying biochemical processes involved in core areas of current research, such as immunology, medical biochemistry, genetic engineering, physiology, bioenergetics and metabolism. It will provide our students with analytical and presentation skills, training in advanced scientific methods and practical research skills fundamental to mastery of the field.

The many and diverse applications of biochemistry include pharmacology, genetics, immunology, genomics, proteomics, metabolomics, bioinformatics, environmental science, forensics, toxicological studies and food science. The career options for this exciting field of study are virtually endless and new areas keep unfolding as novel applications continue to evolve.

COURSE STRUCTURE

Semester I

Biomolecules

Thermodynamics and Enzymology

Cell Biology and Genetics

Analytical Techniques for Biological Sciences

Biomolecules Lab

Analytical Techniques Lab

Thermodynamics and Enzymology Lab

Cell Biology and Genetics Lab

Semester II

Computer Applications for Biosciences and Bioinformatics

Molecular Biology

Cell Biology and Genetics

Genetic Engineering

Basic Microbiology

Computer Applications for Biosciences and Bioinformatics Lab

Molecular Biology Lab

Genetic Engineering Lab

Basic Microbiology Lab

Semester III

Immunology and Medical Biochemistry

Research Methodology and Biostatistics

Physiology

Bioenergetics and Metabolism

Dissertation Phase I

Immunology and Medical Biochemistry Lab

Physiology Lab

Bioenergetics and Metabolism Lab

Semester IV

Advances in Biochemistry

Dissertation Phase II

MSc in Botany

Masters in Botany at Don Bosco University offers unique opportunities for research and specializations in the cutting-edge Botanical technologies. The University's campus is rich with flora and fauna which makes it a perfect place to immerse in Botanical studies - to explore various plants right from single celled algae to the giant banyan trees, toxic mushrooms to medicinal plants and further develop scientific curiosity and knowledge.

Intensive laboratory exercises and exposure to field study and hands on experience in tissue culture, biofertilizer technology, plant pathology and protection will prepare a Master Degree student in Botany at Don Bosco University to work in various government departments and private companies including environment and wildlife conservation, agriculture, horticulture, ecotourism, forestry, food technology, biotechnological firms and pharmaceutical companies.

COURSE STRUCTURE

Semester I
Phycology
Mycology
Bryophytes, Pteridophytes and Gymnosperms
Angiosperms
Lab
Lab

Semester II
Plant Ecology
Microbiology
Cytogenetics and Plant Breeding
Plant Physiology
Lab
Lab

Semester III
Plant Biochemistry and Biotechnology
Cell and Molecular Biology
Environmental Management, Research Methodology and Biostatistics
Biochemical, Molecular Techniques, and Bioinformatics
Lab
Lab
Dissertation Phase I

Semester IV
Microbial Genetics and Applied Microbiology
Plant Cell and Tissue Culture
Plant Pathology and Plant Protection
Biofertilizer Technology
Herbal Medicine
Biodiversity and its Conservation
Lab
Field Study
Dissertation Phase II

MSc in Microbiology

Microbiology and its applications in various fields, including health-care delivery particularly in pathological and immunological laboratories as well as in the fields of ecology and genetic engineering, form the core areas of study in this Master's Course. A thorough grounding in virology, bacteriology, mycology, microbial genetics and immunology ensure that the students are equipped with fundamental knowledge and skills for study and research in various specializations of microbiology.

Microbiologists find ready employment in diverse fields, such as universities, hospitals, pharmaceutical and agrochemical industries, food processing and packaging industries, pathological and diagnostic laboratories, water works and eco-conservation agencies.

COURSE STRUCTURE

Semester I
Biomolecules
Thermodynamics and Enzymology
Cell Biology and Genetics
Analytical Techniques for Biological Sciences
Biomolecules Lab
Analytical Techniques Lab
Thermodynamics and Enzymology Lab
Lab Cell Biology and Genetics Lab

Semester II
Computer Applications for Biosciences and Bioinformatics
Molecular Biology
Cell Biology and Genetics
Genetic Engineering
Basic Microbiology
Computer Applications for Biosciences and Bioinformatics Lab
Molecular Biology Lab
Genetic Engineering Lab
Basic Microbiology Lab

Semester III
Virology, Bacteriology and Mycology
Microbial Diversity and Ecology
Research Methodology and Biostatistics
Immunology and Medical Microbiology
Dissertation Phase I
Microbiology Techniques Lab
Microbial Diversity and Ecology Lab
Immunology and Medical Microbiology Lab

Semester IV
Advances in Microbiology
Dissertation Phase II

MSc in Zoology

Master of Science in Zoology at Don Bosco University is designed to equip the students with in-depth understanding of the subject with opportunity to specialize in Entomology and Environmental Biology, Fish and Fishery Biology, Animal Ecology and Wildlife Biology, and Cell and Molecular Biology.

These specializations are being offered keeping in mind the ever rising demand for specialists in public health, wildlife management, pharmaceutical companies, environmental impact assessment studies, food processing industries, agriculture and animal husbandry, and well informed researchers and educators. In addition to the core courses, students will be trained in Project Cycle Management, Journalism and Photography, and Classroom Management skills.

Number of Seats
40 Seats

Eligibility
1. Graduation in Science with 50% of the aggregate and Zoology as a subject. Candidates with honours in Zoology will have an advantage.
2. **Provisional Admission:** Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure

Location
Tapesia Campus

COURSE STRUCTURE

Semester I
Biosystematics and Taxonomy

Molecular Biology and Biochemistry

Animal Physiology & Endocrinology

Evolution and Genetics

Biosystematics and Taxonomy Lab

Biochemistry and Physiology Lab

Analytical Techniques for Biological Sciences

Semester II
Computer Applications for Biosciences and Bioinformatics

Research Methodology and Biostatistics

Ecology, Environmental Biology and Ethology

Developmental Biology

Developmental Biology and Ecology Lab

Computer Applications for Biosciences and Bioinformatics Lab

Project Management, Reporting and Documentation

Semester III
Applied Zoology I

Specialisation 1: Entomology and Environmental Biology
Insects- Structure & Function
Insect Physiology

Specialisation 2: Cell and Molecular Biology
Cell and Molecular Biology –I
Immunology I

Specialisation 3: Fish and Fishery Biology
Taxonomy and Functional Anatomy
Aquaculture and Fish Genetics

Specialisation 4: Animal Ecology and Wildlife Biology
Animal Ecology and Biogeography
Wildlife Conservation and Management
Specialization Lab I
Dissertation (Phase I)
Introduction to Journalism and Photography

Semester IV
Applied Zoology II

Specialisation 1: Entomology and Environmental Biology
Insect Ecology
Principles of Pest Management

Specialisation 2: Cell and Molecular Biology
Cell and Molecular Biology –II
Immunology II

Specialisation 3: Fish and Fishery Biology
Capture Fishery and Post-harvest Technology
Limnology, Fishery Economics, Ornamental Fishery and Fish Pathology

Specialisation 4: Animal Ecology and Wildlife Biology
Wildlife Resource Management and Economics
Wildlife Health, Forensics and Conflict
Specialization Lab II
Dissertation (Phase II)

Teaching and Classroom Management

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Co-operative learning, innovation and critical thinking
Formulation of action interventions
Lively cultural pluralism
Mastery of tech-skilling and convergent media
        ... for motivated and grounded social transformers

Bachelor of Arts

The Bachelor of Arts programme combines the best features of a liberal arts education with the freedom and openness of the Choice-Based Credit System (CBCS) promoted by the University Grants Commission. One can do Bachelor of Arts (Honours) in English, Education, Psychology and Mass Communication with a choice of Electives from any two of these Subjects as the subsidiary options.

List of Courses

Course	English	Education	Psychology	Mass Communication
General 1	History of English Literature I: (Elizabethan to Romantic Period)	Foundations of Education	Basic Psychological Processes	History and Evolution of Media
General 2	History of English Literature II: (Victorian to Contemporary Period)	Philosophical Foundations of Education	Developmental Psychology	Media and Society
General 3	English Essays I: (Addison to Dickens)	Psychological Bases of Education	Counselling Psychology	Media Laws and Ethics
General 4	Life Writing:Biographies, Memoirs and Letters	Development of Education in India	Basic Abnormal Psychology	Introduction to NE India
Honours 1	Poetry, Prose and Drama: Elizabethan to Restoration Period	Theories and Principles of Education	Experimental Psychology	Communication Theories and Models
Honours 2	Poetry, Prose and Fiction: Augustan to Romantic Period	Education and Society	Basic Psychological Theories	Traditional Folk Media
Honours 3	Poetry I: Restoration to Romantic Period	Human Rights Education	Bio Psychology	Introduction to Journalism
Honours 4	Literary Criticism: Aristotle to I.A. Richards	Educational Thinkers: Oriental and Occidental	Child and Adolescent Developmental Psychology	Introduction to Radio Production
Honours 5	Post Colonial Writings	Measurement and Evaluation in Education	Social Psychology	Visual Communication
Honours 6	Modern English Drama	Educational Technology	Field Work	Advertising
Honours 7	American Literature	Foundations of Curriculum Development	Psychology Practicum I	Introduction to Video Production
Honours 8 (any one)	Indian English Literature	Guidance and Counselling	Health Psychology	Community Media
	English Language and Linguistics I	Special and Inclusive Education	Environmental Psychology	Animation and VFX
Honours 9	African Literature	Teaching Learning Methods and Pedagogy	Psychological Testing	Graphic Designing
Honours 10	Indian Diasporic Writings in English	Teacher Education	Psychology Practicum II	Communication for Development
Honours 11	Literary and Cultural Theory: 20th Century and After	Educational Management and Administration	Positive Psychology	Film Studies
Honours 12 (any two)	Women and Literature	Psychological Testing	Organizational Behaviour	Web Designing
	English Language and Linguistics II	Distance and Adult Education	Advanced Abnormal Psychology	Media Entrepreneurship

Number of Seats
60 seats each

Eligibility
Passed Higher Secondary School Leaving Examination (or equivalent) in any stream with 45% in the aggregate and 50% in English for those opting for honours in English or Mass Communication.

Admission Procedure

Location
Tapesia Campus

COURSE STRUCTURE

Semester I	
Course	Course
Institutional Core	General English I
Departmental Core	General I
	Honours I
Institutional / School Electives	Subsidiary I - General I
	Subsidiary II - General I
	Open Elective I

Semester II	
Course Type	Course
Institutional Core	General English II
Departmental Core	General II
	Honours II
Institutional / School Electives	Subsidiary I - General II
	Subsidiary II - General II
	Open Elective II

Semester III	
Course Type	Course
Institutional Core	Language I
Departmental Core	General III
	Honours III
Institutional / School Electives	Subsidiary I - General III
	Subsidiary II - General III
	Open Elective III

Semester IV	
Course Type	Course
Institutional Core	Language II
Departmental Core	General IV
	Honours IV
Institutional / School Electives	Subsidiary I - General IV
	Subsidiary II - General IV
	Open Elective IV

Semester V	
Course Type	Course
Institutional Core	Environmental Studies
	Scientific Methodology
Departmental Core	Honours V
	Honours VI
	Honours VII
Departmental Elective	Honours VIII

Semester VI	
Course Type	Course
Departmental Core	Honours IX
	Honours X
	Thesis Work / Project Work
Departmental Elective	Honours XI
	Honours XII

DEPARTMENT OF PSYCHOLOGY AND COUNSELLING

Programmes Offered
- BA Psychology (Honours)
- MSc Psychology

MSc in Psychology

The two-year Master's Programme in Psychology is an attempt to train counsellors who are theoretically sound, culturally sensitive and adequately skilled to offer psychological assistance and support to individuals and groups.

With an optimum blend of theory, practice and research, the course will prepare qualified counsellors in the areas of children, youth and education, marriage and family, and trauma and addiction, for educational institutions, the voluntary sector, non-governmental organisations and government departments, particularly those dealing with health, education, vocational training, family, women, children and youth, correctional settings, community development, disaster management, communal harmony and promotion of culture, conflict management and other such areas.

Programme Highlights

- Calibrated exposure to active counselling with two semesters devoted to supervised internship, case studies and research work
- Self-growth modules to facilitate the optimal development of the person of the Counsellor

Number of Seats: 40

Eligibility
1. Graduation in any stream with 50% of the aggregate. Those who have a background in Social Work / Psychology / Education / Sociology / Home Science / Human Resource Management will have an advantage.
2. **Provisional Admission**: Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure

Location
Tapesia Campus

COURSE STRUCTURE

Semester I

Foundations of Professional Counselling

Life Span Development

Theoretical Perspectives for Counselling Psychology

Process and Skills of Individual and Group Counselling

Elective Group I
Eastern Approaches to Psychology and Counselling
Educational Technology
Society and Social Problems

Elective Group II
Media in Northeast India
Leadership and Social Responsibility
Introduction to Indian society, polity and economics
English Language Teaching

Personal Growth - I (Practicum)

Semester II

Concepts of Mental Health and Illness

Child and Youth Counselling

Research Methodology and Statistics in Social Science

Elective Group I
Introduction to Indian society, polity and economics
Personality Development
Rural Communication

Elective Group II
Society and Social Problems
Peace Education and Conflict Management
Introduction to Social Psychology
North-East Indian Literature in English

Child and Youth Counselling - Practicum

Field Work

Personal Growth - II

Semester III

Marriage and Family Counselling

Adiction and TraumaCounselling

Marriage and Family Counselling - Practicum

Case Study and Documentation - I

Summer Internship

Study Tour

Supervised Internship - I

Research Project Phase - I

Semester IV		Supervised Internship - II
Psychological Testing		Research Project Phase - II
Disability Studies and Rehabilitation Psychology		
Case Study and Documentation - II		

DEPARTMENT OF LANGUAGE STUDIES

The Department of Language Studies offers various courses spread across the different Schools and Departments of the University to train the students in communicative English. In addition, the Department offers Bachelor Degree (BA Honours - English) and Master Degree (MA) in English.

MA in English

The Post-Graduate Degree programme (MA English) is a 2-year (4 semester) programme that familiarizes the student with the history of the language and literature and focuses on prose, poetry, drama and fiction. There is a good focus on Indian English Literature and touches on North East Indian English Literature. Linguistics, Literary Criticism, and English Language Teaching are taught. Choice-Based Credit System is followed. Students who complete this course are expected to be prepared for employment as teachers, editors, translators, and corporate language trainers. It will also be a foundation for creative literary adventure.

Number of Seats

40 seats

Eligibility

1. Graduation in any stream with 50% of the aggregate from a UGC Recognized University.
2. **Provisional Admission**: Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure

Vide page 47

Location

Tapesia Campus

COURSE STRUCTURE

Semester I
Chaucer to Elizabethan Period – Poetry, Drama & Romance
Literary and Social History - Chaucer to Elizabethan Period
Shakespearean Drama 1 – Comedy and History Plays
Rhetoric and Prosody

Elective I (One Course to be chosen)
   T.S. Eliot
   Thomas Hardy

Elective II (One Course to be chosen)
   Media in Northeast India
   Leadership and Social Responsibility
   Introduction to Indian society, polity and economics
   English Language Teaching

Seminar and Presentation I

Semester II
Restoration to Romantic Period – Poetry and Drama
Literary Criticism – Plato to F.R. Leavis

Shakespearean Drama 2 – Tragedy and Tragi-Comedy
Approaches to Language and Literary Research

Elective Group I (One Course to be chosen)
    Classics in Translation
    Indian Women Writers

Elective Group II (One Course to be chosen)
    Society and Social Problems
    Peace Education and Conflict Management
    Introduction to Social Psychology
    North-East Indian English Literature

Seminar and Presentation II

Semester III
Victorian to Post-Modern Period – Poetry, Drama & Fiction
Post-Colonial Literature – Poetry, Drama & Fiction
American literature – Poetry, Drama & Fiction
Literary and Critical Theory
Gender and Literature

Specialisation I: Linguistics Stylistics   Linguistics Stylistics –I
Specialisation II: Contemporary European Literature   Contemporary European Literature – I
Specialisation III: African Literature   Colonial and Post Colonial African Literature - I
Project Phase I

Semester IV
Indian Writing in English – Poetry, Drama & Fiction
South-Asian Literature
Specialisation I: Linguistics Stylistics   Linguistics Stylistics - II
Specialisation II: Contemporary European Literature   Contemporary European Literature - II
Specialisation III: African Literature   Colonial and Post Colonial African Literature - II
Project Phase II - Dissertation

DEPARTMENT OF EDUCATION

Programmes Offered
- BA Education (Honours)
- MA Education (Specialisations in Educational Leadership, Educational Psychology)

MA in Education

A Post Graduate Programme designed for those aspiring to innovative roles in the world of Education. A masterful blend of theory and practice, the programme will assist the candidates to obtain a Master's Degree in Education with specialization in any one of the following areas of Education where there is demand for trained personnel:

- **Educational Leadership** - train yourselves for leadership roles in education by developing the skills needed for coping with the complex demands of current education policies and practices
- **Educational Psychology** - understand the psychology of the student and and develop testing and counselling skills in the context of education

Programme Highlights
- A syllabus grounded in the context of the Indian educational practice and which takes into consideration the international scenario. It will challenge the students to engage in processes designed to develop habits of research and analysis – vital tools for reimagining and reframing educational practices and for developing leadership skills.
- A research based curriculum which will challenge the next generation of educational professionals to 're-imagine' education in India

Number of Seats: 40

Eligibility Criteria
1. Graduation in any stream with 50% of the aggregate. Those with experience in the field of educational administration will be preferred.
2. **Provisional Admission:** Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure

Location
Tapesia Campus

COURSE STRUCTURE

Semester I
Philosophical Foundations of Education
Fundamentals of Educational Psychology
Emerging Trends in Education
History and Development of Education in India
Journaling – a Technique for Personal and Academic Growth
Elective Group I
Eastern Approaches to Psychology and Counselling

Educational Technology

Society and Social Problems

Elective Group II

Introduction to Journalism

Leadership and Social Responsibility

Introduction to Indian society, polity and economics

English Language Teaching

Semester II

Sociological Foundations of Education

Research Methodology & Statistics in Social Sciences

Theory of Knowledge

Educational Leadership
  Developing Educational Leadership
Educational Psychology
  Human Development and Learning

Computer Applications in Social Sciences (Lab)

Educational Seminar I

School Visits

Elective Group II
  Society and Social Problems
  Peace Education and Conflict Management
  Introduction to Social Psychology
  North-East Indian English Literature

Semester III

Curriculum Development and Instruction

Principles and Techniques of Teaching and Pedagogy

Teacher Education

Measurement and Evaluation in Education

Educational Leadership
  Educational Law and Government Policy
  Financial Management and Accounting
Educational Psychology
  Life Span Development and Education
  Learning and Individual Differences

Dissertation Phase I

Educational Seminar II

School Audit

Semester IV

Organizational Communication

Educational Leadership
  Educational Administration
  Ethics and Social Responsibility in Education
Educational Psychology
  Counselling Skills for Educational Psychologists
  Child and Adolescent Mental Health

Dissertation Phase II

Internship

DEPARTMENT OF MASS COMMUNICATION

The Department of Mass Communication envisions itself to be a centre of excellence in teaching, learning and research committed to mould ethical and socially responsible media professionals and entrepreneurs who can deliver professional content for diverse media platforms.

Programmes Offered
- BA in Mass Communication (Honours)
- MA in Mass Communication (Specialisations in Electronic Media, Print Media, Communication for Development)

MA in Mass Communication

The media platforms are so varied, pervasive, influential and fast changing that it is a continuous challenge to keep pace with the latest trends in media-related industries. The MA in Mass Communication programme blends conceptual inputs with hands-on training in journalism, television production, film making and development communication.

The Department currently has the following studio facilities:
1. A fully equipped multi-media studio with Adobe Creative Suite
2. A Master Editing Suite with Apple Computer
3. A fully equipped Audio Studio
4. An Indoor Photography Studio
5. A Video Studio

Initiated by the students, the Department has a web radio station - Radio Tapesia, which broadcasts everyday from 9:00 am - 5:00 pm, and a monthly news tabloid - ADBU Times.

Number of Seats
40 seats

Eligibility Criteria
6. Graduation in any stream with 50% of the aggregate. Those who have a background in Mass Communication, Journalism, Photography, etc., will have an advantage.
7. **Provisional Admission:** Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure

Location
Tapesia Campus

COURSE STRUCTURE

Semester I
Introduction to Communication
Theoretical Perspectives of Communication
History and Development of Mass Media
Principles of Journalism
Current Affairs and General Awareness
One course to be opted as offered by other departments
Techniques of Photography and Image Editing
Journaling

Semester II
Philosophy of Communication
Theories of Communication for Development and Social Change
Communication Research Methodology
Digital Media
Data Journalism
One course to be opted as offered by other departments
Dissertation Phase-I
Audio-Video Production

Semester III	Semester IV
Media Laws, Ethics and Social Responsibility	**Media Management and Entrepreneurship**
Advertising and Public Relations	Media and Cultural Studies
Dissertation Phase-II	Internship

Specialization: Electronic Media
    Script Writing
    Audiography
    Television Production
    Video Editing
	Specialization: Electronic Media
	    Media Appreciation
	    Film Making
	    Final Project

Specialization: Print Media
    Advanced Reporting
    News Editing
    Political Communication
    Health and Environmental Reporting
	Specialization: Print Media
	    Peace and Conflict Reporting
	    Sports Journalism
	    Final Project

Specialization: Communication for Development
    Communication for Development: Indian and Global Context
    Situation Analysis for Communication Strategy
    Strategy Design: Planning Models, Process and Levels of Intervention
    Legal Provisions in Development
	Specialization: Communication for Development
	    Monitoring and Evaluation
	    Programme Management
	    Final Project

DEPARTMENT OF SOCIAL WORK

Programmes Offered

Master of Social Work (specialisations in Medical and Psychiatric Social Work, Family and Child Welfare, Child Rights and Child Protection , Community Development, Human Resource Management - Management of Development Organizations)

Master of Social Work (MSW)

The two year Post Graduate programme in Social Work, approved under section 2f of the UGC Act (Ref. F. No. 8-13/2009[CPP-I] dated 13 November 2009), leading to the degree of Master of Social Work (MSW) aims at training students to plan and execute an extensive range of social services and social welfare activities. An innovative blend of theory, fieldwork and research is designed to provide the students with a variety of skills to enable them to be active social workers, to set up and manage social work organizations of their own or to find employment with various national and international agencies in the field.

Number of Seats

90 seats

Eligibility

1. Graduation in any stream with 50% of the aggregate. Those who have a background in Social Work / Psychology / Education / Sociology / Home Science / Human Resource Management will have an advantage.
2. **Provisional Admission**: Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.

Admission Procedure

Vide page 47

Location

Tapesia Campus

COURSE STRUCTURE

Semester I
History, Ideologies and Fields of Social Work
Sociological & Psychological concepts for Social Work Practice
Social Work Practice with Individuals and Families
Environment and Disaster Management
Gender Studies
Professional Development I
Field Work Practicum

Semester II
Social Work Practice with Groups
Social Work Research and Statistics
Social Welfare Administration (Administration, Welfare and Development Services)
Inclusive Education/Disability Studies
Project Management
Professional Development II
Field Work Practicum

Semester III
Social Justice, Human Rights & Paralegal Education
Political & Economic Concepts for Social Work Practice
Social Work with Communities and Social Action
Areas of Social Work Practice I (FCW, CD, MPSW, HRM - MDO, CRCP)
Areas of Social Work Practice II (FCW, CD, MPSW, HRM - MDO, CRCP)
Professional Development II
Field Work Practicum

Semester IV
Emerging Social Work Perspectives and Integrated Approach
Social Development and Social Policy
Dissertation
Areas of Social Work Practice III (FCW, CD, MPSW, HRM - MDO, CRCP)
Areas of Social Work Practice IV (FCW, CD, MPSW, HRM - MDO, CRCP)
Professional Development III
Field work Practicum

SCHOOL OF COMMERCE AND MANAGEMENT

Seamless fusion of theories and ground realities
Self-help modules and holistic development
Job creation and entrepreneurial skills
... for ethically rooted, socially committed, innovative entrepreneurs

Programmes Offered
- Bachelor of Commerce (with specialisations in Banking and Insurance, International Accounting and Finance, and Finance and Investment)
- Bachelor of Business Administration
- Bachelor of Economics (Honours)
- Master of Commerce (with specialisations in Accounting & Taxation, Finance & Investment, and Management)
- Master of Business Administration (with multiple Areas of Concentration – Marketing, Finance, Human Resource, Systems)

Bachelor of Business Administration (BBA)

The Bachelor of Business Administration at the University introduces students to the world of business with special focus on finance, banking, marketing, and human resource management. This programme at the University is designed to help a student develop a business mind-set and entrepreneurial skills. Wide exposures and visits to business establishments and a series of lectures from entrepreneurs will also form a part of the journey of business studies at the University.

Number of Seats
60 seats

Eligibility
Passed Higher Secondary School Leaving Examination with minimum of 50% marks.

Admission Procedure
Vide page 45

Location
Azara Campus

COURSE STRUCTURE

Semester I
Business Communication
General Management
Fundamentals of Accounting
Business Environment
Presentation Seminar I

Semester II
Personality Development
Business Mathematics
Fundamentals of finance
Business Economics I
Presentation Seminar II

Semester III
Introduction to Computer Applications
Organisational Behaviour and Human Resource Management
Business Statistics
Business Economics II
Environmental Studies

Semester IV
Entrepreneurship and Small Business Management
Principles of Marketing
Cost Accounting
Financial Management
Business Law
Field Project Work-I

Semester V
Specialisation: Marketing and HR

  Introduction to Strategic Management
  Taxation
  Marketing Research and Consumer Behaviour
  Performance Management
  Field Project Work-II

Specialisation: Finance and Banking

  Introduction to Strategic Management
  Taxation
  Indian Financial System
  Corporate Finance
  Field Project Work-II

Semester VI		Macro Economics

Semester VI

Specialisation: Marketing and HR

- Management of Services
- Management Accounting
- Sales and Advertising Management
- Business Ethics and Corporate Governance
- Field Project Work-III

Specialisation: Finance and Banking

- Management of Services
- Management Accounting
- Investment Analysis and Portfolio Management
- Management of Financial Institutions
- Field Project Work-III

Bachelor of Commerce (BCom)

This 3-year (6 Semester) degree programme is designed for learners who are enthusiastic to learn innovative ideas in commerce and business. Training in industry-standard accounting packages, Applications of Spreadsheet packages and Soft Skills and Life Skills Training are integrated. Courses are taught in collaboration with Association of Chartered Certified Accountants, with the possibility of ACCA certification which increases chances of employability.

Number of Seats

60 seats

Eligibility Criteria

Passed Higher Secondary School Leaving Examination in Commerce or equivalent with 50% of the aggregate.

Admission Procedure

Location

Azara Campus

COURSE STRUCTURE

Semester I

- Financial Accounting
- Business Communication I
- Micro Economics
- Business Mathematics
- Introduction to Computer Applications
- Principles of Management
- Communication Practice Lab I
- Computer Applications Lab

Semester II

- Fundamental of Human Resource Management
- Business Communication II

- Macro Economics
- Introduction to IT and E-Commerce
- Corporate and Business Law
- Business Statistics
- Corporate Accounting

Semester III

- Marketing Management
- Indian Financial System
- Practice of Banking and Insurance
- Taxation
- Financial Reporting
- Management Accounting

Semester IV

- Audit and Assurance
- Governance, Risk and Ethics
- Financial Management
- Banking Law and Practice
- Cost Accounting
- Entrepreneurship Development
- Accounting Software Lab

Semester V

International Accounting and Finance

- Capital Market Operations
- Financial Planning and Control
- Corporate Reporting
- Business Analysis
- Accounting for Service & Public Finance
- Project Phase I
- Environmental studies

Finance and Investment

- Capital Market Operations
- Financial Planning and Investment
- Investment Banking
- Investment Management
- Corporate Finance
- Project Phase I
- Environmental studies

Semester VI

International Finance and Accounting

- Advanced Financial Management
- Financial Securities and Derivatives
- Advanced Performance Management
- Advanced Taxation
- Advanced Audit and Assurance
- Internship
- Project Phase II

Finance and Investment
   Advanced Financial Management
   Financial Securities and Derivatives
   Commodities and Forex Management
   Portfolio Management
   Alternative Investments
   Internship
   Project Phase II

BA in Economics

The School of Commerce and Management is offering BA Economics (Honours) which is a 3-year (6 Semester) degree course. This course provides a sound understanding of core, pure and applied economics. However, while a student would study economics in considerable depth in this specialised degree, they would also employ ideas and techniques from many other disciplines too including mathematics, statistics and sociology. The Undergraduate Economics Programme has been designed to develop strong analytical skills and a solid foundation in the discipline of economics.

Number of Seats:
60 seats

Eligibility
Passed Higher Secondary School Leaving Examination with minimum of 50% marks. Those with Economics / Mathematics / Statistics will have preference. Marks obtained in Class X Mathematics and English will be considered.

Admission Procedure
Vide page 45

Location
Tapesia Campus

COURSE STRUCTURE

Semester I

Micro Economics-I

Quantitative Methods in Economics-I

English-I

General Elective - I
   Money, Banking and Finance
   Economy, State and Society

Semester II

Micro Economics-II

Quantitative Methods in Economics-II

Environmental Studies

General Elective - II
   Indian Monetary System
   English-II

Semester III

Statistical Methods for Economics-I

Macro Economics-I

Mathematics-I

Skill Enhancement I
   Introduction to Computer Applications
   Introduction to Computer Applications Lab

General Elective III
   Developmental Economics-I
   Alternative English - I
   Economic History of India 1857 to 1957

Semester IV

Macro Economics-II

Statistical Methods for Economics-II

Mathematics-II

Skill Enhancement II
   Organizational Behaviour

General Elective IV
   Developmental Economics-II
   Alternative English-II
   Financial Market Operations

Semester V

Public Finance

Indian Economy-I

Discipline Specific Elective I
   History of Economic Thought
   Investment and Risk Management
   Financial Market Operations

Discipline Specific Elective II
   Industrial Economics
   Welfare Economics
   Econometrics -I

Semester VI

International Economics

Indian Economy-II

Discipline Specific Elective I
   Environmental Economics
   Advertising and Consumer Behaviour
   Demography

Discipline Specific Elective II
   Agricultural Economics
   Financial Economics
   Econometrics -II

Master of Commerce (M.Com)

This 2-year (4 Semester) degree programme with 3 specialisations (in Accounting & Taxation, Finance & Investment, and Management) is designed to prepare professionals in the fields of banking, finance, advanced accountancy, industry, and business management.

Programme Highlights

- Training in industry-standard accounting packages
- Applications of Spreadsheet packages
- Soft Skills and Life Skills Training

Eligibility Criteria

Bachelor Degree in Commerce from any UGC recognized University with 50% aggregate.

Admission Procedure

Location

Azara Campus

COURSE STRUCTURE

Semester I

Organizational Theory & Behavior

Business Statistics & Decisions

Financial Statement Analysis

Managerial Economics

Cost & Management Accounting

Semester II

Research Methodology in Commerce

Business Environment

Business Law

Corporate Finance

Principles of Marketing

International Business

Semester III

Strategic Human Resource Management

Consumer Behaviour

Project Work-I

Specialisation: Accounting and Taxation
Corporate Tax Management
Accounting Theory & Financial Reporting

Specialisation: Finance and Investment
Advance Corporate Finance
Investment Banking

Specialisation: Management
International Marketing
Banking and Insurance Practices - Indian Perspectives

Semester IV

Entrepreneurship Management & E-Commerce

Project Work-II/Dissertation

Specialisation: Accounting and Taxation
Modern Accounting
Advanced Accounting

Specialisation: Finance and Investment
Financial Institution Management
Portfolio Management

Specialisation: Management
Industrial Relations, Corporate Governance and Ethics
Supply Chain Management and Logistics

Note: For all programmes, 10 students in addition to the intake notified maybe admitted

Master of Business Administration (MBA)

The 2-year Master of Business Administration programme offered by the University at Don Bosco Institute of Management (DBIM), Kharguli campus, seeks to equip the student with personal and professional skills to prepare him/her for the challenges in any functional area of Business Practice.

The teaching approach and methodology are unique, with focus on global business, technology application and developing leadership skills.

Number of Seats: 60

Minimum Eligibility Criteria

1. Graduation in any discipline with a minimum of 50% of the aggregate marks.
2. Provisional Admission: Applicants who have not yet obtained their Bachelor's Degree also may apply for admission. Such candidates would be offered provisional admission until they furnish evidence of fulfilling the eligibility criterion stated in (1) above within 3 months of the commencement of the programme.
3. Candidates having a certain period of full-time work experience after graduation shall be preferred for admission.

Location
Kharguli Campus

ADMISSION PROCEDURE
Admission to the MBA program is through a three-stage selection process, consisting of:
- A Written Test - Don Bosco University-Post Graduate Entrance Test (DBU-PGET) *.
- Group Discussion
- Personal Interview

A candidate desirous of seeking admission for the MBA programme needs to apply for the written test (DBU-PGET) along with his/her application for the programme.

* Candidates with valid GMAT/ CAT/XAT/MAT /AICTE-CMAT/JMAT may be exempted from the written test, on production and successful verification of the test scores. Such a candidate would be required to participate in the latter two stages of the admission process – Group Discussion and Personal Interview.

Selection Criteria
The MBA Admissions Office will evaluate all applications on the following criteria and shortlisted candidates will be called for the second and third stages of the application process.
- **Leadership Potential**: Applicants who have demonstrated an ability to take up initiatives in their work or academic life consistently have an edge in the selection process.
- **Diversity**: The University welcomes diversity in all its man-

ifestations - work experience, educational background, demography, linguistic backgrounds, ethnicity, religion, etc. Applicants are encouraged to explain their backgrounds and provide details on how they can contribute to the diversity expected in the classroom experience.
- **Academic Background**: The MBA programme is rigorous and intense. Therefore, the student's academic performance plays a key role in the selection process. The institute also assesses analytical ability based on DBU-PGET/GMAT/CAT/XAT/MAT/ AICTE-CMAT/JMAT. However, we do not have a cut-off score for the above tests. While a good score in any of these tests helps, an average score can be compensated for by achievements in other areas.
- **Work Experience**: Candidates with full-time work experience (more than 1 year) will be preferred. However, this is not a mandatory requirement. The diverse professional experience of students contributes to the rich and stimulating learning experience. Successful candidates must demonstrate managerial and leadership potential, drive and focus.

Application and Admission Process
You may apply for admission to the MBA programme of Assam Don Bosco University in one of the following ways:

1. Obtain the prospectus and application form from the Offices of Don Bosco Institute of Management, Kharguli, Guwahati, on payment of Rs.1000.00 (Rs. 1100.00 if the candidate is required to appear for DBU-PGET). Fill in the application form and submit it at the Administrative Office of DBIM. Please note that a separate Prospectus for MBA is to be procured from Don Bosco Institute of Management, Joypur, Kharguli, Guwahati 781004, Assam; Phone +91 8638661513; admin@dbim.ac.in; www.dbim.ac.in
2. The application form may be downloaded from www.dbim.ac.in. Print out a copy of the form and fill up the requisite details and send the completed form with a Demand Draft in favour of "Don Bosco Institute of Management" for the requisite amount, to the address "Administrative Officer, Don Bosco Institute of Management, Joypur, Kharghuli, Guwahati – 781004."
3. One may also apply online at www.dbim.ac.in. A candidate desirous of applying online must first prepare a Demand Draft for the requisite amount in favour of "Don Bosco Institute of Management" before applying. Once the application procedure is complete, the DD is to be sent to the address given in (b) above.
4. Appear for DBU-PGET, if you have not appeared for a National Level Entrance Test such as GMAT, CAT, XAT, MAT, AICTE-CMAT, etc. Those who are required to appear for DBU-PGET will be informed in person about the date and time of the test.
5. Take part in the Group Discussion and Personal Interview on dates which will be informed to the candidates personally.
6. Candidates selected on the basis of their performance at the Entrance Test, Group Discussion and Personal Interview based on the criteria listed above, will be expected

to register themselves for admission at Don Bosco Institute of Management on dates which will be intimated. At the time of registration they will be required to produce original certificates for verification.

Tentative Dates for 2019-20
1. Start of Application Process /Sale of Application Forms – Ongoing
2. DBU-PGET /Group Discussions/Personal Interview – Ongoing
3. Institute Orientation – 2nd Week of July
4. Start of 2019-2020 Session – 3rd Week of July

FEE STRUCTURE AND PAYMENT SCHEDULE

	1st Instalment	2nd Instalment	3rd Instalment	4th Instalment	5th Instalment	6th Instalment	Total
Admission Fees	20,000						20,000
Tuition Fees	51,000	51,000	51,000	51,000	51,000	51,000	3,06,000
Development Fees	9,000	9,000		9,000			27,000
Library Fees	5,000	5,000	5,000				15,000
Co-Curricular Activities	2,500			2,500			5,000
Placement Assistance Fees				3,000			3,000
Total Academic	**87,500**	**65,000**	**56,000**	**65,500**	**51,000**	**51,000**	**3,76,000**

Requisites

	1st Instalment	2nd Instalment	3rd Instalment	4th Instalment	5th Instalment	6th Instalment	Total
IT Services		2500		2500			5000
Mediclaim	1500						1500
Alumni Fund						2000	2000
Uniform (2 Sets)	2250						2250
Blazer	2250						2250
Caution Deposit (refundable)	2000						2000
Total Requisites	**8000**	**2500**	**0**	**2500**	**0**	**2000**	**15000**
Grand Total	**95,500**	**67,500**	**56,000**	**68,000**	**51,000**	**53,000**	**3,91,000**

Hostel Accommodation
- Hostel Accommodation Charges : Rs. 2,000 per month
- Own/Self-incurred : Rs. 3,000 per month

DOCTOR OF PHILOSOPHY (PhD)

Higher education and research constitute the backbone of University systems as they focus on the promotion of the human mind, the search for truth, the development of knowledge specialists, the evolution of culture, and the betterment of life in all its myriad manifestations.

Assam Don Bosco University has set for itself a clear mission of playing a leading role in research and scholarship. Following the time-hallowed traditions of the great universities of the world, ADBU seeks to make itself a centre for culture, knowledge, research, intellectual ferment, critical thinking and analysis of whatever shapes and impacts human life, a centre that influences thinking, planning and policy making on vital aspects of social life such as religion, culture, society, politics, governance, education, health care, etc.

Eligibility

- At least 55% marks or a CGPA of 6.0 on a scale of 10 for the Master's degree, M. Tech or M. Phil in the concerned subject or an allied subject.
- Entrance test and/or interview to be conducted by the University.

Thrust Areas for Research

- Biochemistry
- Biotechnology
- Chemical Sciences
- Civil Engineering
- Commerce
- Comparative Religion
- Computer Science
- Economics
- Education
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Language Studies
- Management
- Mass Communication
- Mathematics
- Mechanical Engineering
- Microbiology
- North East India Studies
- Philosophy
- Physics
- Psychology and Counselling
- Social Work
- Zoology

The admission process for the PhD programmes generally starts in December of every year. A separate notification and prospectus will be issued, which candidates can access from www.dbuniversity.ac.in.

CENTRE FOR OPEN & DISTANCE EDUCATION
(DBU GLOBAL)

State of the art online virtual classroom at your doorsteps
Designed for the working professionals and their convenience
Globally accepted and approved university courses
… for career advancement, personal growth, self-assurance.

The University has an Online distance education programme approved by the DEC. The on-line education portal of the university (www.dbuniversity.ac.in/dbuglobal) offers programmes in management and computer applications. On the anvil are programmes in child rights, environment sciences, financial markets management, teacher education, comparative religion, philosophy, social work, north-east India studies, etc.

The university has adopted a rolling pattern of admission right through the year to give maximum flexibility to applicants to enable them to juggle the demands of work and study at their convenience. The Centre is designed to make higher education available to anyone, anytime, anywhere.

You can:
- Enroll 24 hours a day, seven days a week, 365 days a year
- Study at a time and place, and pace that is of your choice, and,
- Plan your examination dates to suit your convenience and schedule.

We will be happy to serve you and your learning needs as you forge ahead in your career.

Get more details at: **www.dbuniversity.ac.in/dbuglobal**

Get University Certified
No Fees. No Charges. No hassles. Just learning.
India's first and only tuition free Online University Platform.

http://www.uglobal.org

Certificate Course in Management

Certificate Course in Entrepreneurship

Marketing Management

Strategy in Business

ADMISSION PROCEDURE
(Graduate Programmes)

1. Obtain our Prospectus
- University offices at Tapesia Campus, Azara Campus and Kharguli Campus.
- Don Bosco Youth Centre, Laitumkrah, Shillong.
- Online from www.dbuniversity.ac.in/a

Cost of Prospectus: Rs. 600 (Rs. 650.00 if applying by post), payable in cash, Net Banking, credit/debit card or DD in favour of 'Assam Don Bosco University' payable at Guwahati.

2. Apply
Visit the online application portal of the University (www.dbuniversity.ac.in/a), register yourself using a valid e-mail id. Follow the "Steps for Application" given on the portal and enter the required information. Submit the application using the Prospectus ID and Prospectus Key.

Or

Fill in the application form enclosed in the prospectus and post it to Registrar (Admissions), Assam Don Bosco University, Airport Road, Azara, Guwahati – 781017, Assam.

Or

Download the application form from our website (www.dbuniversity.ac.in) fill it and post it to Registrar (Admissions), Assam Don Bosco University, Airport Road, Azara, Guwahati – 781017, Assam, with an application fee of Rs. 650.00.

3. Take Admission
- **BTECH:** Admissions will be given on a first-come-first-served basis into preferred branches (according to availability of seats) from the date the candidates fulfil eligibility criteria, i.e., have the result of the qualifying examination and a valid entrance test
- **BBA, BCA, BCOM, BA & BSc (Honours)**: Admissions will be given on a first-come-first-served basis to candidates who fulfil the eligibility criteria after the results of the qualifying examinations are declared.
- At the time of admission, the candidates must be accompanied by their parent(s). The candidates must produce:
    1. Originals of marksheets and entrance test score cards (if applicable) for verification.
    2. Proof of date of birth
    3. Caste/Tribe/Community certificate if applicable
    4. Student health form, duly filled
    5. Anti-ragging form, duly filled and signed

4. Pay Fees
- Candidates who are shortlisted for admission are to pay the admission fees (non-refundable) at any of the University Offices before 5:00 pm on the day of admission. If this is not done, the offer of admission will stand cancelled. The balance fees payable are to be paid within 7 days. The payment may be made in the following modes:

1. DD in favour of "Assam Don Bosco University" payable a Guwahati and sent to the Registrar, Assam Don Bosco University, Tapesia Gardens, Kamarkuchi, Sonapur – 782 402 or submitted in person at the University office at Azara or Tapesia.
2. PayTM
3. PayU
4. Credit/Debit Card
5. Pay online at the admission portal of the university: www.dbuniversity.ac.in/a.
6. NEFT to the University account:
   Bank: South Indian Bank
   Branch: Guwahati
   Account Holder's Name: Assam Don Bosco University
   IFSC: SIBL0000473
   Ac. No. 0473053000004814

After payment of the fee, copy of the counter foil with UTR no, date of payment and Bank with Branch name must be furnished for completion of the task of payment of the fee.
- Failing payment, the admission shall stand cancelled and the seat offered to other candidates. In addition to the means mentioned above, the balance fees may also be paid online.
- ***Please note that no fees will be accepted in cash or cheque.***

Please Note
- You may visit the online application portal of the university (www.dbuniversity.ac.in/a) register yourself using a valid e-mail id. Follow the "Steps for Application" given on the portal and enter the required information, submit the application and pay the application fee of Rs. 600.00 online using Net banking, credit/debit card.
- If you are applying before the declaration of the results of the qualifying examination or of the results of the requisite entrance test, you must visit the website later and enter the required marks. Those who have applied using the enclosed application form or the application form downloaded from our website too should register on our application portal (www.dbuniversity.ac.in/a) using the option "Link Application with Prospectus ID", enter the Prospectus ID and Prospectus Key (password) provided in the prospectus /sent to your e-mail ID, and enter your marks.

ENTRANCE TEST (DBU-GET) FOR BTECH
(Regular and Lateral Entry)

B.TECH (Regular)
- Those who do not appear for JEE or State Entrance Tests must appear for Don Bosco University Graduate

Entrance Test (DBU-GET).

- The DBU-GET for BTECH will examine the candidates on their proficiency in Physics, Chemistry and Mathematics at the class XII level
- BTECH Entrance Tests will be conducted at the Tapesia Campus, Azara Campus and at Don Bosco Youth Centre in Shillong

B.TECH (Lateral Entry)

- All candidates for BTECH (Lateral Entry) must appear for Don Bosco University Graduate Entrance Test (DBU-GET).
- The DBU-GET for BTECH (Lateral Entry) will examine the candidates on Mathematics, Computer Science, English Usage and the discipline into which they seek admission.
- BTECH (Lateral Entry) Entrance Tests will be conducted only at Azara Campus, Assam Don Bosco University. It will be followed by personal interviews on the same day. The entire process is expected to take about 6 hours.

Important Dates

4 May 2019: First Entrance Test – BTECH (Regular) for applicants who have not appeared for JEE or State Entrance Tests **(Apply before 2 May 2019)**

15 June 2019: First Entrance Test – BTECH (Lateral Entry) (Apply before 13 June 2019)

Note: Those who apply subsequently will be administered tests as required and given admission on a first-come-first-served basis subject to availability of seats.

Commencement of classes:

BTECH (New Admissions & Lateral Entry) : 11 July 2019
All other programmes (New Admissions) : 25 July 2019

ADMISSION PROCEDURE
(All Post Graduate Programmes except MBA)

1. Obtain our Prospectus

- University offices at Tapesia Campus, Azara Campus and Kharguli Campus
- Don Bosco Youth Centre, Laitumkrah, Shillong
- Online from www.dbuniversity.ac.in/a

Cost of Prospectus: Rs. 600 (Rs. 650.00 if applying by post), payable in cash, Net Banking, credit/debit card or DD in favour of 'Assam Don Bosco University' payable at Guwahati.

2. Apply

Visit the online application portal of the University (www.dbuniversity.ac.in/a), register yourself using a valid e-mail id. Follow the "Steps for Application" given on the portal and enter the required information. Submit the application using the Prospectus ID and Prospectus Key.

Or

Fill in the application form enclosed in the prospectus and post it to Registrar (Admissions), Assam Don Bosco University, Airport Road, Azara, Guwahati – 781017, Assam.

Or

Download the application form from our website (www.dbuniversity.ac.in) fill it and post it to Registrar (Admissions), Assam Don Bosco University, Airport Road, Azara, Guwahati – 781017, Assam, with an application fee of Rs. 650.00.

3. Take Admission

All candidates are required to appear for an Entrance Test and/or a personal interview according to the schedule given below:

Programme	Entrance Test / Personal Interview	Date	Venue
MCA, MCA (Lateral Entry)	Entrance Test and Personal Interview*	4 May 2019 15 June 2019 6 July 2019 (applications should be submitted at least 2 days before the entrance test)	Azara Campus
MTech	Entrance Test and Personal Interview*	6 July 2019 (Apply before 4 July) The dates will be informed personally to those who apply after 6 July	Azara Campus
MSW	Entrance Test and Personal Interview*	4 May 2019 15 June 2019 6 July 2019 (applications should be submitted at least 2 days before the entrance test)	Tapesia Campus
MSc (Biochemistry, Biotechnology, Botany, Chemistry, Mathematics, Microbiology, Physics, Zoology) MA (Education, English, Mass Communication,) MSc Psychology	Personal Interview	Dates will be informed personally	Tapesia Campus

- Please note that Entrance Test and Personal Interview will be conducted on the same day. The process is expected to take about 6 hours.
- Admission will be given on the basis of past academic record and performance at the Entrance Test / Personal Interview.
- At the time of admission, the candidates must produce
  1. Originals of marksheets for verification
  2. Proof of date of birth
  3. Caste/Tribe/ Community certificate if applicable
  4. Student health form duly filled

4. Pay Fees

- Candidates who are shortlisted for admission are to pay the admission fees (non-refundable) at any of the University Offices before 5:00 pm on the day of admission. If this is not done, the offer of admission will stand cancelled. The balance fees payable are to be paid within 7 days. The payment may be made in the following modes:
  1. DD in favour of "Assam Don Bosco University" payable at Guwahati and sent to the Registrar, Assam Don Bosco University, Tapesia Gardens, Kamarkuchi, Sonapur – 782 402 or submitted in person at the University office at Azara or Tapesia.
  2. PayTM
  3. PayU
  4. Credit/Debit Card
  5. Pay online at the admission portal of the university: www.dbuniversity.ac.in/a.

6. NEFT to the University account:
    Bank: South Indian Bank
    Branch: Guwahati
    Account Holder's Name: Assam Don Bosco University
    IFSC: SIBL0000473
    Ac. No. 0473053000004814

After payment of the fee, copy of the counter foil with UTR no, date of payment and Bank with Branch name must be furnished for completion of the task of payment of the fee.

- Failing payment, the admission shall stand cancelled and the seat offered to other candidates. In addition to the means mentioned above, the balance fees may also be paid online.
- *Please note that no fees will be accepted in cash or cheque.*

Please Note

- You may visit the online application portal of the univeristy (www.dbuniversity.ac.in/a) register yourself using a valid e-mail id. Follow the "Steps for Application" given on the portal and enter the required information, submit the application and pay the application fee of Rs. 600.00 online using Netbanking, credit/debit card.
- If you are applying before the declaration of the results of the qualifying examination or of the results of the requisite entrance test, you must visit the website later and enter the required marks. Those who have applied using the enclosed application form or the application form downloaded from our website too

should register on our application portal (www.dbuniversity.ac.in/a) using the option "Link Application with Prospectus ID", enter the Prospectus ID and Prospectus Key (password) provided in the prospectus /sent to your e-mail ID, and enter your marks.

City-wise Admission

Assam Don Bosco University will conduct Admission Counselling at various cities in May 2019. Candidates desirous of taking admission into any of the programmes of the University (except BTECH (Lateral Entry) and MTECH) are requested to contact the University officials when they visit the cities.

- Admission will be given (subject to availability of seats) based on the performance at Entrance Test / Personal Interview as required for the programmes.
- Candidates will be required to fill in the application form and pay the admission fees to take admission. The balance fees may be paid online or at the offices of the University according to the schedule informed at the time of admission.
- Candidates for Master's Degree programmes, whose Degree results are not yet available, may also take admission. Their admission will be provisional until they furnish evidence of fulfilling the eligibility criteria stated in the prospectus within 3 months of the commencement of the programme.

Cities where admissions will be conducted: Shillong, Kohima, Imphal, Aizawl, Silchar, Agartala, Dibrugarh, Itanagar.

Exact dates will be informed by public notices and advertisements.

Reservation of Seats

- The guidelines of the State Government on reservations are adhered to.
- 10% of the seats are reserved for candidates from Don Bosco Society related institutions and 20% of the seats are reserved for candidates from the Christian minority community.
- The minimum eligibility criteria are applicable to all categories.

FEE STRUCTURE & PAYMENT SCHEDULE

BTech

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		57,000	85,000
January 2020			15,000	57,000	72,000
July 2020			15,000	57,000	72,000
January 2021				57,000	57,000
July 2021			15,000	57,000	72,000
January 2022				57,000	57, 000
July 2022			15,000	57,000	72,000
January 2023				57,000	57, 000

Apart from the above schedule, the fees may also be paid in one or two installments to avail of discounts:
   a) One-time payment of Rs. 4,80,000.00 at the time of admission.
   b) Two installments of Rs. 2,45,000.00 each, one at the time of admission and the other in July 2021
Please note that these installments do not cover admission fees and caution deposit.

BCA, BCom, BA Honours (English, Economics, Education,Psychology, Mass Communication)

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		25,000	53,000
January 2020			15,000	25,000	40,000
July 2020			15,000	25,000	40,000
January 2021				25,000	25,000
July 2021			15,000	25,000	40,000
January 2022				25,000	25,000

BBA

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		34,000	62,000
January 2020			15,000	34,000	49,000
July 2020			15,000	34,000	49,000
January 2021				34,000	34,000
July 2021			15,000	34,000	49,000
January 2022				34,000	34,000

BSc Honours (Botany, Chemistry, Physics, Mathematics, Zoology)

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		29,000	57,000
January 2020			15,000	29,000	44,000
July 2020			15,000	29,000	44,000
January 2021				29,000	29,000
July 2021			15,000	29,000	44,000
January 2022				29,000	29,000

MTech

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		33,000	61,000
January 2020			20,000	33,000	53,000
July 2020			20,000	33,000	53,000
January 2021				33,000	33,000

MCA

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		26,000	54,000
January 2020			15,000	26,000	41,000
July 2020			15,000	26,000	41,000
January 2021				26,000	26,000
July 2021			15,000	26,000	41,000
January 2022				26,000	26,000

MCom, MSW, MSc (Mathematics, Psychology), MA (English, Education)

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		25,500	53,500
January 2020			15,000	25,500	40,500
July 2020			15,000	25,500	40,500
January 2021				25,500	25,500

MA (Mass Communication)

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		33,000	61,000
January 2020			20,000	33,000	53,000
July 2020			20,000	33,000	53,000
January 2021				33,000	33,000

MSc (Biotechnology, Biochemistry, Microbiology, Physics)

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		33,000	61,000
January 2020			20,000	33,000	53,000
July 2020			20,000	33,000	53,000
January 2021				33,000	33,000

MSc (Botany, Chemistry, Zoology)

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2019	18,000	10,000		33,000	61,000
January 2020			15,000	33,000	48,000
July 2020			15,000	33,000	48,000
January 2021				33,000	33,000

Note: Other than the fees stated above, expenses incurred on Internship, Rural Practicum, Study Tour, Research Project, Fieldwork, and Block Placement are to be borne by the students

Fee Structure for International Students

Programme	Fee Type	SAARC USD	Other Asian/African Countries USD	Other Countries USD
All Programmes	Admission Fee	425	500	630
All Programmes	Caution Deposit	250	290	370
BTech	Annual Fee	350	410	530
	Tuition Fee	1200	1430	1890
BCA/BCom, BA	Annual Fee	350	410	530
	Tuition Fee	510	600	780
MTech, MSc (Physics, Biotechnology, Biochemistry, Microbiology) MA Mass Com	Annual Fee	450	530	680
	Tuition Fee	740	880	1160
MCA, MSW/MSc (Psychology, Maths)MA (Education, English), MCom	Annual Fee	350	410	530
	Tuition Fee	600	700	920
BBA	Annual Fee	350	410	530
	Tuition Fee	700	810	1060
BSc (Botany, Chemistry, Maths Physics)	Annual Fee	350	410	530
	Tuition Fee	650	760	1000
MSc (Botany,Zoology, Chemistry)	Annual Fee	350	410	530
	Tuition Fee	740	880	1160

Note
- University Registration Fees and Examination Fees are payable as prescribed from time to time.
- The Caution Deposit is refundable only while leaving the University on completion of the course, after adjustment of dues, if any.

Refund of Fees
- If a candidate applies for withdrawal and refund of fees before the commencement of classes, all fees paid except the Admission Fee shall be refunded after a deduction of Rs. 1000.00 towards administrative expenses. Applications for refund of fees shall not be entertained after the commencement of classes.
- If a candidate who has been given provisional admission is unable to fulfill the eligibility criteria by 31 October of the year of admission, all fees paid except the Admission Fee shall be refunded after a pro-rata deduction of Tuition Fees and Annual Fees.

Bank Loans
The University makes all efforts to facilitate bank loans for candidates desiring to avail of this facility. (For further details log on to: http://www.ugc.ac.in/page/Educational-Loan.aspx)

Hostel Fees and Payment Schedule (Azara Campus*)

Month & Year	Admission Fees	Caution Deposit	Food & Accomodation	Total
July 2019	1000	5000	32,000	38,000
December 2019			32,000	32,000

Hostel Fees and Payment Schedule (Tapesia Campus*)

Month & Year	Admission Fees	Caution Deposit	Accomodation (only)	Total
July 2019	1000	5000	13,500	19,500
December 2019			13,500	13,500

*Note:
- The hostel fees for the Azara Campus are inclusive of room charges and food at the Campus Canteen located near the hostels.
- The hostel fees for the Tapesia Campus include only the room charges. A Food Court, strategically placed at the centre of the residential area, and Bosco Café close to the academic block serve meals and snacks. Students can avail of economically priced meals.
- Hostel registration is done each semester, however, admission fee is charged only once. For details of Hostel rules and regulations, consult Hostel Brochure.

TUITION FEE WAIVER AND SCHOLARSHIP SCHEMES
Students can avail of only one of the schemes

Assam Don Bosco University offers the following Tuition Fee Waiver schemes and Scholarship Schemes 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.

Tuition Fee Waiver Scheme

The University has made an amount of Rs **3,85,74,000 (Three crore eighty five lakh seventy four thousand)** available in the form of Tuition Fee Waiver. The eligibility, requirements for continuation, number of students who can avail from each Programme of Studies and the amounts are given below:

Course	Eligibility	Requirement for Continuation	No. of Students	Amount per Student	Total Amount
BTech	90% PCM, NE	8.5 SGPA	10	100% Tuition Fee	46,40,000
	80% PCM, NE	8.0 SGPA	15	35,000	42,00,000
	JEE/CEE merit list	7.5 SGPA	20	25,000	40,00,000
	Sports rep in NE	7.0 SGPA	5	15,000	6,00,000
MSC (Biochemistry, Biotechnology, Botany, Chemistry, Microbiology, Physics, Zoology) & MA (Mass Communication)	90% Qualifying Exam	8.5 SGPA	5 X 8 = 40	100% Tuition Fee	52,80,000
	80% Qualifying Exam	8.0 SGPA	2 X 8 = 16	15,000	9,60,000
	Sports rep in NE	7.0 SGPA	1 x 8 = 8	10,000	3,20,000
MCom, MSW, MSc (Mathematics, Psychology), MA (English, Education)	90% Qualifying Exam	8.5 SGPA	5 x 7 = 35	100% Tuition Fee	30,60,000
	80% Qualifying Exam	8.0 SGPA	2 x 7 = 14	10,000	4,80,000
	Sports rep in NE	7.0 SGPA	1 x 7 = 7	10,000	2,40,000
MTech	90% Qualifying Exam	8.5 SGPA	2	100% Tuition Fee	2,64,000
	80% Qualifying Exam	8.0 SGPA	1	10,000	40,000
	Sports rep in NE	7.0 SGPA	1	10,000	40,000
MCA Regular	90% Qualifying Exam	8.5 SGPA	5	100% Tuition Fee	5,20,000
	80% Qualifying Exam	8.0 SGPA	2	10,000	80,000
	Sports rep in NE	7.0 SGPA	1	5,000	20,000
BSc Honours (Physics, Chemistry, Mathematics, Zoology, Botany)	90% Qualifying Exam	8.5 SGPA	5 x 5 = 25	100% Tuition Fee	43,50,000
	80% Qualifying Exam	8.0 SGPA	2 x 5 = 10	10,000	6,00,000
	Sports rep in NE	7.0 SGPA	1 x 5 = 5	5,000	1,50,000
BCA, BCom, BA Honours (Economics, Education, English, Mass Communication, Psychology)	90% Qualifying Exam	8.5 SGPA	5 x 7 = 35	100% Tuition Fee	52,50,000
	80% Qualifying Exam	8.0 SGPA	2 x 7 = 14	10,000	21,00,000
	Sports rep in NE	7.0 SGPA	1 x 7 = 7	5,000	2,10,000
BBA	90% Qualifying Exam	8.5 SGPA	5	100% Tuition Fee	10,20,000
	80% Qualifying Exam	8.0 SGPA	2	10,000	1,20,000
	Sports rep in NE	7.0 SGPA	1	5,000	30,000
Total					**3,85,74,000**

Sports rep in NE = Sports persons who have represented any State of NE India in any sports.

SCHOLARSHIPS

Apart from the above fee waiver schemes, Assam Don Bosco University offers a few merit-cum-means scholarships to ensure equity in access to the programmes it offers. The following tables give details of the different scholarships:

On the basis of merit at the qualifying examination

Programme(s)	Eligibility	Amount (per semester)	Number of Scholarships
Masters – HSS*	65% and above at Bachelor's Degree	10000	5
Masters - Sciences	70% and above at Bachelor's Degree	10000	2
BTECH, MTECH	75% and above at qualifying examination	10000	4

These scholarships are awarded for a semester at a time. The awardees will continue to get this scholarship in subsequent semesters, provided they obtain an SGPA of 7.5 (7.0 for Humanities and Social Sciences) in the previous semester. If the awardee fails to get this SGPA in any two semesters, the scholarship will be stopped.

On the basis of economic status

Programme(s)	Eligibility	Amount (per semester)	Number of scholarships
Masters – HSS*	Gross family income less than 2,00,000.00 per annum (to be	10000	2
BTECH	certified by the Panchayat President or equivalent) fulfilling	10000	4
BA, BSc, BCom	minimum eligibility criteria of the programme	10000	4

These scholarships are awarded for a semester at a time. The awardees will continue to get this scholarship in subsequent semesters, provided theydo not have any 'F' graded course in the previous semester. If the awardee has 'F' graded courses in any two semesters, the scholarship will be stopped.

PHD

Faculty members of Assam Don Bosco University pursuing PHD studies at ADBU are given a scholarhsip of Rs. 10,000 annualy.

Please Note

- Tuition waiver schemes will be implemented at admission.
- Applications for scholarships will be invited by the Chairperson of the Scholarship Committee within a week of the starting of the Academic Year, and screened following the norms laid down by the Committee. The Committee will announce the recipients of the scholarships within a month of the commencement of the Academic Year.

ABOUT DON BOSCO UNIVERSITY

Don Bosco Society

The sponsoring body, the Don Bosco Society, a religious order of the Catholic Church established by St. John Bosco, is actively engaged in educational and social services in 132 countries. Its global network of educational and social service organizations include 15 universities, 96 institutions of higher education and thousands of schools and social development centers, catering preferentially to the less privileged and marginalized sections of society.

In India, the Society offers its services through 41 colleges, which include 3 engineering colleges, 125 technical schools, and a large network of high schools, agricultural training centers, literacy centers, shelters for street children and relief and rehabilitation operations, covering the entire spectrum of social development.

Vision of Don Bosco University

We strive to mould intellectually competent, morally upright, socially committed and spiritually inspired persons at the service of India and the world.
We want our graduates to be dependable human beings.
We aim at excellence in the teaching, learning and evaluation process, in research, consultancy and extension programmes.
We ensure a continuous and on-going evaluation of every process in the system.

University Coat of Arms

The spirit of the University has been encapsulated in its emblem which has five distinct elements:
1. "The Cross" signifying its underlying Christian inspiration;
2. "The Profile of St. John Bosco" to denote its distinctive educational philosophy;
3. "The Rays of the Rising Sun" standing for its dynamism and commitment to society;
4. "The Book" emphasizing excellence in study and research; and,
5. The motto "Carpe Diem" which translates as "Seize the Day", challenging every Bosconian to grasp the opportunities presented by each new day and attain "life in its fullness."

Our Campuses

We are located at Guwahati, the gateway to North East India, in four campuses.
- **The Tapesia Campus (main campus)**, nestled in the serene Tapesia Gardens, off National Highway 37, is spread over 300 acres of undulating hills. A state-of-the-art campus with a capacity to house 5000 students and staff, an uplifting confluence of natural beauty and architectural excellence, currently houses the Schools of Humanities and Social Sciences, Applied Sciences and Life Sciences.
- **The Azara Campus**, off the Airport Road, set in an environment of beautifully laid out gardens and lush green lawns houses the School of Technology.
- **The Kharguli Campus**, situated in the Ramsai Hills, on the majestic Brahmaputra, is an architectural marvel and houses the School of Commerce and Management as well as conducts non formal vocational courses.
- **Maligaon Campus**, adjacent to the Railway Colony, is totally dedicated to formal and non formal vocational and skill developmental courses.

DON BOSCO AMBIANCE

Infrastructure

Well-equipped classrooms (with LCD projectors and audio systems), workshops, laboratories, canteens, coffee shops and auditoriums contribute to the creation of a comfortable and memorable learning experience. 'Book Cafe' provides text books (used and new), reference books, buy back and rental facilities, and a corner for quiet browsing through a variety of relevant titles. All reprographic and printing facilities as well as binding and laminating are taken care of at the printing corner.

Learning Resources

Well-stocked, spacious and computerized libraries beckon the students to scholarship and research. The University subscribes to a number of e-resources such as IEEE ASPP-POP, Elsevier ScienceDirect, JSTOR, EBSCO, etc. The University also has a repository of NPTEL lectures, videos and other learning material.

IT Facilities

The University provides its students with state of the art, tastefully furnished computer labs, with over 500 computers networked under Linux; a computing centre with Internet enabled computers to serve the day-to-day computing needs of students; two language labs equipped with student consoles and language lab software and digitized audio and video material to develop interactive language skills. Broadband access with static IP addresses takes care of internet browsing requirements. The campuses are wi-fi enabled. While the University promotes the use of Free and Open Source Software, Legal Microsoft software is available to the staff and students under MSDN Academic Alliance.

High Speed Internet Connectivity and Link to National Knowledge Network (NKN)

Don Bosco University enjoys a high speed 1Gbps internet bandwidth access accorded to universities coming under the NKN network. This massive bandwidth links the university to the NKN network of institutions, providing access to a large number of libraries, on-line lectures, archived lectures of various IITs, virtual classrooms and many more facilities available under NKN.

ERP

An ERP (Enterprise Resource Planning) implementation has ensured that all processes within the university are computerised and information readily accessible to authorised users (administrators, faculty, students and parents). Right from the application stage up to the time one leaves the university one can monitor one's progress and access one's records from the ERP system.

Entrepreneurship Development and Incubation Centre (EDIC)

The University has set up an 'Entrepreneurship Development and Incubation Centre' that will benefit the students of the university as well as the general public, with the active involvement of Entrepreneurship Development Institute of India (EDII) Ahmadabad, industrial houses and venture capital funding agencies. The Centre will provide an enabling atmosphere to the would-be entrepreneur to realize his/her dreams through a variety of workshops, training programmes and handholding activities.

Counselling and Campus Ministry

The University gives great importance to counselling as evidenced by the presence of counsellors in the campuses. The campus ministry programme of the university ensures the holistic development of the person - providing a divine dimension to one's life, promoting the personality development of each student, organizing group activities and student clubs, ensuring the social involvement of students and coordinating with the placement cell to groom students for their future careers. There is a Chapel (prayer hall) in each campus into which one can withdraw for reflection and meditation.

Training and Placement Office

The right placement for each student is a primary concern of our University. To achieve this dedicated placement cells work towards recognizing and developing the core competencies and enhancing interpersonal and communication skills of every student. The national and international linkages of Assam Don Bosco University and its curriculum which is designed to meet the changing demands of the industry, give the students of the university an advantage in the employment market. Details of the training and placement activities of the University are given on page 56.

Health Services

The health services at the University are supported by 'Project CHILD' - an NGO formed by a group of medical doctors.

Qualified nurses are on duty during class hours for First Aid and emergency care. The nurse's duty room is 'Telemedicine' enabled to facilitate a duty doctor from the city centre clinic to observe visually the patient and instruct the nurse about the proper action to be taken. In serious cases, an ambulance stationed at the university will take the affected persons for professional medical treatment. Annual medical camps provide free eye, dental, ENT and general check-ups. Life-style management and life-savers programmes are conducted regularly. Individual health records are also maintained.

Journals

To instill an atmosphere of research, academic enrichment and publication among the faculty and students of the University, the University publishes five International Journals – *Journal of Northeast Indian Cultures, ADBU Journal of Engineering Technology, The Journal of Development Practice, Journal of Applied and Fundamental Sciences and Journal of Management in Practice.* The online journals are available at http://journals.dbuniversity.ac.in

The School of Technology publishes an annual College Journal – CREAZONE – which serves as an expression of the technical and creative abilities of the students of the School. The School of Commerce and Management publishes a six-monthly business magazine – BRAHMAPUTRA – the first of its type in the North East which focuses on business principles, environment and opportunities in North East India.

Hostels

At the Azara campus, the University has two hostels, one for men (Carreño Hall) and the other for women (Ferrando Hall) to accommodate about 500 students - 300 seats for men and 200 for women. Besides offering to its inmates opportunities for sports facilities and cultural and recreational expression, these hostels offer a homely and safe atmosphere for study, growth and integral development. These hostels

are wi-fi enabled and have back-up power supply. Contact: Warden, Carreño Hall (Men's Hostel) –7896956640 Warden Ferrando Hall (Women's Hostel) – 9435554787.

Once the hostel seats are full, the University will guide the students to other suitable hostels. Azara being a residential suburb of Guwahati, paying guest accommodations are available at very reasonable rates close to the university

At the Kharguli Campus, hostel facilities are available for all students. The Tapesia Campus is a residential campus and well-appointed hostel facilities are available for all students there. Contact Superintendent of Hostels: +91 94768 49585

Transport

The Azara Campus has chartered buses to ply between the city and the University daily. The Tapesia Campus is also very well connected by city buses, and trekker taxi services.

Teaching, Learning and Evaluation

At the University, lectures, tutorials and lab work are augmented by periodic seminars, symposia, field work, rural practicum, guest lectures and workshops which provide a more comprehensive view of the subject than mere lecture methodology. Interface with industry and interaction with practicing professionals are organized from time to time, to keep the students abreast of current developments giving them the 'knowledge-plus-experience' edge.

Evaluation of students is done continuously through class tests, quizzes, assignments, seminars, projects, mid-semester examinations and end-semester examinations. This evaluation procedure, designed to test the analytical and problem solving skills and creative thinking of students, focuses upon their performance throughout the year.

Language Lab

The university has set up a spacious computerised language

Women's Hostel

lab to facilitate the learning of Spoken English among the students. A number of students who join the University are from vernacular medium educational background and, as such, they need to be taught afresh the English language. The Lab facilitates the teaching-learning of expressions in English in different contexts and the pronunciation of words, sentences and expressions with user-friendly audio–visual aids. It aims at enabling the students to learn and correct themselves so as to be able to communicate in English confidently with a reasonable fluency and clarity.

Links with IIT Bombay

The University has a close collaboration with IIT Bombay. Apart from eminent professors from IIT Bombay visiting ADBU and conducting workshops and giving lectures at conferences, ADBU collaborates actively in these projects of IIT Bombay - two of which are funded by MHRD through NMEICT (National Mission on Education through Information and Communication Technology).

Remote Centre of IIT Bombay : The School of Technology is a Remote Centre for IIT Bombay to participate in the project, "Empowerment of Students/Teachers through Synchronous & Asynchronous Instruction." Through this initiative of NMEICT, IIT Bombay conducts two-week training workshops for faculty of engineering institutions through live video-conferencing during the vacation period in summer and winter at the School of Technology. Apart from further enhancing the proficiency of our faculty and those of neighbouring engineering colleges, it will also facilitate frequent interaction between our students and the faculty at IIT Bombay.

Knowledge Partner for Spoken Tutorials: The Spoken Tutorials Project of IIT Bombay has made Assam Don Bosco University a Resource Centre working as their Knowledge Partner in Assam. The project is also a part of the NMEICT, MHRD to spread IT literacy all over India.

Talk to a Teacher Project : The School of Technology participates in the 'Talk to a Teacher Project' of NMEICT. Through this programme the students of the School of Technology have the opportunity to interact live via video conferencing with the faculty members of IIT Bombay every Thursday for one hour, ask questions and clarify doubts in the engineering disciplines.

Project Based Learning

Mini and major practical projects are included in the curriculum of BTECH, MTECH and MCA students to inculcate the habit of working with circuits, set-ups, software, models, etc. Students' progress in the projects is monitored by the faculty members by conducting seminars/presentations at regular intervals. Outstanding performance of our students in the national level competitions organized by various prestigious institutions bear witness to the effectiveness of our methods.

Anti-Ragging Cell

To curb the menace of ragging and to foster a friendly and family atmosphere on the campus, an anti-ragging cell has been set up in compliance with the UGC directives. All students and Parents/Guardians are required to file an anti-ragging affidavit online. (Website: www.antiragging.in/ helpline@antiragging.in / Toll free number: 1800-180-5522)

Industry-Academia Interaction Programmes

Guest lectures and interaction programs are organised regularly to give exposure to our students and to provide opportunity for them to listen to the professionals from industry. This helps them to become familiar with the opportunities, pitfalls, pressures and expectations of industry and thus prepare themselves for their careers.

College Association

An innovative venture of the university is a School-level association of representatives of various stake holders - students, staff, faculty and management. The association endeavours to take advantage of every opportunity to create an environment that nurtures life in its fullness for every member of the institutional community and set it on the path to excellence. It takes charge of organizing most of the co-curricular activities such as the annual festivals, quizzes, debates, competitions and social events – welcomes, farewells, etc

Student Clubs

There are a number of co-curricular and extra-curricular clubs in the university. At the School of Technology there are co-curricular clubs such as Coding Club, Web Designing Club, Circuitronics Club, Robotics Club and Basic Sciences club which conduct activities and competitions to hone the technical skills of the students. On the other hand, the extra-curricular clubs such as the Sports Club, Literary Club, Music and Dance Clubs, the Dramatics Club (Rangayan) and the Arts and Crafts Club aim at developing the other talents of the members and other students. All students are encouraged to be members of one co-curricular club and one extra-curricular club according to their inclinations and take active part in their activities.

The School of Commerce and Management promotes the clubs 'Prajjwal', 'Reflectivz' and 'Ascenders' which encourage a variety of activities such as promotion of corporate social responsibility, enhancement of knowledge skills and creativity.

The Department of Social Work has initiated the "Social Work Students' Forum" which facilitates and channelizes all activities of Social Work Students, such as workshops, outreach programmes, lecture series, etc.

The Red Ribbon Club of the University spreads awareness about the dangers of AIDS among youth in general, and students in particular.

D'Verve, Boscosiad, University Week

D'Verve and Boscosiad are the annual sports and cultural extravanganza organised by the Azara Campus and Tapesia Campus respectively. Tournaments and competitions are conducted in a variety of sports, cultural and literary events. Apart from games, there are competitions in dance, music and singing, art, literary skills, etc. It's a time of fun and frolic and an opportunity for the students to showcase their talents in a variety of areas. The University Week brings together the winners for a grand finale.

JourNEI

JourNEI is an annual event organized by the School of Commerce and Management. North East India is rich in cultural diversity and efficient human resource base, but there is a huge gap between the potential and performance. With the purpose of bridging this gap and developing proper managerial talents, JourNEI is organised each year. An interactive platform for some of the sharpest minds from both academic and corporate world, JourNEI is an effort towards initiating stimulating events for students from various business schools from the region and beyond.

Prajyukttam

Prajyukttam – 'Igniting Excellence' – is the annual inter-college technical fest organised by the School of Technology. It is an opportunity to enter into a new horizon of excellence through the medium of technology. Through events such as Collision Grid, Labyrinth, Algo-Rhythm, Prototype, Frontpage and Interrobang, students of various higher educational institutions of Assam are invited to showcase their technological brilliance.

Library Collaborations

Assam Don Bosco University has entered into agreements with the best institutions of higher learning and social sciences research in the North East by which students of the University may use the libraries of these institutions for research and consultation. Some of these institutions are: IIT Guwahati, Gauhati University, North East Social Research Centre, Guwahati, Sacred Heart Theological College, Shillong, St. Anthony's College, Shillong, Don Bosco College, Tura, Tezpur University, Tezpur.

ADBU Library is partially automated using Koha ILMS an integrated system connected to all the three campuses i.e., Azara, Tapesia & Kharguli, providing online access to catalogue & e-resources. The entire Library collections and e-resources are made available through OPAC (On-line Public Access Catalogue) that can be accessed from terminals in all campuses. Direct access to Science Direct and Jstor are included and the following links shared: DOAJ, INFLIBNET's IR, OAJSE, PROJECT GUTENGBERG, OPEN DOAR, NISCAIR OAJ, SHODHGANGA-ETD, BIO MED, ICSSR data service, eGyankosh, ARXIV, SSRN, UPSCFEVER, SSCL, e-PGPathshala, PDF Drive.

University Memberships & Collaborations

Assam Don Bosco University is a member of Associations of International Universities such as
- International Association of Universities (IAU)
- Association of Commonwealth Universities (ACU)
- Association of Indian Universities (AIU)
- Salesian University Institutions (IUS)

The University has established a web of collaborative arrangements with some of the outstanding universities and institutions around the world through Memorandums of Understanding (MoUs). Some of these prominent Universities and Institutions are:
- University of Chester, UK
- De Sales University, Pennsylvania, USA
- Asian Institute of Technology, Bangkok, Thailand
- University of Bangkok, Thailand
- Hof University, Bavaria, Germany
- University of Fribourg, Switzerland
- European Council for Nuclear Research (CERN, in the process of signing)
- Association of Chartered Certified Accountants
- Google India Pvt. Ltd.
- Centre of Plasma Physics – Institute for Plasma Research, Nazirakhat, Assam
- Construction Skill Development Council, India
- Electronics Skill Council of India
- North Eastern Space Applications Centre, Department of Space, Govt. of India, Umiam, Meghalaya

Workshops and Conferences

Research and development is given great importance at the University. Workshops and conferences are organised every year to bring together researchers and eminent academicians to provide a common platform for healthy interaction and exchange of research outcomes. The students of the University have the envious opportunity of mingling with researchers and listening to eminent academicians on these occasions.

The following are some of the Conferences and Workshops organized by the University in recent years:

Dates	Conference/Workshop	Resource Persons
29 August 2017	Symposium on Patent Awareness	Dr. Ranjit Kr. Barman, Siddhartha Debnath
9 September 2017	A workshop on 'Building Effective Student-Teacher Relationships'	Departmental Experts of ADBU
5-7 October 2017	A three day meet of North East Astronomers, jointly organized by the University and Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune	Prof. Ranjeev Mishra, IUCAA
6-7 October 2017	National Exhibition & Conference on New and Renewable Energy (NECONRE-2017) in association with Assam Energy Development Agency (AEDA)	Prof. D.P. Kothari and Other Experts
4 November 2017	One day Symposium on "Electronics-The Backbone of Internet of Things (IOT)".	Dr. Ferdous Ahmed Barbhuiya, Dr. Nayan Moni Kakoty, Prof. Sunandan Baruah
3 - 5 November 2017	Workshop Series on 'Understanding Child Growth and Development' for Anganwadi Workers	ADBU and University College Dublin Volunteers
19 - 20 January 2018	A two day workshop on 'Basic Plasma Physics'	Prof. K. S. Goswami, Prof. H. Bailung, Dr. B. K. Das, Dr. N. Aomoa and Dr. Bharat Kakati
29 Jan - 3 Feb 2018	Amazing Nano 2018, a one week National Workshop on Nanotechnology	Prof. Gabor Louis Hornyak, Somobrata Acharya, Dr. Hassan Mujtaba Jafri, Prof. Pranayee Dutta, Dr. Pabitra Nath, Dr. Shyamal Kumar Das, Mr. Arup Borah
9 February 2018	National Symposium on 'Recent Trends in Nanobiology'	Samrat Paul, Sunandan Baruah, Probin Phanjom
10-11 February 2018	Workshop on Arduino and Raspberry Pi (WAR)	Mr. Gitu Das, Mr. Jyoti Kumar Barman, Mr. Bikramjit Goswami and Ms. Pushpanjalee Konwar
1-2 March 2018	National workshop series on Understanding Child Growth and Development in Schools for school teachers	Experts from the Department of Education
3 March 2018	Workshop on Blockchain and Cryptocurrency	Mr. Hrishikesh Barman, Mr Surajit Sarkar, Indrajeet Bhuyan
10 March 2018	Workshop on Numerical Methods	Experts from the Dept. of Basic Sciences
22-23 March 2018	Portarait Photography Workshop	Mr El Dhar
23 -24 March 2018	Workshop on Youtubing	Mr. Raj Dutta.
9 April 2018	National Conference on Emerging Trends in the Area of Biosciences	Dr. Pawan Sharma, Dr Arup Kr Misra, Dr. Bula Choudhury
27 April 2018	National Seminar on Mental Health and Social Work Practice	Sri Mukul Chandra Goswami, Dr. Rajaram Subian, Dr Sonia P Deuri, Dr Kavita V Jangam, Dr Anjana Goswami
2 May 2018	Workshop on Solar Photo-Voltaic System	Mr. Papul Changmai, Mr Jesif Ahmed, Ms Smriti Dey, Mr Gitu Das, Mr Kaustubh Bhattacharya
4-16 June 2018	Two Week Summer Training cum Faculty Development Programme on Embedded Systems	Experts from the field
4 June 2018	Summer Training on Computer Aided Drafting	Mr Supran Chakravarty

4 June 2018	National Level cum Summer Internship on IoT and Android Applications	Ms. Usha Mary Sharma, Ms. Smriti Priya Medhi, Mr. Alexy Bhowmick
1-15 July 2018	Capacity Building Programme for Social Science Teachers	Prof. Dhruv Raina, Prof. Rohit Dwivedi, Prof. Walter Fernandes, Prof. Vinayak Srivastava, Prof. A.K. Thakur
5 July 2018	Professional Development Programme on 'Developing a Growth Mind-set for Navigating Change'	Prof. George Palamattathil, Prof. Parapully
14-15 July 2018	Pan Asia Data Journalism Boot Camp	12 Experts from India and Abroad
8 August 2018	Symposium on Neutrino Physics	Dr. Debasis Borah
11 August 2018	Symposium on Nanotechnology in Electronics	Prof. Sunandan Baruah, Prof. Pranayee Datta, Dr. Hassan Mujtaba
1 September 2018	12 Day Certificate Course on Learning Disabilities and Remedial Education	Ms Meenakshi Borthakur, Dr Sangeeta Goswami, Dr Bani Chakrvarty, Ms Manashi Devi , Ms Neel Harit Kaushik
15 September 2018	Workshop on 'Legal Awareness cum Gender Sensitization: POSH at work'	Ms Indrani Laskar, ACS
15 September 2018	Seminar on Financial Independence	Mr. Harsha Upadhyaya
4 October 2018	Workshop on HIV/AIDS Counselling	Ms Doly Barman
8 October 2018	Consultative Workshop on Fieldwork Education for Bachelor of Social Work Programme	Experts from the Dept of Social Work
12 October 2018	Workshop on Koha and Library Automation	Various experts in the field
23 October 2018	2 Week Orientation on NeuroPsychology and Addiction and Trauma	Prof. Roberto Ravera
26 October 2018	2 Day Workshop on MATLab and GNU Octave (WCP2018)	Prof Madhurjya P. Bora, Mr Parag Bhattacharya
17-21 November 2018	National Level Project Cycle Management Workshop	Dr. Lukose PJ
7-12 January 2019	FDP on Towards Outcome Based Teaching – Learning Approach	Prof. KC Kapoor
29 January 2019	Community Awareness Programme on First Responders	NDRF Personnel
29-30 January 2019	Workshop on Basic Plasma Phycics 2019	Dr. Mayur Kakati and Dr. B. J. Saikia, Dr. Ngangom Aomoa
16 -17 February 2019	Workshop on Arduino and Raspberry-Pi	Mr. Gitu Das , Mr. Jyoti Kumar Barman
25 February 2019	STTP on Nanotechnology 'Amazing Nano 2019'	Various Experts from India and Abroad
22 - 23 February 2019	National conference on "Trends in Modern Physics 2019 (TiMP 2019)	Prof. A. Srinivasan, Dr. Mayur Kakati, Dr. Sumita Sharma, Dr. Rajib Kar, Dr. L. Herojit Singh, Dr. Dulen Saikia, Prof. Atri Deshmukhya, Prof. B. N. Jyrwa, Dr. Joydeep Ghosh
11-16 March 2019	Training Programme on Bar Bending and Brick Masonry	Dept. of Civil Engineering
12 March 2019	Data Science and Big Data Analytics - The Future	Dr. Shakuntala Lata Choudhury
14 March 2019	Symposium on Gravitational Waves 2019	Prof. K.D. Krori
19 March 2019	Google Workshop on Investigative and Data Journalism	Ms Geetika Rustagi
25-26 March 2019	Project based Learning Activity on Application of GIS	Vaanahaa Education Innovations Labs
27 March 2019	Workshop on Neuro Linguistic Programming	Dr. I.J Milton Paulraj
29-31 March 2019	Certificate Programme on Professional Photography Practices	Mr. Bidyasagar Baruah
29 March 2019	Workshop on Latex Documents	Mr. Kaustubh Bhattacharya

CODE OF ETHICS AND BEHAVIOURAL GUIDELINES

A code of ethics is part of any profession. The University, as an institution imparting higher and professional education, has in place a Code of Ethics to serve as a guideline for forming attitudes, directing conduct and maintaining an environment of personal and institutional integrity.

All members of the university community are to abide by this code in letter and spirit, within and outside the campus.

Integrity

The University believes in and fosters personal, academic and professional integrity. Among other things, integrity calls for

- Being honest in examinations and assignments, and avoiding plagiarism and misrepresentation of facts.
- Not using computers to gain access to unauthorized information or objectionable websites.
- Not evading legitimate financial obligations

God-orientation

A student of Don Bosco University cultivates a basic God-orientation that contributes to the development of a healthy personality. This requires

- Respect for all religions and faiths.
- Active participation in assembly, prayer and all-faith prayer sessions that may be organized from time to time. However, no external form of worship other than that of the Catholic community shall be permitted in the campuses of the university.

Dress Code

A dress code expresses both professionalism and uniformity. A professional appearance helps to develop self-confidence and promote an environment of mutual respect and dignity. Hence the university may deem it fit to propose a dress code for the students of certain academic programmes. Wherever a dress code has been proposed by the university, all students shall abide by it.

Substance Abuse

Substance abuse such as tobacco, alcohol, drugs, etc., is contrary to the dignity of human beings and forms habits that destroy persons, families and society. They should not be brought into or used within the campus of the University.

Cell Phones

While cell phones have become very common, it is necessary that they be used judiciously. Their use during academic activities and official functions violates etiquette and manners. To prevent this, cell phones shall remain switched off in the campus, except in the canteens and the grounds.

Family Spirit

Assam Don Bosco University is a Don Bosco Institution. A fundamental characteristic of Don Bosco institutions is the family spirit. This is to be ensured by

- Cordiality in relationship between and among students and staff members
- Harmonious living and respect for members of other communities and religions.
- Not taking part in divisive activities and partisan politics or forming associations which go counter to the spirit of harmonious living. While the university fosters associations which have representatives from among the students, staff and management, union activities are not permitted in the campuses of the University.

Anti-Ragging

Ragging and eve-teasing are activities which violate the dignity of a person and they will be met with zero tolerance. An Anti-ragging Committee is in place to prevent/deal with violations according to the civil laws in force.

Community Service

The University values community and neighbourhood service as an integral part of education. Whenever the university organizes programmes to achieve this end, students are expected to take part in them whole-heartedly.

Discipline

Discipline is an essential aspect of the maturing process. The university shall provide an environment conducive to self-discipline. To maintain this environment,

- Students shall treat teachers and those in authority with due respect.
- Acts of indiscipline, insubordination and interference in administration are unacceptable.
- Acts of serious indiscipline will be dealt with by the Disciplinary Committee which comprises of university officials, faculty members and student coordinators.

Attendance

Regularity in attendance and punctuality are signs of one's commitment to learning. Hence,

- Any absence should be with prior sanctioned leave.
- In case of any emergency such as sickness, bereavement, etc., the parent or guardian must inform the concerned authority promptly.

Skill Acquisition

Education is more than acquiring knowledge. The university organizes programmes aimed at enhancing the skills required for an integrated personality. Active participation in these programmes is mandatory.

Respect for Property

Care and respect for common facilities and utilities are an essential component of social responsibility. In view of this, any willful damage to university property must be made good by the persons concerned.

Safety

Safety of individuals is an important issue. Hence, one's own safety as well as that of others should be the primary concern of every student, especially in the workshops and laboratories. While the university makes every effort to provide a safe and secure environment for work and study, the responsibility for individual safety lies with each student. The university cannot be held accountable for careless accidents.

Parents-Institution Linkage

By getting their wards admitted into a Don Bosco Institution, parents entrust them to the institution during the most crucial years of their lives - a period that prepares them to take on the responsibilities of adulthood. The university stands committed to providing them excellent education and integral formation. However, parents have an equal responsibility in this task. We expect that parents/guardians will frequently enquire and be informed about their ward's progress, come to the university when required and on important occasions in the life of the staff and students of the University.

This Code of Ethics lays down norms of behaviour for the more important contexts of life in a university. These guidelines, however, are not exhaustive. Any conduct that goes against the letter and spirit of these principles and norms will be considered a violation of this Code. This code invites every Bosconian to 'carpe diem' - seize the day, make timely use of every opportunity and experience 'life in its fullness'.

Please Note
- Admission to any of the programmes offered by Assam Don Bosco University can be secured only by merit
- We have no agents or middlemen acting on our behalf. Applicants are advised to be on guard against unscrupulous persons promising seats in this University for monetary considerations
- We do not accept donations or capitation fees of any kind in connection with admissions

TRAINING, PLACEMENT AND ENTREPRENEURSHIP DEVELOPMENT

Training Activities

The training and placement cell of the University has been incorporated with the sole objective of minimizing the gap between industry and academia and giving the students training and exposure through which they can capitalize on every opportunity for placement.

The training and placement cell achieves the above objectives through regular:
- Training classes embedded in the regular class schedule
- Motivational sessions
- Seminars
- Workshops
- Soft skills training
- Fun-filled games
- Personality development
- Group Discussions
- Personal Interviews
- English Proficiency through Language Labs
- Internet Testing and Scores
- Intranet Testing and Scores

Summer Internship

Most programmes expect students to undergo a mandatory Summer Training Programme in reputed external organizations. As an essential part of the curriculum, they are rated on these experiences on the basis of their reports and feedback from the trainee institutions.

Entrepreneurship Development

The graduates of the University are provided with ample opportunities to develop their entrepreneurial skills to incubate promising innovations and to explore business plans for their creative ideas.

Placement

The Placement Team at ADBU constantly strives to create and grasp every opportunity for generating employment opportunities for the students. It works in close coordination with the students, who also form an integral part of the team, to ensure that our students get the maximum exposure to the corporate world. Some of the industries, companies and recruiting agencies who keep visiting the University campus are given on the next page.

QEEE – A PILOT PROGRAMME OF MHRD

The University is among the 100 colleges/universities selected by the Quality Enhancement in Engineering Education (QEEE) pilot programme of MHRD (Ministry of Human Resource and Development), a project assisted by World Bank. The objective of the programme is to enhance the quality in technical education and to keep the same standard in all the universities and colleges. The three approaches of the programme targets students, faculty and management.

PRADHAN MANTRI KAUSHAL VIKAS YOJANA FOR TECHNICAL INSTITUTIONS

Don Bosco College of Engineering and Technology, a constituent unit of Assam Don Bosco University, School of Technology, is an empanelled institute under Pradhan Mantri Kaushal Vikas Yojana for Technical Institutions (PMKVY-TI) scheme for 2017-2018. (PMKVY-TI) is an initiative of MHRD, Govt. of India in association with AICTE. A skill based, certification course training by National Skill Development Agency (NSDA) is provided to the school and college drop outs to pursue/attain higher order skills from the neighbouring places of the College. Following are the five approved schemes under PMKVY-TI.

- Assistant Electricity Meter Reader, Billing and Cash collector.
- Domestic IT Helpdesk Attendant.
- Domestic Data Entry Operator.
- Junior Software Developer
- Telecom Embedded Hardware Developer

COMMUNITY LED IMPROVEMENT INITIATIVE

The University launched a 'Centre for Developmental Studies and Initiatives' with the aim of carrying forward its vision of being a catalytic agent for bringing progress and development through participatory approach in the neighboring 42 villages of ADBU, Tapesia campus. Emphasis is laid on working together with the local communities for sustainable development in the six thematic areas of Education, Health, Food Security, Vocational training and Governance to bring about positive changes in the lives of people. The 'Centre for Developmental Studies and Initiatives' is designed to become a hub for study, research and developmental activities as a regular feature of the university. The students are encouraged and guided to volunteer for developmental work through its initiatives and are provided with opportunities galore to enhance their social commitment.

PM YUVA YOJANA

The School of Technology has been recently empanelled under the newly launched PM YUVA YOJANA (YUVA UDYAM-ITA VIKAS ABHIYAN). PM YUVA YOJANA is the flagship scheme of Ministry of Skill Development and Entrepreneurship (MSDE) on entrepreneurship education and training, advocacy and easy access to entrepreneurship support network to over 14 lakh youth to initiate maximum start-ups over five years.

The key objectives of the scheme are:
- Educate and equip potential and early stage entrepreneurs
- Connect entrepreneurs to networks of ideas, mentors and funding
- Coordinate and support govt. entrepreneurship schemes

This scheme also allows the empanelled institutes to offer six certificate programs to students. These will be facilitated by faculty through Massive Open Online Courses (MOOCs), designed and developed by national and international experts. These courses are certified by National Institute of Entrepreneurship and Small Business Development (NIESBUD) under Ministry of Skill Development and Entrepreneurship (MSDE).

SWASTYAYAN... A COMMITMENT

A social commitment project of the University facilitated by the students of the departments of Social Work and Engineering & Technology - "Swastyayan... a commitment". With tutorials in subjects like Mathematics, Science, Social Sciences and English in the evening, the project reaches out to the high school students of Azara Gaon Panchayat. Further, they are encouraged to participate in a series of sessions on goal setting, time management, life-skills development, spoken English tutorials, games and sports that are intended to enthuse and enhance their personality and self-esteem.

Initiated and successfully run by the students of the Social Work Department, over a hundred students and teachers from the School of Engineering participate as volunteers to teach, motivate, encourage and inspire the needy children from the neighbourhood... Discover the goodness within you - share it with the world around you!

SWABHALAMBAN – SKILL TRAINING FOR LOCAL YOUTH

An inter-departmental social commitment program of training educated unemployed youth in the neighbourhood on livelihood support skills. The faculty, staff and students train unemployed youths of the area in batches in electrical house wiring, inverter making and installation, construction skills and cement plastering.

Electronics & Communication Engineering (ECE) trains them on assembling simple inverters, their installation and maintenance. Electrical & Electronics Engineering (EEE) teaches electrical house wiring, Civil Engineering Department teaches them Construction Skills and Cement Plastering, and Social Work Department helps in mobilising and disseminating information to the villages, selecting the trainees and following up on the post training activities.

CENTRE OF EXCELLENCE IN NANOTECHNOLOGY

The CoEN focuses on research in Nano-sciences and Nanotechnology leading to industry-ready technology/products, development of human resources for implementing nanotechnology through interdisciplinary research, initiate strong interactions leading to collaborations with leading academic institutions and industry for innovations, setting up of a state of the art nanotechnology characterization lab with facilities like Scanning Electron Microscope, Transmission Electron Microscope, X-ray diffraction spectroscope, Photoluminescence Spectroscope, Raman Spectroscope, Inductively Coupled Mass Spectroscope, Gas chromatograph, etc., design and fabrication of basic instruments for nano fabrication and characterization.

COLLABORATIONS WITH BANGKOK UNIVERSITY AND AIT BANGKOK

Assam Don Bosco University has research collaborations with Bangkok University (BU) and Asian Institute of Technology (AIT) wherein researchers / MTECH and PHD students from Don Bosco University carry out a part of their research work in the institutes in Bangkok and vice versa. The University has also started an unified BTECH-MTECH program for all branches of Engineering where the BTECH degree will be given by Don Bosco University and the MTECH degree by AIT.

ACADEMIC EXCELLENCE AWARDS

These awards, in recognition of academic achievement, are sponsored by members of the Faculty and others with the aim of motivating students to excel in their studies. The amounts and other specifications will be announced every semester.

THE INTERNATIONAL STUDENT VOLUNTEER EXCHANGE PROGRAMME
(With University College Dublin, Ireland)

The Student Volunteer Programme in collaboration with University College Dublin, Ireland, envisages promoting understanding of development concerns of marginalised and underprivileged communities. The programme includes academic engagements as well as field applications, focusing on promoting the spirit of appreciation for different cultures. It enables the participants to share learning and experience in the areas of participatory community development and social outreach.

Glimpses of the Seventh Convocation
8 September 2018

Glimpses of the University Campuses at Tapesia & Kharguli

Academic Block I - Tapesia

Bosco Cafe - Tapesia

Residential Area - Tapesia

www.dbuniversity.ac.in/a

Hostel - Kharguli

Balcony - Kharguli

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