



ASSAM  
DON BOSCO  
UNIVERSITY  
ACCREDITED BY NAAC

# PROSPECTUS 2020

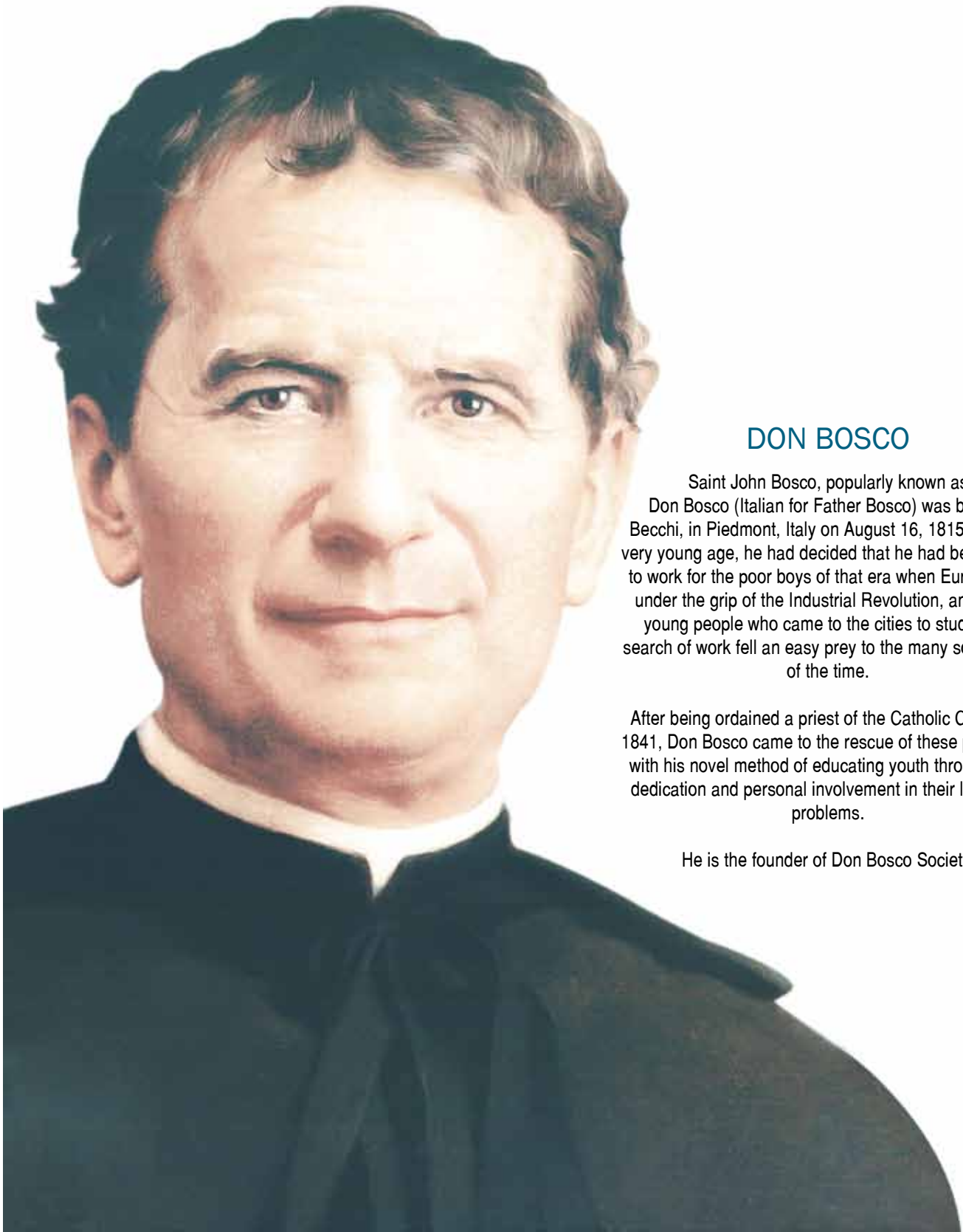


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[www.dbuniversity.ac.in](http://www.dbuniversity.ac.in)





## 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! It will be a distinct pleasure for us to welcome you to our University!

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 rather 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**

All that we plan and all that we do are singularly focused providing you with the best of opportunities in every way. Grasp every opportunity (*carpe diem*) that comes your way that you may indeed live 'life in its fullness'.

**We believe that education is more than just academics**

We are interested in the development of the whole person – academically, professionally, socially and spiritually. To ignore any of these aspects is to ignore the transformational nature of good education.

**We are committed to grooming truly global citizens**

We believe that the world is your stage. As graduates of our University, we look to you to be active agents of social transformation all over the world.

At the University you will find:

- a) A caring and holding environment in which you can flourish
- b) A challenging curriculum geared to the fast-changing world of today
- c) A close-knit team of committed men and women who form our faculty
- d) Ample opportunities for personal growth and development

Once again, welcome to Don Bosco!

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

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[www.dbuniversity.ac.in](http://www.dbuniversity.ac.in)



International Summer School  
with Frankfurt University of Applied Sciences, Germany



International Student Volunteers Exchange Programme  
with University College Dublin Volunteers Overseas, Ireland

## INTERNATIONAL COLLABORATIONS



## ACCREDITATION, APPROVALS, CERTIFICATION, MEMBERSHIPS



# CONTENTS

1.	Vice Chancellor's Message	1
2.	Programmes of Study	4
3.	School of Technology	6
	Bachelor of Technology (BTech)	6
	Civil Engineering	
	Mechanical Engineering	
	Computer Science and Engineering	
	Electrical and Electronics Engineering	
	Electronics and Communication Engineering	
	Bachelor of Computer Applications (BCA)	7
	Master of Computer Applications (MCA)	9
	Master of Technology (MTech)	11
4.	School of Fundamental and Applied Sciences	13
	BSc (Honours) in Chemistry	13
	BSc (Honours) in Mathematics	14
	BSc (Honours) in Physics	15
	MSc in Physics	16
	MSc in Chemistry	18
	MSc in Mathematics	18
5.	School of Life Sciences	20
	BSc (Honours) in Botany	20
	BSc (Honours) in Zoology	21
	MSc in Biotechnology	23
	MSc in Biochemistry	24
	MSc in Botany	25
	MSc in Microbiology	26
	MSc in Zoology	27
6.	School of Humanities and Social Sciences	28
	BA (Honours) Psychology	28
	MSc in Psychology	29
	BA (Honours) English	30
	MA in English	31
	BA (Honours) Mass Communication	32
	MA in Mass Communication	34
	BA (Honours) Economics	35
	Master of Social Work	36
7.	School of Education	38
	BA (Honours) Education	38
	MA in Education	39
	Integrated BA BEd, BSc BEd	40
8.	School of Commerce and Management	42
	Bachelor of Business Administration (BBA)	42
	Bachelor of Commerce (BCom)	43
	Master of Commerce (MCom)	44
	Master of Business Administration (MBA)	45
9.	School of Professional Studies	47
	BSc in Hospitality and Hotel Management	47
10.	Doctor of Philosophy (PhD)	49
11.	Centre for Open and Distance Education (DBU Global)	50
12.	Admission Procedure (Graduate Programmes)	51
13.	Admission Procedure (Post Graduate Programmes)	53
14.	Fee Structure and Payment Schedule	55
15.	Tuition Fee Waiver & Scholarship Schemes	60
16.	About Don Bosco University	62
17.	The Don Bosco Ambiance	63
18.	Code of Ethics and Behavioural Guidelines	70
19.	Training, Placement and Entrepreneurship Development	72
20.	Eighth Convocation	77

# 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.

## SCHOOL OF TECHNOLOGY

### DEPARTMENT OF CIVIL ENGINEERING

BTech - Bachelor of Technology  
MTech - Master of Technology

### DEPARTMENT OF COMPUTER APPLICATIONS

BCA - Bachelor of Computer Applications  
MCA - Master of Computer Applications

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BTech - Bachelor of Technology  
MTech - Master of Technology

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BTech - Bachelor of Technology  
MTech - Master of Technology

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BTech - Bachelor of Technology  
MTech - Master of Technology

### DEPARTMENT OF MECHANICAL ENGINEERING

BTech - Bachelor of Technology

## SCHOOL OF FUNDAMENTAL AND APPLIED SCIENCES

### DEPARTMENT OF CHEMISTRY

BSc (Honours) Chemistry  
MSc Chemistry

### DEPARTMENT OF MATHEMATICS

BSc (Honours) Mathematics  
MSc Mathematics

### DEPARTMENT OF PHYSICS

BSc (Honours) Physics  
MSc Physics

## SCHOOL OF LIFE SCIENCES

### DEPARTMENT OF BIOSCIENCES

MSc Biochemistry  
MSc Biotechnology  
MSc Microbiology

### DEPARTMENT OF BOTANY

BSc (Honours) - Botany  
MSc Botany

## DEPARTMENT OF ZOOLOGY

BSc (Honours) - Zoology  
MSc Zoology

## SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

### DEPARTMENT OF ENGLISH

BA (Honours) - English  
MA English

### DEPARTMENT OF ECONOMICS

BA (Honours) Economics

### DEPARTMENT OF MASS COMMUNICATION

BA (Honours) Mass Communication  
MA Mass Communication

### DEPARTMENT OF PSYCHOLOGY AND COUNSELLING

BA (Honours) Psychology  
MSc Psychology and Counselling

## SCHOOL OF COMMERCE AND MANAGEMENT

### DEPARTMENT OF COMMERCE

BBA - Bachelor of Business Administration  
BCom - Bachelor of Commerce  
MCom - Master of Commerce

### DEPARTMENT OF MANAGEMENT

MBA - Master of Business Administration

## SCHOOL OF EDUCATION

### DEPARTMENT OF EDUCATION

BA (Honours) - Education  
MA Education  
Integrated BA BEd / BSc BEd

## SCHOOL OF PROFESSIONAL STUDIES

### DEPARTMENT OF HOSPITALITY MANAGEMENT

BSc in Hospitality and Hotel Management  
*(to be launched in 2021-2022 Academic Year)*

## DOCTORAL PROGRAMMES

Biochemistry  
Biotechnology  
Microbiology  
Zoology  
-----  
Chemical Sciences  
Mathematics  
Physics  
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## DOCTORAL PROGRAMMES (continued)

Education  
Comparative Religion  
Language Studies  
Mass Communication  
North East India Studies  
Philosophy  
Psychology and Counselling  
Social Work  
-----

Commerce  
Economics  
Management  
-----  
Civil Engineering  
Computer Applications  
Computer Science 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, 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 visited the University as a Fulbright Specialist in the months of July-August 2019 and taught in the Department of Mass Communication. He also visited again in the month of January 2020 as a Resource Person for Faculty Development Programme on a topic 'Service Learning'.



#### **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 visited the University again in the month of October 2019 for organizing a 'Summer School' in collaboration with the Department of Social Work. The summer school was 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 visited the 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/1-4259555150/2019/EOA, dated 29 April 2019) 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, geo-technical 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, defense 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. The Mechanical Engineering department has 13 full-fledged, well-equipped labs including the ISO 9001:2015 certified workshop, CNC lab equipped with various CNC kits such as 2 axis, 3 axis, 4 axis Lathe and Milling machines as well as a Robotic arm. In addition, a state of the art exclusive training center of Royal Enfield is established in the School of Technology.

### Computer Science and Engineering

Computer Engineers are involved in the design, implementation, and application of computing systems and networks. Computer Engineering is a branch of engineering which integrates other engineering branches to have fruitful products for general people. 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 as well as mobile applications like android, iOS applications etc.

### 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 Communication 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 Civil Engineering, Computer Science and Engineering, Mechanical Engineering

30 seats in Electrical and Electronics, Electronics and Communication Engineering

### BTech - Honours

Students admitted to a four-year B.Tech degree course will be offered a provision of earning B.Tech with Honours in some emerging areas of the same department. For this, students found to be eligible as per University norms will require to earn a minimum of additional 18 to 20 credits in the specified area in addition to the credits essential for obtaining an Undergraduate Degree in the major discipline (i.e., 160 credits).

### BTech - Lateral Entry

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

### Eligibility Criteria

- Passed Diploma examination with at least 60% marks in ANY branch of Engineering and Technology
- Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 50% marks and passed 10+2 examination with Mathematics as a subject

## 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 50% in the aggregate. Those who have pursued Mathematics at Class XII will have an advantage.
2. Candidates must appear for a personal interview

## Minimum Eligibility Criteria

- Passed Higher Secondary School Leaving Examination (or equivalent) with 50% of the aggregate and 50% of the aggregate of Physics, Maths and Chemistry/Computer Science

**OR**

Passed Diploma (in Engineering and Technology) examination with at least 50% marks (subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted).

- JEE(Mains), any State Entrance Test or the Don Bosco University Graduate Entrance Test

## Admission Procedure

Vide page 51

## Location

Azara Campus

## Number of Seats

60 seats

## Admission Procedure

Vide page 51

## 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
<b>Semester II</b>
Communicative English II
Data Structures Using C
Computer 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
<b>Semester III</b>
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

<b>Semester IV</b>
Relational Database Management Systems
Basic Software Engineering
Probability theory
Theory of computation
Object Oriented Programming and Design
Relational Database Management Systems Lab
Basic Software Engineering Lab
Object Oriented Programming and Design Lab
Extra Academic Programmes
<b>Semester V</b>
Organizational Behavior
Accounting and Financial management
Data Communication
Introduction to Java Programming
Data Communication lab
Introduction to Java Programming Lab
Mini Project
<b>Semester VI</b>
Python and Machine Learning
Environmental Studies
<b>Electives : One elective to be opted</b>
Cloud Computing
Network Security
Mobile Communication
Major Project
Python and Machine Learning Lab



# Master of Computer Applications (MCA)

Master of Computer Applications is a 2-year (4-semester) AICTE approved (F. No. Eastern/1-4259555150/2019/EOA, dated 29 April 2019) 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 computer 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 Bachelor of Computer Applications 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

Vide page 53

## Location

Azara Campus

## COURSE STRUCTURE

Semester I
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 II

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 III

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 IV

Major Project



## Master of Technology (MTech)

The 2-year AICTE approved (F. No. Eastern/1-4259555150/2019/EOA, dated 29 April 2019) MTech programme is currently offered in the disciplines of Civil Engineering, 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

#### Civil Engineering

- Construction Engineering & Management

#### Computer Science and Engineering

- Data Science
- Internet of Things
- Information Security

#### Electronics and Communication Engineering

- Optical Electronics
- Embedded Systems
- Digital Signal Processing

#### Electrical and Electronics Engineering

- Power Systems
- Control Systems

### Number of Seats

24 seats in each programme

### Eligibility Criteria

Graduation or Post Graduation in an appropriate area of Engineering / Science with at least 60% marks in the qualifying Examination.

### Admission Procedure

Vide page 53

### Location

Azara Campus

### COURSE STRUCTURE

The Course structures are given on our website.





Men's Hostel - Azara Campus



Lawn and Parking Area - Azara Campus



Aerial View - Azara Campus



Women's Hostel - Azara Campus

# 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)

Bachelor of Science with Honours in Physics, Chemistry and Mathematics offered by the University are 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.

The following combination of General Electives are available to students for Choice - BSc (Hons) Physics (Mathematics and Chemistry), BSc (Hons) Chemistry (Zoology and Botany), BSc (Hons) Chemistry (Mathematics and Physics), BSc (Hons) Mathematics (Chemistry and Physics). 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 50% of the aggregate of Physics, Chemistry and Mathematics.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

## BSc (Honours) 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
<b>General Elective - I (Maths)</b>
<b>General Elective - I (Zoology and Zoology Lab)</b>

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
<b>General Elective - II (Maths)</b>
<b>General Elective - II (Zoology - Theory and Lab)</b>

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
<b>Skill Enhancement Course I (Elective)</b>
Basic Analytical Chemistry
Chemo informatics
Chemistry of cosmetics and perfumes
<b>General Elective –III (Physics - Theory and Lab)</b>
<b>General Elective –III (Botany - Theory and Lab)</b>

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
<b>Skill Enhancement Course - Elective II</b>
Pesticide Chemistry
Fuel Chemistry
Intellectual Property Rights
<b>General Elective IV (Physics - Theory and Lab)</b>
<b>General Elective IV (Botany - Theory and Lab)</b>

Semester V
Organic Chemistry IV: Biomolecules
Physical Chemistry V: Quantum Chemistry & Spectroscopy
Organic Chemistry IV: Biomolecules - Lab
Physical Chemistry V: Quantum Chemistry & Spectroscopy - Lab
<b>Discipline Specific Elective I</b>
Applications of computers in Chemistry
Analytical methods in Chemistry
Applications of computers in Chemistry Lab
Analytical methods in Chemistry Lab
<b>Discipline Specific Elective II</b>
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
<b>Discipline Specific Elective III</b>
Green Chemistry
Inorganic materials & Industrial Importance
Green Chemistry Lab
Inorganic materials & Industrial Importance Lab
<b>Discipline Specific Elective IV</b>
Industrial Chemicals & Environment
Research methodology for Chemistry
Industrial Chemicals & Environment Lab
Research methodology for Chemistry Lab

## BSc (Honours) in Mathematics

### COURSE STRUCTURE

Semester I
Calculus
Algebra
English Communication
<b>General Elective - I</b>
Atomic Structure ,Bonding ,General Organic Chemistry and Aliphatic Hydrocarbon
Chemistry of S-and P-Block elements, States of matter and Chemical Kinetics
Atomic Structure ,Bonding ,General Organic Chemistry and Aliphatic Hydrocarbon Lab
Chemistry of S-and P-Block elements, States of matter and Chemical Kinetics Lab

Semester II
Elementary Real Analysis
Differential Equations
Environmental Studies
<b>General Elective - II</b>
Chemical Energetics, Equilibria & Functional Organic Chemistry
Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV,IR Spectroscopy
Chemical Energetics, Equilibria & Functional Organic Chemistry Lab
Organometallics, Bioinorganic Chemistry, Poly-nuclear Hydrocarbons and UV,IR Spectroscopy Lab

Semester III
Theory of Real Functions
Group Theory I
Multivariable Calculus
Programming in C/Logic and sets
<b>General Elective III</b>
General Thermal Physics
Digital Systems and Applications
General Thermal Physics Lab
Digital Systems and Applications Lab

Semester IV
Partial Differential Equations
Numerical Methods
Mechanics
Graph Theory /Computer Graphics
<b>General Elective IV</b>
General Elements of Modern Physics
Analog Systems and Applications
General Elements of Modern Physics Lab
Analog Systems and Applications Lab

Semester V
Metric Space and Complex Analysis
Ring Theory
<b>Discipline Specific Elective I</b>
Number Theory
Portfolio Optimization
Analytical Geometry
<b>Discipline Specific Elective II</b>
Probability and Statistics
Linear Programming
Industrial Mathematics

<b>Semester VI</b>
Riemann Integration and Series of Functions
Linear Algebra
<b>Discipline Specific Elective III</b>
Theory of Equations
Group Theory II
Mathematical Finance
Boolean Algebra and Automata Theory
<b>Discipline Specific Elective IV</b>
Mathematical Modelling
Differential Geometry
Dissertation

## BSc (Honours) in Physics

### COURSE STRUCTURE

<b>Semester I</b>
Mathematical Physics-I
Mechanics
Mathematical Physics-I Laboratory
Mechanics Laboratory
English Communication
<b>General Elective - I</b>
Calculus and Differential Equations
Algebra

<b>Semester II</b>
Electricity and Magnetism
Waves and Optics
Electricity and Magnetism Laboratory
Waves and Optics Laboratory
Environmental Studies
<b>General Elective - II</b>
Algebra and Numerical Methods
Differential Equations, Vector Calculus and Geometry

<b>Semester III</b>
Mathematical Physics–II
Thermal Physics
Digital Systems and Applications
Mathematical Physics–II Laboratory
Thermal Physics Laboratory
Digital Systems and Applications Laboratory
<b>Skill Enhancement Course - Elective I</b>
Computational Physics Skills
Electrical circuits and Network Skills

<b>General Elective III</b>
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

<b>Semester IV</b>
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

<b>Skill Enhancement Course - Elective II</b>
Basic Instrumentation Skills
Radiation Safety
<b>General Elective IV</b>
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

<b>Semester V</b>
Quantum Mechanics and Applications
Solid State Physics
Quantum Mechanics and Applications Laboratory
Solid State Physics Laboratory

<b>Discipline Specific Elective I</b>
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

<b>Discipline Specific Elective II</b>
Advanced Mathematical Physics-II
Classical Dynamics
Communication System
Communication System Laboratory

<b>Semester VI</b>
Electromagnetic Theory
Statistical Mechanics
Electromagnetic Theory Laboratory
Statistical Mechanics Laboratory

### **Discipline Specific Elective III**

Nuclear and Particle Physics  
Astronomy and Astrophysics  
Nano Materials and Applications  
Nano Materials and Applications Laboratory

### **Discipline Specific Elective IV**

Digital Signal Processing  
Digital Signal Processing Laboratory  
Medical Physics  
Medical Physics Laboratory  
Plasma Physics

Dissertation

## Master of Science (MSc)

MSc Programmes in Physics, Chemistry, Mathematics offered by the University are a 2-year (4-Semester) programmes, 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 53

### Location

Tapesia 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, Nanophysics 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 Programme in Chemistry (MSc) at Don Bosco University includes basic and advanced concepts of 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
<b>Electives</b>
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



<b>Semester II</b>
Topology and Functional Analysis
Complex Analysis
Measure Theory and Probability Theory
Classical Mechanics
Mathematical Method II

<b>Semester III</b>
Research Methodology for Mathematical Sciences
Research Seminar
Discrete Mathematics
Computer Programming in C

<b>Specialisation: Theoretical Mathematics</b>
Field Theory
Number Theory
Mathematical Logic
Algebraic Geometry

<b>Specialisation: Applicable Mathematics</b>
Fluid dynamics I
Riemannian Geometry and Tensor Calculus
Numerical Solution of PDE
Polynomial Optimizations

<b>Specialisation: Computational Mathematics</b>
Scientific Computing
Computational Number Theory
Numerical Optimization
Special Functions

<b>Semester IV</b>
<b>Specialisation: Theoretical Mathematics</b>
Advanced Analysis
Multivariable Calculus
Graph Theory
Algebraic Number Theory

<b>Specialisation: Applicable Mathematics</b>
Continuum Mechanics
Fluid Mechanics II
Game Theory and its Applications
Theory of Relativity

<b>Specialisation: Computational Mathematics</b>
Introduction to Cryptography
Design and Algorithm Analysis
Machine Learning
Finite Elements Methods
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 Programme in Botany and Zoology offered by the University are a 3-year (6-Semester) programmes leading to the award of the honours degree in Bachelor of Science.

### Number of Seats

40 Seats in each programme

### Eligibility

Passed Higher Secondary School Leaving Examination (or equivalent) with 50% of the aggregate of Botany, Zoology and Chemistry.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

## BSc (Honours) in Botany

### COURSE STRUCTURE

<b>Semester I</b>	Chemical Energetics, Equilibria & Functional Organic Chemistry-1 Lab Environment and Public Health Lab
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	
<b>Semester II</b>	<b>Semester III</b>
Mycology and Phytopathology	Morphology and Anatomy
Archegoniate	Economic Botany
Mycology and Phytopathology Lab	Genetics
Archegoniate Lab	Morphology and Anatomy Lab
Environmental Studies	Economic Botany Lab
Chemical Energetics, Equilibria & Functional Organic Chemistry-1	Genetics Lab
Environment and Public Health	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
	<b>Semester IV</b>
	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 (Honours) 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

Diversity of Chordates

Physiology: Controlling and Coordinating systems

Fundamentals of Biochemistry

Diversity of Chordates Lab

Physiology: Controlling and Coordinating systems Lab

Fundamentals of Biochemistry Lab

Research Methodology

Inorganic Chemistry-I: Atomic Structure and Chemical Bonding

Plant Physiology and Metabolism

Inorganic Chemistry-I: Atomic Structure and Chemical Bonding Lab

Plant Physiology and Metabolism Lab

### Semester IV

Comparative Anatomy of Vertebrates

Physiology: Life Sustaining Systems

Biochemistry of Metabolic Processes

Comparative Anatomy of Vertebrates Lab

Physiology: Life Sustaining Systems Lab

Biochemistry of Metabolic Processes Lab

Sericulture / Aquarium Fish Keeping

Physical Chemistry- I: State of Matter and Ionic Equilibrium

Economic Botany and Biotechnology

Physical Chemistry- I: State of Matter and Ionic Equilibrium Lab

Economic Botany and Biotechnology Lab

### Semester V

Molecular Biology

Principles of Genetics

Molecular Biology Lab

Principles of Genetics Lab

Wildlife Conservation and Management

Wildlife Conservation and Management Lab

Animal Behaviour and Chronobiology

Animal Behaviour and Chronobiology Lab

Computational Biology

Computational Biology Lab

Animal Biotechnology

Animal Biotechnology Lab

### Semester VI

Developmental Biology

Evolutionary Biology

Developmental Biology Lab

Evolutionary Biology Lab

Immunology

Immunology Lab

Parasitology

Parasitology Lab

Fish and Fisheries

Fish and Fisheries Lab

Biology of Insecta

Biology of Insecta Lab



## Master of Science (MSc)

MSc Programmes in Biotechnology, Biochemistry, Botany, Microbiology and Zoology offered by the University are a 2-year (4-Semester) programmes leading to the award of the degree of Master of Science.

### Number of Seats

30 seats each in Biotechnology, Biochemistry and Microbiology

40 seats each in 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 53

### Location

Tapesia Campus

## MSc in Biotechnology

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

Animal and plant biotechnology, genetic engineering, bio-process 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

<b>Semester I</b>
Phycology
Mycology
Bryophytes, Pteridophytes and Gymnosperms
Angiosperms
Lab
Lab

<b>Semester II</b>
Plant Ecology
Microbiology
Cytogenetics and Plant Breeding
Plant Physiology
Lab
Lab

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

<b>Semester IV</b>
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 agro-chemical 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, Fishery Science, 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 Class-room 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

Vide page 53

### Location

Tapesia Campus

## COURSE STRUCTURE

Semester I
Biosystematics and Evolution
Cell Biology and Immunology - Theory and Applications
Molecular Biology and Genetics
Animal Physiology
Ecology and Environmental Biology
Biosystematics and Environmental Biology Lab
Cell Biology, Genetics and Basic Bioinformatics Lab
Semester II
Developmental Biology
Endocrinology and Biochemistry
Applied Zoology
Ethology and Population Genetics
Developmental Biology and Biochemistry Lab
Ethology and Population Genetics Lab
Project Management, Reporting and Documentation

### Semester III

Research Methodology and Biostatistics

#### **Specialisation 1: Entomology and Environmental Biology**

Insects: Structure & Function  
Insect Physiology  
Specialization Lab I  
Dissertation (Phase I)

#### **Specialisation 2: Cell and Molecular Biology**

Cell and Molecular Biology I  
Immunology I  
Specialization Lab I  
Dissertation (Phase I)

#### **Specialisation 3: Fishery Science**

Taxonomy and Functional Anatomy  
Aquaculture and Fish Genetics  
Specialization Lab I  
Dissertation (Phase I)

#### **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

#### **Specialisation 1: Entomology and Environmental Biology**

Insect Ecology  
Principles of Pest Management  
Specialization Lab II  
Dissertation (Phase II)

#### **Specialisation 2: Cell and Molecular Biology**

Cell and Molecular Biology –II  
Immunology II  
Specialization Lab II  
Dissertation (Phase II)

#### **Specialisation 3: Fishery Science**

Capture Fishery and Post-harvest Technology  
Limnology, Fishery Economics, Ornamental Fishery and Fish Pathology  
Specialization Lab II  
Dissertation (Phase II)

#### **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*

## DEPARTMENT OF PSYCHOLOGY AND COUNSELLING

### Programmes Offered

- BA (Honours) in Psychology
- MSc Psychology

### BA (Honours) in Psychology

BA (Honours) Psychology programme at Don Bosco University helps the students understand human behavior, how human beings reason, react and relate, how people behave the way they do, and the different ways that human beings communicate in relationships. The programme covers focussed study on people's motivations, thought processes and interactions.

This Course also prepares the students for higher studies in Psychology while also preparing them for a variety of career options such as psychological counsellors, clinical psychologists, forensic psychologists, diverse areas of caregiving services, community services, marketing and teaching.

### Number of Seats

60 seats each

### Eligibility

Passed Higher Secondary School Leaving Examination (or equivalent) in any stream with 50% in the aggregate.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

### COURSE STRUCTURE

Semester I
Introduction to Psychology
Biopsychology
<b>Ability Enhancement Compulsory Course (AECC)- I</b> English Communication
<b>Generic Elective (GE) Course - I (any one)</b> Introductory Micro Economics Guidance and Counselling in Education Academic Writing and composition Basics of Journalism

Semester II
Psychology of Individual Differences
Statistical Methods for Psychological Research - I
<b>Ability Enhancement Compulsory Course (AECC)- II</b> Environmental Studies
<b>Generic Elective (GE) Course - II (any one)</b> Introductory Macro Economics Media and Communication Skills Gender Education Introduction to Computer Application

Semester III
Psychological Research
Development of Psychological Thought
Social Psychology
<b>Skill Enhancement Course - I</b>
<b>Generic Elective (GE) Course - III (any one)</b> Indian Economy I Population Education Language and Linguistics Basics of Photography

Semester IV
Statistical Methods for Psychological Research - II
Developmental Psychology
Applied Social Psychology
<b>Skill Enhancement Course - II</b>
<b>Generic Elective (GE) Course - IV (any one)</b> Indian Economy II Language, Literature and Culture Early Childhood Care and Education Mobile Communication

#### Semester IV

Understanding Psychological Disorders

Organizational Behaviour

#### **Discipline Specific Elective- I & II (Choose any two)**

Positive Psychology

Health Psychology

Human Resource Management

#### Semester VI

Understanding and Dealing with Psychological Disorders

Counselling Psychology

#### **Discipline Specific Elective- III & IV (Choose any two)**

Community Psychology

Cultural and Indigenous Psychology

Project/Dissertation

## 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

Vide page 53

## 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



<b>Semester III</b>
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
<b>Semester IV</b>
Psychological Testing
Disability Studies and Rehabilitation Psychology
Case Study and Documentation - II
Supervised Internship - II
Research Project Phase - II

## DEPARTMENT OF ENGLISH

### Programmes Offered

- BA (Honours) in English
- MA English

The Department of English 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 BA (Honours) in English MA in English.

### BA (Honours) in English

BA (Honours) English programme at Don Bosco University provides the students with a comprehensive and stimulating introduction to English language and an exploration into English Literature. It also investigates how the English language is used in a variety of global contexts, with introductions to British, American and Indian writings in English. They will explore writing and speech in a wide range of forms (creative writing, academic writing and composition, language and linguistics), and develop their skills in the interpretation of literary and non-literary texts.

On completion of the course, students will have options of pursuing higher studies or find careers in writing, journalism, hospitality management etc.

### Number of Seats

60 seats each

### Eligibility

Passed Higher Secondary School Leaving Examination (or equivalent) in any stream with 50% in the aggregate and 50% in English.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

## COURSE STRUCTURE

<b>Semester I</b>
British Poetry and Drama: 14 to 17 Cent
British Literature-18 th Century
<b>Ability Enhancement Compulsory Course (AECC)- I</b> English Communication
<b>Generic Elective (GE) Course - I (any one)</b> Introductory Micro Economics Guidance and Counselling in Education General Psychology Basics of Journalism
<b>Semester II</b>
British Poetry and Drama 17th and 18th Centuries
British Literature-19th Century
<b>Ability Enhancement Compulsory Course (AECC)- II</b> Environmental Studies
<b>Generic Elective (GE) Course - II (any one)</b> Introductory Macro Economics Psychology for Health and Well being Gender Education Introduction to Computer Application
<b>Semester III</b>
British Literature: The Early 20th Century
British Romantic Literature
European Classical Literature
<b>Skill Enhancement Course - I</b>
<b>Generic Elective (GE) Course - III (any one)</b> Indian Economy I Population Education Inter-group Relations Basics of Photography

#### Semester IV

Indian Classical Literature

Modern European Drama

Popular Literature

#### Skill Enhancement Course - II

##### Generic Elective (GE) Course - IV (any one)

Indian Economy II

Psychology at work

Early Childhood Care and Education

Mobile Communication

#### Semester IV

Women's Writing

American Literature

##### Discipline Specific Elective- I & II (Choose any two)

Literature of the Indian Diaspora

Literary Criticism

Research Methodology

#### Semester VI

Understanding and Dealing with Psychological Disorders

Counselling Psychology

##### Discipline Specific Elective- III & IV (Choose any two)

Literary Theory

Partition Literature

Project / Dissertation

## 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 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, Literary Criticism, African, American, European and Post-Colonial Literature and English Language Teaching. 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 53

## 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



<b>Semester III</b>
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
<b>Specialisation I: Linguistics Stylistics</b> Linguistics Stylistics – I
<b>Specialisation II: Contemporary European Literature</b> Contemporary European Literature – I
<b>Specialisation III: African Literature</b> Colonial and Post Colonial African Literature - I
Project Phase I

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

## 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. 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 and a monthly news tabloid - ADBU Times.

### Programmes Offered

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

## BA (Honours) in Mass Communication

BA (Honours) Mass Communication programme at Don Bosco University introduces the students to the world of communication including print media, journalism, film, television, radio, video, online and mobile media production and photography. Studies in emerging areas of convergent media and social media form important components of this study programme.

Having acquired a graduate degree in Mass Communication at the University, students will be equipped to pursue careers as reporters, presenters, radio jockeys, fill a variety of roles in media houses and production companies, or start their own ventures and studios. It opens the door to wide choices in higher studies too.

### Number of Seats

60 seats

### Eligibility

Passed Higher Secondary School Leaving Examination (or equivalent) in any stream with 50% in the aggregate and 50% in English.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

## COURSE STRUCTURE

<b>Semester I</b>
Introduction to Journalism
Introduction to Media and Communication
<b>Ability Enhancement Compulsory Course (AECC)- I</b> English Communication
<b>Generic Elective (GE) Course - I (any one)</b> Introductory Micro Economics Guidance and Counselling in Education Academic Writing and Composition General Psychology

## Semester II

Reporting and Editing for Print

Media and Cultural Studies

### **Ability Enhancement Compulsory Course (AECC)- II**

Environmental Studies

### **Generic Elective (GE) Course - II (any one)**

Introductory Macro Economics

Media and Communication Skills

Gender Education

Psychology for Health and Well being

## Semester III

Introduction to Broadcast Media

History of the Media

Advertising and Public Relations

### **Skill Enhancement Course - I**

### **Generic Elective (GE) Course - III (any one)**

Indian Economy I

Population Education

Language and Linguistics

Inter-group relations

## Semester IV

Introduction to New Media

Development Communication

Media Ethics and the Law

### **Skill Enhancement Course - II**

### **Generic Elective (GE) Course - IV (any one)**

Indian Economy II

Language, Literature and Culture

Early Childhood Care and Education

Psychology at work

## Semester V

Global Media and Politics

Advanced Broadcast Media

### **Discipline Specific Elective- I & II (Choose any two)**

Media Management and Entrepreneurship

Photography

Communication and Disaster Management

Animation and VFX

## Semester VI

Advanced New Media

Communication Research Method

### **Discipline Specific Elective- III & IV (Choose any two)**

Introduction to Film Studies

Development Journalism

Project/Dissertation



# 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.

## Number of Seats

40 seats

## Eligibility Criteria

1. Graduation in any stream with 50% of the aggregate. Those who have a background in Mass Communication, Journalism, Photography, etc., 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 53

## Location

Tapesia Campus

## COURSE STRUCTURE

Semester I
History and Development of Communication Media
Philosophy of Communication
Theoretical Perspectives of Communication
Principles and Practices of Journalism
<i>One course to be opted as offered by other departments</i>
Techniques of Photography and Image Editing
Journaling
Semester II
Investigative and Data Driven Journalism
Theories of Communication for Development and Social Change
Communication Research Methodology
<i>One course to be opted as offered by other departments</i>
Elective – I: Rural Communication
<i>Dissertation Phase-I</i>
Audio-Video Production
Semester III
Media Laws, Ethics and Social Responsibility
Marketing and Public Relations
Dissertation Phase-II

Specialization: Electronic Media  
 Script Writing  
 Audiography  
 Television Production  
 Video Editing

Specialization: Print Media  
 Specialized Writing  
 News Reporting and Editing  
 Political Communication  
 Health and Environmental Reporting

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

## Semester IV

Media and Cultural Studies

## Internship

Specialization: Electronic Media  
 Media Appreciation  
 Film Making  
 Final Project

Specialization: Print Media  
 Human Rights and Conflict Reporting  
 Sports Journalism  
 Final Project

Specialization: Communication for Development  
 Monitoring and Evaluation  
 Programme Management  
 Final Project



# DEPARTMENT OF ECONOMICS

## Programmes Offered

- BA (Honours) in Economics

## BA (Honours) in Economics

The Undergraduate Programme in Economics has been designed to develop strong analytical skills and a concrete foundation in the discipline of economics. Besides studying Economics exhaustively, the students would also have exposure to other disciplines like Mathematics, Psychology, Mass Communication and Education, which would enable them to enhance their knowledge. The department conducts a workshop on Mathematics to help the students of Economics to develop quantitative skills required for Economics courses. The Programme also provides facilities for field exposure for hands on experience in economic applications.

### Number of Seats:

60 seats

### Eligibility

Candidates should have passed H.S.S.L.C or Equivalent Examination with minimum 50% of marks. Candidates with Economics / Mathematics / Statistics will be given preference. The marks obtained in English and Mathematics in H.S.L.C or Equivalent Examination will be considered.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

## COURSE STRUCTURE

<b>Semester I</b>
Introductory Micro Economics
Mathematical Methods for Economics-I
English Communication
<b>Generic Elective Course - I (any one)</b>
Guidance and Counselling in Education
Academic Writing and Composition
General Psychology
Basics of Journalism

<b>Semester II</b>
Introductory Macro Economics
Mathematical Methods for Economics-II
Environmental Studies
<b>Generic Elective Course - II (any one)</b>
Gender Education
Media and Communication Skills
Psychology for Health and Well being
Introduction to Computer Application

<b>Semester III</b>
Intermediate Microeconomics-I
Intermediate Macroeconomics-I
Statistical Methods for Economics
<b>Skill Enhancement Course - I</b>
<b>Generic Elective Course - III (any one)</b>
Population Education
Language and Linguistics
Inter-group Relations
Basics of Photography

<b>Semester IV</b>
Intermediate Microeconomics-II
Intermediate Macroeconomics-II
Introductory Econometrics
<b>Skill Enhancement Course - II</b>
<b>General Elective Course - IV (any one)</b>
Early Childhood Care and Education
Language, Literature and Culture
Psychology at Work
Mobile Communication

<b>Semester V</b>
Indian Economy- I
Development Economics-I
<b>Discipline Specific Elective - I (any one)</b>
Applied Econometrics
Economic History of India (1857-1947)
Economics of Health and Education
<b>Discipline Specific Elective - II (any one)</b>
Political Economy-I
Public Economics
Topics in Microeconomics-I

<b>Semester VI</b>
Indian Economy- II
Development Economics-II
<b>Discipline Specific Elective - III (any one)</b>
Environmental Economics
Political Economy-II
Comparative Economic Development (1850-1950)
<b>Discipline Specific Elective - IV (any one)</b>
International Economics
Financial Economics
Topics in Microeconomics-II

# 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 53

## Location

Tapesia Campus

## COURSE STRUCTURE

Semester I
History, Ideologies and fields of Social Work
Human Growth and Development
Introduction to Indian Society, Polity and Economics
Social Work with Communities and Social Action
<b>Elective I (One course to be opted)</b>
Eastern Approaches to Psychology and Counselling
Education Technology
Environment and Disaster Management
<b>Elective II (One course to be opted)</b>
Media in Northeast India
Leadership and Social Responsibility
Gender Studies
English Language Teaching
Concurrent Field Work and Rural Practicum



## Semester II

Social Work Practice with Individuals and Families

Social Work Practice with Groups

Social Work Research and Statistics

Social Welfare Administration

### **Elective I (One course to be opted)**

Introduction to Disability Studies

Personality Development

Rural Communication

### **Elective II (One course to be opted)**

Introduction to Social Psychology

Peace Education and Conflict Management

Environment and Disaster Management

North-East Indian Literature in English

Concurrent Field Work II

## Semester III

Social Justice, Human Rights & Para-legal Education

Emerging Social Work Perspectives and Integrated Approach

Computer Applications for Social Sciences (Lab)

### **Specialization Courses (One area to be opted)**

#### **Community Development**

Community Development: Rural, Tribal and Urban

Governance and Community Development

#### **Family and Child Welfare**

Family centred Social Work Practice

Social Work Practice with Children

#### **Medical and Psychiatric Social Work**

Medical Social Work

Mental Health and Social Work

## Management of Development Organisations

Organisational Structure, Behaviour and Development Policies For Development Organisations- Urban, Rural and Tribal Communities

### **Child Centred Social Work Practice**

Introduction to Child Psychology and Development

Rights of the Child – Legal Framework, National and International Instruments

Continuous Field Work I

## Semester IV

Social Development and Social Policy

Project cycle Management and Resource Mobilisation

Dissertation

### **Specialization Courses (One area to be opted)**

#### **Community Development**

Community Health and Population Management

Community Development Practice with Disempowered Communities

#### **Family and Child Welfare**

Development Concerns and Women Empowerment

Families With Special Needs

#### **Medical and Psychiatric Social Work**

Psychiatric Social Work

Community Health and Services

### **Management of Development Organisations**

Human Resource Management: Social Work Perspective

Corporate Social Responsibilities - Concepts & Ideologies

### **Child Centred Social Work Practice**

Children with Special Needs

Child centred Social Work Practice

Continuous Fieldwork II

Internship



# SCHOOL OF EDUCATION

Learn latest theories and techniques

Discover classroom technology

Hone your teaching skills

Network with other professionals

... for professionally groomed and transformational teachers

## DEPARTMENT OF EDUCATION

### Programmes Offered

- BA (Honours) in Education
- MA Education (Specialisations in Educational Leadership, Educational Psychology)
- Integrated BA BEd/ BSc BEd

### BA (Honours) in Education

BA (Honours) Education programme at Don Bosco University combines ideas and research from education, psychology, sociology, philosophy and history. It introduces them to all important elements of Education including the foundations, theories and principles of Education, and an exposure to the latest developments in pedagogy and educational technology. Students will become familiar with scientific methodologies in curriculum development, measurement and evaluation in education.

The Course has been designed for students who have academic interests in education or aspirations to work with children and young people in a variety of fields, helping them develop their critical thinking and character.

### Number of Seats

60

### Eligibility

Passed Higher Secondary School Leaving Examination (or equivalent) in any stream with 50% in the aggregate.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

### COURSE STRUCTURE

#### Semester I

Foundations of Education

Theories and Principles of Education

#### **Ability Enhancement Compulsory Course (AECC)- I**

English Communication

#### **Generic Elective (GE) Course - I (any one)**

Introductory Micro Economics

General Psychology

Academic Writing and composition

Basics of Journalism

#### Semester II

Philosophical Foundations of Education

Education and Society

#### **Ability Enhancement Compulsory Course (AECC)- II**

Environmental Studies

#### **Generic Elective (GE) Course - II (any one)**

Introductory Macro Economics

Media and Communication Skills

Psychology for Health and Well being

Introduction to Computer Application

#### Semester III

Psychological Bases of Education

Distance Education

Development of Education in India

#### **Skill Enhancement Course - I**

#### **Generic Elective (GE) Course - III (any one)**

Indian Economy I

Inter-group Relations

Language and Linguistics

Basics of Photography

#### Semester IV

Educational Thinkers

Educational Technology

Foundation of Curriculum Development

#### **Skill Enhancement Course - II**

#### **Generic Elective (GE) Course - IV (any one)**

Indian Economy II

Language, Literature and Culture

Psychology at work

Mobile Communication

## Semester V

Measurement and Evaluation in Education

## Inclusive Education

### **Discipline Specific Elective- I & II (Choose any two)**

Human Rights Education  
Elementary Statistics in Education  
Adult Education  
Special Education  
Economics of Education  
Environmental Education  
Human Growth and Development

## Semester VI

Teaching Learning Methods and Pedagogy

## Educational Management and Administration

### **Discipline Specific Elective- III & IV (Choose any two)**

Teacher Education  
Project Work  
Physical Education  
Peace Education  
Instructional Technology  
Elements of Research  
Teaching Practice

## 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 re-imagining 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

Vide page 53

## 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

Teaching Practice

### 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

## Integrated BA BEd/BSc BEd

(Awaiting NCTE Approval)

BA-BEd and BSc-BEd programmes at Don Bosco University are professional Teacher Education Courses for those aspiring to make teaching their career and their passion. These Courses put together an amalgamation of

- **Pedagogical theory** to provide the philosophical, sociological and psychological underpinnings for practicing the teaching skills in the classroom;
- **Teaching skills** to provide training and practice in the different techniques, approaches and strategies that would help the teachers to plan and impart instruction, provide appropriate reinforcement and conduct effective assessment. It includes effective classroom management skills, preparation and use of instructional materials and communication skills; and,
- **Professional skills** dealing with techniques, strategies and approaches to gain professional expertise and growth. It includes soft skills, counseling skills, interpersonal skills, computer skills, information retrieving and management skills and above all life-long learning skills.

These Teacher Education programmes at Don Bosco University have a strong core curriculum taught in the context of practice and grounded in knowledge of the child and adolescent development and learning, an understanding of



social and cultural contexts, curriculum design, reform, and innovation, evaluation and assessment and subject matter content and pedagogy knowledge and skills.

Extended teaching practice, at least 24 to 36 weeks of supervised practicum and student teaching opportunities in each programme are carefully chosen and monitored to support the ideas presented in Course Work. A variety of case methods, teacher research and performance assessment nudge the students to apply learning to real problems of practice. Explicit strategies are designed also to help students to confront their own deep-seated beliefs and assumptions about learning and students.

### Number of Seats:

50 seats each in BSc BEd and BA BEd

### Eligibility Criteria

1. Candidates with at least 50% marks in Senior Secondary or plus two examination or its equivalent.
2. Admission shall be given on the basis of previous academic record and performance at the Personal Interview.

### Admission Procedure

Vide page 51

### Location

Tapesia Campus

## COURSE STRUCTURE

**Note:** The Course structure gives additional courses/papers to be taken by B.Ed students along with Bachelor in Science / Arts courses given in their respective pages.

<b>Semester I</b>
Elements of Education
Health and Physical Education
<b>Semester II</b>
Human Growth and Development
Language Across Curriculum
School Visit and Journaling
<b>Semester III</b>
Teaching – Learning Process
Socialisation and Identity
Art and Craft
<b>Semester IV</b>
Educational Measurement and Evaluation
Teacher Education

Information and Communications Technology

### Semester V

Curriculum Studies

Pedagogy of School Subject –I  
Language Assamese / Hindi / Bengali /Science

Self Understanding

Preparation of Lesson Plan

### Semester VI

Pedagogy of School subject -2  
Social Science / Maths

Pedagogy of School Subject -2  
Language / Science

Community Work / Service Learning

### Semester VII

Education in India

Pedagogy of School Subject – 2  
Social Science / Science / Maths / Life Science

Teaching Practice in Schools (20+20 LPs)

### Semester VIII

Multicultural Placement (2 Weeks)

School Internship (16 Weeks)



# 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 (Financial Investment Analysis)
- BSc in Hospitality and Hotel Management
- 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 51

### Location

Azara Campus

## COURSE STRUCTURE

<b>Semester I</b>
Environmental Studies
Financial Accounting & Analysis
Managerial Economics
Entrepreneurship Development
Economic Legislation
<b>Semester II</b>
Business Communication (Language : English / MIL)
Statistics for Business Decisions
Cost & Management Accounting

Organisational Behaviour
Principles of Management
Internship (6-8 weeks)

<b>Semester III</b>
Income Tax
Corporate Finance
Financial Markets & Institutions
Business Ethics and Corporate Governance
Production & Operations Management
IT Tools for Business

<b>Semester IV</b>
Macro Economics
Quantitative Techniques
Financial Econometrics
Research Methodology
Indirect Taxes
Summer Internship

<b>Semester V</b>
Investment Analysis & Portfolio Management
Financial Derivatives
Discipline Specific Elective - I Business Tax Planning Investment Banking and Financial Services
Discipline Specific Elective - II Strategic Corporate Finance Corporate Analysis and Valuation

## Semester VI

Corporate Restructuring

International Finance

### Discipline Specific Elective III

Management of Financial Institutions

International Trade Blocks and Multilateral Agencies

### Discipline Specific Elective IV

Research Project

Corporate Accounting

## 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

Vide page 51

### Location

Azara Campus

## COURSE STRUCTURE

### Semester I

Environmental Studies

Financial Accounting

Business Law

### General Elective -I (Any one)

Micro Economics

Insurance and Risk Management

Principles of Management

Corporate Reporting (ACCA)

### Semester II

Business Communication (Language-English/Hindi/MIL)

Corporate Accounting

Corporate Laws

### General Elective -II (Any one)

Macro Economics

Investing in Stock Markets

Governance, Risk and Ethics (ACCA)

### Semester III

Human Resource Management

Income-tax Law and Practice

Management Principles and Applications

### General Elective -III (Any one)

Business Statistics

Project Management

Advanced Financial Management (ACCA)

E-Commerce

### Semester IV

Cost Accounting

Business Mathematics

Computer Applications in Business

### General Elective -IV (Any one)

Indian Economy

Indian Financial System

(Advance Performance Management)

Entrepreneurship

Internship (4 Weeks)

### Semester V

Principles of Marketing

Fundamentals of Financial Management

### Discipline Specific Elective I (Any one)

### Discipline Specific Elective II (Any one)

Management Accounting

Corporate Tax Planning

Advertising

Banking and Insurance

Computerized Accounting System

Financial Markets, Institutions and Financial Services

Advanced Audit and Assurance (ACCA)

### Semester VI

International Finance and Accounting

Indirect Tax Law

### Discipline Specific Elective III (Any one)

### Discipline Specific Elective IV (Any one)

Fundamentals of Investment

Consumer Affairs and Customer Care

Business Tax Procedures and Management

International Business

Industrial Relations and Labour Laws

Business Research Methods and Project Work

Advanced Taxation (ACCA)

## Master of Commerce (MCom)

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

Vide page 53

### 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



# 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, Kharguli, 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 2020-21

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 2020-2021 Session – 3rd Week of July

### FEE STRUCTURE AND PAYMENT SCHEDULE

	1 <sup>st</sup> Instalment	2 <sup>nd</sup> Instalment	3 <sup>rd</sup> Instalment	4 <sup>th</sup> Instalment	5 <sup>th</sup> Instalment	6 <sup>th</sup> 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
<b>Total Academic</b>	<b>87,500</b>	<b>65,000</b>	<b>56,000</b>	<b>65,500</b>	<b>51,000</b>	<b>51,000</b>	<b>3,76,000</b>

### Requisites

IT Services		2500		2500			5000
Mediclaime	1500						1500
Alumni Fund						2000	2000
Uniform (2 Sets)	2250						2250
Blazer	2250						2250
Caution Deposit (refundable)	2000						2000
<b>Total Requisites</b>	<b>8000</b>	<b>2500</b>	<b>0</b>	<b>2500</b>	<b>0</b>	<b>2000</b>	<b>15000</b>
<b>Grand Total</b>	<b>95,500</b>	<b>67,500</b>	<b>56,000</b>	<b>68,000</b>	<b>51,000</b>	<b>53,000</b>	<b>3,91,000</b>

### Hostel Accommodation

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



# SCHOOL OF PROFESSIONAL STUDIES

*Wide exposure to theory and skills undergirding the field of Hospitality  
Intensive practical exercises and live projects  
Exposure to various settings of Hospitality management in the country and abroad  
Professional internships and exposure to leading hotel chains  
... for grooming seasoned hospitality professionals*

## Programmes Offered

- BSc in Hospitality and Hotel Management

## BSc in Hospitality and Hotel Management

*(To be launched in 2021-2022 Academic Year)*

BSc (Honours) Hotel Management programme at Don Bosco University educates students about the business of hotel and food service management, and prepares them for careers at the management level in the hotel, food service, and broader service industries, either locally or internationally. Students learn to be customer-focused, analytical and independent, and at the same time develop communication and leadership skills. They also gain a global perspective to meet the growing challenges that are faced by the dynamic hotel and food service industries.

The programme offers a multi-disciplinary education, which will equip students with the professional knowledge and skills needed for a broad range of complex, managerial and specialised work activities in the hotel and food service industry. Career opportunities for graduates of this programme include those in hotels, cruise ships, hostels, staff/visitor quarters in hospitals and institutions, serviced apartments, independent restaurants, restaurant chains, dining and catering facilities in hotels, conference and exhibition centres, shopping malls, hospitals, clubs and associations, and institutions.

## Number of Seats

60 seats

## Eligibility Criteria

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

## Admission Procedure

Vide page 51

## Location

Tapesia Campus

## COURSE STRUCTURE

### Semester I

Foundation Course in Food Production - I

Foundation Course in Food & Beverage Service - I

Foundation Course in Front Office Operations - I

Foundation Course in Accommodation Operations - I

Application of Computers

Hotel Engineering

Nutrition

### Semester II

Foundation Course in Food Production - II

Foundation Course in Food & Beverage Service - II

Foundation Course in Front Office Operations - II

Foundation Course in Accommodation Operations - II

Principles of Food Science Accountancy

Communication

### Semester III

Food Production Operations

Accommodation Operations

Food and Beverage Service Operations

Front Office Operations

Industrial Training

### Semester IV

Hotel Accountancy

Food Safety and Quality

Research Project Methodology

Food and Beverage Control

Semester V
Advance Food Production Operations - I
Advance Food and Beverage Operations - I
Front Office Management - I
Accomodation Management - I
Financial Management
Strategic Management
Research Project
Special Topics/ Guest Speakers

Semester VI
Advance Food Production Operations - II
Advance Food and Beverage Operations - II
Front Office Management - II
Accomodation Management - II
Food and Beverage Management
Facility Planning
Research Project
Special Topics/ Guest Speakers



Major Fresh Water Reservoir I - Tapesia Campus



Major Fresh Water Reservoir II - Tapesia Campus

# 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 Applications
- Computer Science and Engineering
- 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](http://www.dbuniversity.ac.in).



PhD Students - 2019 Batch

# 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](http://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](http://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.



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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](http://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](http://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, Tapesia Gardens, Kamarkuchi, Sonapur - 782 402, Assam.

Or

Download the application form from our website ([www.dbuniversity.ac.in](http://www.dbuniversity.ac.in)) fill it and post it to Registrar (Admissions), Assam Don Bosco University, Tapesia Gardens, Kamarkuchi, Sonapur - 782 402, 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, BHHM, 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 (listed in order of increasing transaction charges:

1. UPI (PayTM / GooglePay / BHIM, etc)
2. Pay online at the admission portal of the university: [www.dbuniversity.ac.in/a](http://www.dbuniversity.ac.in/a)
3. NEFT to the University account:

**Bank: South Indian Bank**

**Branch: Guwahati**

**Account Holder's Name: Assam Don Bosco University**

**IFSC: SIBL0000473**

**Ac. No. 0473053000004814**

4. 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.

- After payment of the fee, a copy of the transaction details (Student Name, Mode of payment, UTR no, date of payment, amount and Bank with Branch name) must be furnished for completion of the fee payment task.
- 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](http://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](http://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

**2 May 2020: BTech (Regular)** for applicants who have not appeared for JEE or State Entrance Tests (**Apply before 30 April 2020**)

**13 June 2020: BTech (Regular) & BTech (Lateral Entry)**  
(Apply before 11 June 2020)

**4 July 2020: BTech (Regular) & BTech (Lateral Entry)**  
(Apply before 2 July 2020)

**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) : 13 July 2020**  
**All other programmes (New Admissions) : 27 July 2020**



# 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](http://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](http://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 ap-

plication 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, Tapesia Gardens, Kamarkuchi, Sonapur - 782 402, Assam.

Or

Download the application form from our website ([www.dbuniversity.ac.in](http://www.dbuniversity.ac.in)) fill it and post it to Registrar (Admissions), Assam Don Bosco University, Tapesia Gardens, Kamarkuchi, Sonapur - 782 402, 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	Entrance Test and Personal Interview*	2 May 2020 13 June 2020 4 July 2020 (applications should be submitted at least 2 days before the entrance test)	Azara Campus
MTech	Entrance Test and Personal Interview*	4 July 2020 (Apply before 2 July) The dates will be informed personally to those who apply after 6 July	Azara Campus
MSW	Entrance Test and Personal Interview*	2 May 2020 13 June 2020 4 July 2020 (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, MCom	Personal Interview	Walk-in for an interview on any working day within working hours (9:00 am - 4:30 pm)	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 (listed in order of increasing transaction charges:

1. UPI (PayTM / GooglePay / BHIM, etc)
2. Pay online at the admission portal of the university: [www.dbuniversity.ac.in/a](http://www.dbuniversity.ac.in/a)
3. NEFT to the University account:

**Bank: South Indian Bank**

**Branch: Guwahati**

**Account Name: Assam Don Bosco University**

**IFSC: SIBL0000473**

**Ac. No. 0473053000004814**

4. 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.
- After payment of the fee, a copy of the transaction details (Student Name, Mode of payment, UTR no, date of payment, amount and Bank with Branch name) must be furnished for completion of the fee payment task.
  - 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](http://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](http://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.

### 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.

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



# FEE STRUCTURE & PAYMENT SCHEDULE

## BTech

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2020	18,000	10,000		57,000	85,000
January 2021			15,000	57,000	72,000
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
July 2023			15,000	57,000	72,000
January 2024				57,000	57,000

Apart from the above schedule, the fees may also be paid in one or two installments to avail of discounts:

- One-time payment of Rs. 4,80,000.00 at the time of admission.
- 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.

## Integrated BSc BEd

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2020	18,000	10,000		45,000	73,000
January 2021			15,000	45,000	60,000
July 2021			15,000	45,000	60,000
January 2022				45,000	45,000
July 2022			15,000	45,000	60,000
January 2023				45,000	45,000
July 2023			15,000	45,000	60,000
January 2024				45,000	45,000

## Integrated BA BEd

Instalments	Admission Fees	Caution Deposit	Annual Fees	Tuition Fees	Total
July 2020	18,000	10,000		40,000	68,000
January 2021			15,000	40,000	55,000
July 2021			15,000	40,000	55,000
January 2022				40,000	40,000
July 2022			15,000	40,000	55,000
January 2023				40,000	40,000
July 2023			15,000	40,000	55,000
January 2024				40,000	40,000

## 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

## BSc Hospitality and Hotel Management

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

## 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

## 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

## Doctoral Programmes

Fee Type	Students from India	SAARC	Other Asian/ African Countries	Other Countries
Admission Fee	INR 18,000	USD 400	USD 450	USD 550
Caution Deposit	INR 10,000	USD 250	USD 300	USD 350
Semester Fee				
Humanities	INR 50,000	USD 1000	USD 1200	USD 1400
Science and Technology	INR 60,000	USD 1150	USD 1350	USD 1600
Registration Fee	INR 1000	USD 75	USD 100	USD 150
Thesis Examination Fee	as notified by the University - payable at the time of submission of thesis			

## Fee Structure for International Students

Programme	Fee Type	SAARC	Other Asian/African Countries	Other Countries
		USD	USD	USD
All Programmes	Admission Fee	425	500	630
All Programmes	Caution Deposit	250	290	370
BTech	Annual Fee	350	410	530
	Tuition Fee	1010	1200	1420
Integrated BSc BEd	Annual Fee	350	410	530
	Tuition Fee	800	960	1120
Integrated BA BEd	Annual Fee	350	410	530
	Tuition Fee	710	860	1000
BSc Hospitality and Hotel Management	Annual Fee	350	410	530
	Tuition Fee	610	740	860
BCA/BCom, BA Honours (English, Education, Economics, Psychology, Mass Com)	Annual Fee	350	410	530
	Tuition Fee	450	540	630
MTech, MSc (Physics, Biotechnology, Biochemistry, Microbiology) MA Mass Com	Annual Fee	450	530	680
	Tuition Fee	590	710	820
MCom, MSW, MSc (Psychology, Maths)MA (Education, English)	Annual Fee	350	410	530
	Tuition Fee	450	540	630
BBA	Annual Fee	350	410	530
	Tuition Fee	610	740	860
BSc Honours (Botany, Chemistry, Physics, Maths, Zoology)	Annual Fee	350	410	530
	Tuition Fee	510	620	720
MSc (Botany, Zoology, Chemistry)	Annual Fee	350	410	530
	Tuition Fee	590	710	820
MCA	Annual Fee	350	410	530
	Tuition Fee	460	560	650

## 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.

### 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>)



Men's Hostel II -Tapesia Campus

# 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 and persons with disability/ies.

## Tuition Fee Waiver Scheme

The University has made an amount of Rs **3,97,44,000 (Three crore ninety seven lakh forty 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
BSc in Hospitality and Hotel Management	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
<b>Total</b>					<b>3,97,44,000</b>

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	4
Masters - Sciences	70% and above at Bachelor's Degree	10000	2
BTECH, MTECH, MCA	75% and above at qualifying examination	10000	4
BA, BSc, BCom, BBA, BCA	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*		10000	2
Masters - Sciences	Gross family income less than 2,00,000.00 per annum (to be certified by the Panchayat President or equivalent) fulfilling minimum eligibility criteria of the programme	10000	4
BTECH		10000	4
BA, BSc, BCom		10000	6
BBA, BCA			

### On the basis of Disability

Programme(s)	Eligibility	Amount (per semester)
All Graduate and Post Graduate Programmes at the University	Holding a Certificate of Disability from Government of India	10000

These scholarships are awarded for a semester at a time. The awardees will continue to get this scholarship in subsequent semesters, provided they do 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 scholarship of Rs. 10,000 annually.

### 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.



Panoramic View of Academic Block I

# 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) – 8011 230 974 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 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/](http://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 'Prajwal', '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 extravaganza 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.



### Prajyuktam

Prajyuktam – '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 GUTENBERG, 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:

- Frankfurt University of Applied Sciences, Germany
- University College Dublin, Ireland
- 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 the year 2019 and 2020:

Dates	Conference/Workshop	Resource Persons
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 Physics 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
13 May 2019	Training on installation of Camera Trap for Wildlife study	Mr. Samujjal Saharia, Gauhati University
6 May 2019	Training on Avian Acoustic Analysis	Mr. Nilutpal Mahanta,
7-8 May 2019	Short term Training in Bioinformatics by NIELIT Guwahati, Govt. of India.	Dr. Saurav Mahanta
11-12 June 2019	Workshop on Turtle Biology (Conservation)	Dr. Shailendra Singh, Dr. Jayaditya Purkashtya, Dr. Rajeev Basumtary, Dr. Madhurima Das and Prof. Saibal Sengupta
19th July 2019	Workshop on Research Methodology	Research Committee- ADBU
26 July 2019	Seminar on The goodness of imperfections: A curious case of nanomaterials	Dr. Ramakrishna Podila
31 July - 1 August 2019	National Workshop on Importance of Accreditation for Technical Education	Various experts from across India
13 August 2019	Symposium on Schrödinger Picture 2019	Prof. Poulouse Poulouse, IIT Guwahati
28 August 2019	Lecture on Cyber Security	Mr. Biraj Das, SP, Communication, Guwahati
2 August 2019	Workshop on Review of Literature, Workshop on APA Referencing	Ms. Dharitri Dutta
6 August 2019	Orientation to Neurolinguistic Programming	Dr. A Abraham
8-10 August, 2019	National Conference on Social and Behaviour Change Communication for North Eastern Region organised by Department of Mass Communication in collaboration with UNICEF and Tezpur University	Experts from UNICEF, Prof. Emeritus David Mould, Ohio University, USA; Dr. Andrew Carlson, Associate Profes-sor, Metropolitan State Univesity, USA and Academicians from India

8 September 2019	Invited talk on Job aspects and Entrepreneurship	Mr. Madhurjay Bora, Chief Technical Expert, OrcheeTech
20 September 2019	Workshop on Scratch Programming	Department of Computer Applications
27 September 2019	Workshop on Android Programming	Department of Computer Applications
16 - 20 September 2019	Workshop on Technical Familiarisation Course with Royal Enfield	Royal Enfield trainers
1 & 15 September 2019	Talk on Organ Donation by Excel Care Hospitals	Excel Care collaborators
20-21 September 2019	Two Day Workshop on Basics of MATLAB	Prof. Kandarpa Kumar Sarma (GU), Mr. Kaustubh Bhattacharyya (ADBU), Mr. Karen Das (ADBU)
24 September 2019	Workshop on 'Scratch'	Students of 7th Sem CSE
25 September 2019	Workshop on Tool construction in research methodology	Dr. Chandita Baruah
30 September 2019	Workshop on Women Skill Enhancement Training Program	Dr. Asha Borah and Lady faculty member of Dept. of CSE and CA
30 September - 5 October 2019	One week Certificate course in Neuropsychology and its Applications	Proff. Roberto Ravera and Dr. Virginia Ravera
1 October 2019	Personal Growth Workshop	Jubika Barua
14 - 16 October 2019	Workshop on Experimental Filmmaking	Prof. Bernard Kayser, Frankfurt University
17 - 18 October 2019	A Two-day workshop on CNC and Robotics	Faculty members and Alumni of MNE Department
17 - 18 October 2019	A Two-day workshop on Introduction to Basic Mathematics	Dr.Hemen Bharali, Dr.Fokrul A Mazarbhuiya, Dr. Sanjay Dutta, Dr. Saugata Purkayastha, Dr.Nirupam Datta
17, 19 October 2019	Two day Workshop on Scratch	Students of 7th and 5th Sem CSE
21 - 25 October 2019	Workshop on Projects Cycle Management and Resource Mobilisation	Department of Social Work
22 October 2019	Workshop on Basics of Web Development	Department of Computer Applications
1-2 November 2019	Workshop on Computational Physics 2019	Dr. Subir Sarkar, Dr. Subhankar Roy
6 November 2019	Workshop on Academic Reforms and Art of Doing Research	Pranjal Sarma
8 November 2019	Workshop on Preparing of Resume & Interview	Dr. Pranab Das, Dr. Rupam Kr. Sharma
8, 11&12 November 2019	Workshop on Technical Familiarisation course with Royal Enfield	Royal Enfield trainers
15 November 2019	Interactive session with Knowhow3D	Knowhow3D Trainers
16 November 2019	Guest Lecture - Orientation Programme on Research Concepts for the newly appointed Ph. D. Supervisors in ADBU	Prof.K.C.Kapoor
18 November 2019	Extension lecture on Research Methodology in Synod College, Shillong	Prof.K.C.Kapoor
18 November 2019	Hands on Training programme on Biotechnological tools in Handique Girl's College	Biotech Hub- ADBU
2-7 December 2019	One Week Workshop on Design of Solar Powered Chargeable LED Lamps – Swabhalamban	School of Technology- ADBU
22nd January 2020,	Workshop on Case Study and MSE	Dharitri Dutta
25th January 2020,	Workshop on Workplace Ethics and Interpersonal Relations	Dr. Sabiha Alam Choudhury
27th January 2020	Workshop on Positive Psychology in the Workplace	Dr. Sabiha Alam Choudhury
31st January 2020	Workshop on Data Analysis and Interpretation	Dr. Chandita Baruah

# 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



Rev Fr Francesco Cereda, Vicar General interacting with students

# 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.



On-campus interview at Azara Campus



## 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.



Fr (Dr) Stephen Mavely felicitating local women on International Women's Day

## 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!

## 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.

## 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.



Student Volunteers from ADBU and University College Dublin, Ireland reinovating Anganwadis

# Glimpses of the Eighth Convocation

7 September 2019





Aerial View of Tapesia Campus



[www.dbuniversity.ac.in/a](http://www.dbuniversity.ac.in/a)

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