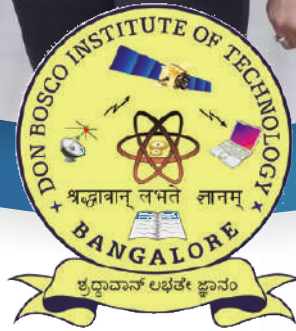




Wayanamac Education Trust®



DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bangalore - 560074



AICTE
New Delhi



Affiliated to
VTU
Belagavi



Recognised by the
Government of
Karnataka



Accredited by
NAAC
Bangalore



Accredited by
NBA
New Delhi
(CSE, ISE, ECE, EEE & Civil)



VISION

“To be a center of excellence to transform young minds in technical and management education, fostering innovation and entrepreneurial skills with ethical, environmental and social responsibility”.

MISSION

- To impart quality education in order to meet the needs of industry and society.
- To collaborate with academia, industry & research Institutes to strengthen teaching & learning process.
- To promote equitable & harmonious development of students to work in teams.
- To imbibe lifelong learning skills and entrepreneurial skills exhibiting leadership

Under Graduate B.E / B.Tech

COMED-K
CODE E041

CET
CODE E102

- CSE (Artificial Intelligence & Machine Learning)
- Artificial Intelligence & Data Science
- Computer Science & Engineering*
- Information Science & Engineering*
- Electronics & Communication Engineering *
- Electrical and Electronics Engineering *

* NBA Accredited

PGCET
CODE B163

Post Graduate MBA

- Marketing ● Finance
- Human Resources (HR)
- Business Analytics
(Dual Specialization)

Research Programs Ph.D in Engineering (CSE, ISE, ECE and EEE), Management and in Basic Sciences (Physics, Chemistry and Mathematics)

WHY DON BOSCO ?

- Well qualified and experienced faculty steering the curriculum design and delivery.
- Board of Studies with industry representation provides state-of-the-Art curriculum.
- Quality is our forte - A dedicated Internal Quality Assurance Cell (IQAC) drives Quality in whatever we do, especially, the course delivery.
- The institution is accredited by NAAC (National Assessment & Accreditation Council) and all eligible UG programs of the institution are accredited by NBA (National Board of Accreditation).
- Choice Based Credit System helps students to study courses of their choice depending on one's choice and passion.
- Technical events including invited talks, hackathons, technical symposia & others groom students into fully rounded professionals.
- Ample encouragement to participate in sports helps students to pursue additional career paths and adorn the personality of their choice.
- Opportunities for fully rounded development:
 - a) R&D centers attached to each of the teaching departments trigger the research acumen of the students.
 - b) On-campus Entrepreneurship Development Cell (EDC) facilitates incubation and start-ups thus encouraging entrepreneurship among students.
 - c) Skill development in students enabled through centers of excellence / steered by industry leaders makes the students industry-ready.
 - d) Extracurricular activities like NCC/NSS, Sports activities and cultural activities are in -place.
- Dedicated and highly efficient Training and Placement Cell supports students to bag awesome on-campus placements.
- Strategic location of the campus neither being too near to get into the urban hussle-bussle nor being too far making it inconvenient to commute, together, ensures excellent learning ambience.
- Encouragement and ample opportunities to undergo value added courses which are gracefully tied to the curriculum and would earn honors degree for students.
- Mentor-mentee scheme supports the students with respect to his/her curriculum, co-curricular activities, extra-curricular activities, to make his/her campus life smooth, comfortable and enjoyable.
- On-campus hostel facilitates immersive learning available for both boys and girls.
- Dedicated counsellor helps students in utmost friendly way to build emotional strength on a need basis.
- Final year of the UG program, totally dedicated for industry exposure through internships and project works.

- **COMPUTER SCIENCE & ENGINEERING (CSE)**
- **INFORMATION SCIENCE & ENGINEERING (ISE)**

The curriculum of these Computer Science oriented UG programs is significantly industry oriented and span across fundamental topics starting from programming languages, databases, web programming and data structures all the way up to topics such as advanced computer architecture, software engineering, distributed databases, distributed Computing, Cloud Computing, high performance computing, operating systems and other advanced topics. This spectrum of topics is positioned strategically in semesters I through 8. The delivery



mechanism leverages the right mix of practical and theoretical exposure to the students thus making them industry ready. Professional Elective courses (PECs), multi-disciplinary Institutional Elective Courses (IECs), Internships and Project works along with Value Added Courses offered with industry support through our on campus centers of excellence open opportunity for students to pursue career path of their choice.

- **CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)**
- **ARTIFICIAL INTELLIGENCE & DATA SCIENCE**



These UG programs deal with AI technology and its application to solve multitude of real life problems. The curriculum for these programs is oriented towards computer science during the lower semesters while the later semesters deal with AI specific courses. Foundation courses in mathematics and statistics teach the fundamental principles of AI whereas additional courses teach design paradigms like Artificial Neural Networks, Machine Learning (ML) techniques and Deep Learning (DL) frameworks, Data Analytics, Data driven Modeling and Data Mining Techniques. Students are trained to conduct software-based simulation of ML and DL for specific application areas and their emulation on high speed hardware

including GPUs. Advanced topics of AI including federated learning, Generative Adversarial Networks and others are offered as elective courses so that students are having the flexibility to specialize in courses of their choice. Needless to say that the excellent curriculum and expert delivery to students supplement the already existing ocean of opportunities since the technology is still an upcoming one but pervasive into all walks of life.

- **Electronics & Communication Engineering (ECE)**
- **Electrical & Electronics Engineering (EEE)**

Curriculum for these programs deals with embedded systems, communication systems and signal processing for the ECE program whereas power system engineering, power electronics, embedded systems, energy management systems (EMS) constitutes the EEE program. Subsequent to these foundation courses during the lower semesters, the higher semesters deal with advanced courses that include VLSI design, advanced digital communication systems, control engineering, Real Time Operating Systems (RTOS) and others. Specific technology areas like 5G/6G cellular communications, parallel processing, distributed computing, electric and Hybrid Electric Vehicles (HEVs), non-conventional energy sources and such



others are taught through several elective courses which the students can opt depending on one's interest during the later semesters. Students are also allowed to opt for interdisciplinary courses like AI, ML, DL, cloud computing, programming languages and others so that they are either in a position to apply advanced techniques to their domains of interest or pursue alternative career paths in multidisciplinary domains.



Training & Placement

Training and Placement (T&P) has become an integral part of the curriculum even on a global scale since corporates aspire to recruit fresh talent year after year. As such, DBIT strives to supplement the curriculum with other skills and value adds through trainings to make students industry ready. Additional trainings are imparted to enhance logical and reasoning skills, time management skills, aptitude and analytical skills thus supporting personality development. Some of the reputed companies who visit us for campus recruitment include Infosys, TCS, Wipro, IBM, HP, HCL, NTT Data, Tech Mahindra, Mind Tree, KPMG, Johnson Controls and others. The dedicated T&P cell execute quest for new corporates on a continued basis throughout the year. The outcomes of every campus recruitment drive gets analyzed in a detailed manner and relevant corrections get into curriculum delivery and also into the placement trainings so as to nullify the failures.

OUR MAJOR RECRUITERS



Committed to Excellence in Education

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