

Wayanamac Education Trust®



DON BOSCO



INSTITUTE OF TECHNOLOGY

Mysuru Road, Kumbalagodu, Bengaluru-560074

AN AUTONOMOUS INSTITUTION

Approved by
AICTE
New Delhi



Affiliated to
VTU
Belagavi



Recognised by the
Government of
Karnataka



NAAC
GRADE A
ACCREDITED



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



CET
CODE **E102**

COMED-K
CODE **E041**

PGCET
CODE **B163**



TIMES SURVEY 2024



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COURSES OFFERED

UNDERGRADUATE PROGRAMMES (B.TECH) POST GRADUATE RESEARCH PROGRAMME

B.E



- Artificial Intelligence & Machine Learning
- Artificial Intelligence & Data Science
- Computer Science & Engineering*
- Information Science & Engineering*
- Electronics & Communication Engineering *
- Electrical and Electronics Engineering *
- CSE (IOT & Cybersecurity including Blockchain Technology) * NBA Accredited

MBA



- Marketing
- Finance
- Human Resources (HR)
- Business Analytics

RESEARCH PROGRAMMES



- Ph.D in Engineering
CSE, ISE, ECE, EEE,
- In Basic Science
(Physics, Chemistry & Mathematics)
- Management MBA



Don Bosco Bangalore 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.



- To impart quality education in order to meet the needs of industry & 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 & entrepreneurial skills exhibiting leadership.



DBIT's vision to build a culture for innovative teaching and learning has led to faculty adopting a range of evidence-based pedagogies, which are identified and promoted by the Centre for Engineering Education Development (CEED). CEED regularly conducts training programmes and encourages faculty to engage in educational research.



OUR TEACHING METHODOLOGIES



78 seminars organised

33 workshops organised

12 faculty development programmes organised

33 Students training programmes organised

04 Hackathons

25 Students Industrial Visits

THE DBIT ADVANTAGE

it begins with good academics, and goes so much further from there. Be it the industry-relevant curricula, co-curriculars, extra-curriculars, industry exposure, placements, or our green, animal-friendly campus. Our ecosystem nurtures innovation and entrepreneurship, empowering you with the capabilities to make change.

RECOGNISED AMONGST THE BEST

UGC AUTONOMOUS

NAAC A
accredited

NBA
National Board of
Accreditation (CSE, ISE, ECE & EEE)

TOP 32
Engineering College
in South India by
India Today

WORLD-CLASS INFRASTRUCTURE



Close to
Bangalore city



Green and animal
friendly campus



Digitally-enabled classrooms
& state-of-the-art labs



KASE
The incubator

HOLISTIC STUDENT DEVELOPMENT



Cultural fests



Student clubs in
emerging technologies



Student fests



Various indoor and
outdoor sports

OUTCOME-DRIVEN APPROACH



Industry-relevant
curriculum



Campus
recruitment training



Career
Guidance Cell

100%

Placements Assistance
(4.5 - 30 LPA)

- 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, data bases, 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.



CSE (IOT & CYBERSECURITY INCLUDING BLOCKCHAIN TECHNOLOGY)

The UG program on IoT, cybersecurity and blockchain technology deals with technologies that govern massive data generation, data acquisition, data storage and data protection along with technologies underlying network security, cloud security, information security and application security. This UG program also leverages technologies associated with block chain also called a digital ledger that records and values transactions secured using cryptographic techniques across computer networks. In this way, the gamut of technologies underlying this UG program opens up multiple career opportunities for students to build technologies that are state of the Art and beyond.

INFRASTRUCTURE AND FACILITIES

WHERE EVERYTHING AROUND, IS JUST AS INSPIRING.



ECO-FRIENDLY
CAMPUS



HIGH-SPEED WiFi



AMPHITHEATRE



STATE-OF-THE-ART
LABORATORIES



HOSTEL FACILITIES
IN CLOSE PROXIMITY



INDOOR AND OUTDOOR
SPORTING FACILITIES



WELL-CONNECTED
WITH BUS TRANSPORT



CAFETERIA



FOCUS RESEARCH CLUSTERS

VERY-LARGE-SCALE
INTEGRATION (VLSI)

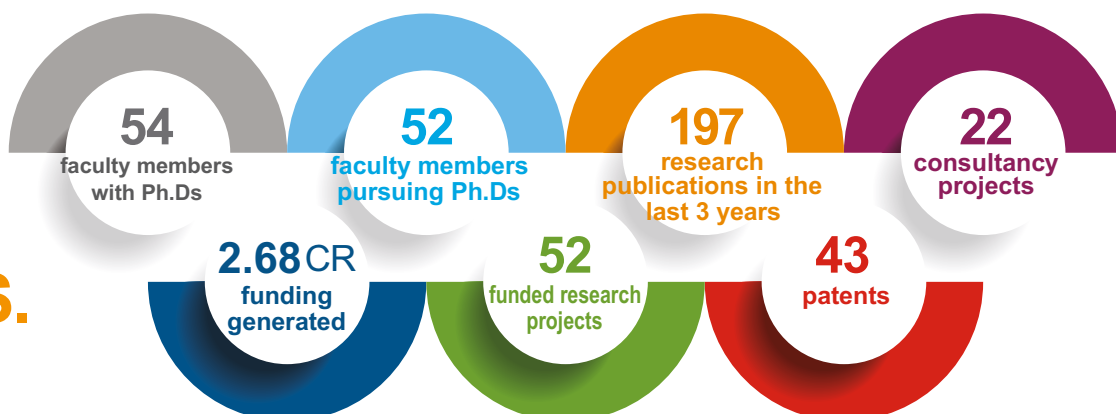
ARTIFICIAL
INTELLIGENCE

WIRELESS
COMMUNICATIONS

ENGINEERING
EDUCATION



IT'S ALL
IN THE
NUMBERS.



**HOLISTIC ENGINEERING
APPROACH TO BUILD
ESSENTIAL SKILLS
FOR THE 21ST CENTURY**

**WHEN YOU'VE GOT THE SKILLS,
YOU'VE GOT IT ALL.**

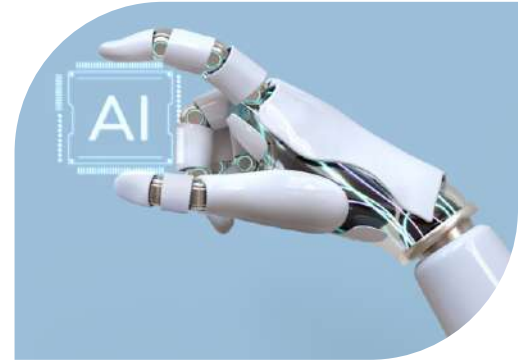
Along your journey at DBIT, your professional growth will be accompanied by valuable life skills, anchored by core universal ethics. These skills and ethics bring a broader vision to the table, with a greater sense of responsibility. The capability to make change. Technologically, industrially, economically, socially and environmentally.

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Artificial Intelligence & Machine Learning is a specialized branch in Computer Science & Engineering dealing with simulation of human intelligence by machines.

The future of AI is bright. Going by the pace with which every industry is applying AI in their domain, studying ML opens world of opportunities to develop cutting edge ML applications in various verticals – such as cyber security, image recognition, medicine, or face recognition. Use of AI will result in optimizing the routine process and improving efficiency in business processes.

Data science is about the implementation of this knowledge through several tools and programming languages which is turning out to be an essential part of the curriculum as it helps lay a strong foundation for students to be updated in the evolving market scenario.



SAMSUNG INNOVATION CAMPUS @DBIT



VISION

To be a center of excellence, enabling students in the area of Computer Science & Engineering to become successful and socially responsible software professionals.

MISSION

M1: To impart knowledge that builds software skills with logical and structured thinking.
M2: To provide training on the usage of software tools for developing applications in the multiple

domains of Computer Science & Engineering

M3: To create entrepreneurial manpower to serve in industry, academia, and social setting.

M4: To inculcate professional ethics and concern for the environment so that it benefits society.



THE CO-CURRICULAR ACTIVITIES

At DBIT, it isn't just about the curricula, but a plan of academics that goes much further. A plan much larger than the field of engineering. A plan that provides opportunity to cultivate world-changing solutions. Our curricula are supported by co-curricular activities that give students the extra edge, to lead in the path they choose. And pioneer change, the way they should.

MONTHLY SEMINARS

Industry Academia Connect

Technology and Social Innovation

Entrepreneurship

Women in Industry

Alumni Connect

ROBOTIC PROCESS
AUTOMATION

AUTOCAD

GREEN
CONSTRUCTION

MACHINE LEARNING
IN PYTHON

MACHINE LEARNING
IN DATA SCIENCE

INTERNET OF THINGS (IOT)

PYTHON
PROGRAMMING

DESIGN OF
HYBRID VEHICLE

EMBEDDED SYSTEMS & IOT

TRAINING AND PLACEMENTS

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.



Neeraj V has been placed in KIAAN Company in 2024 and the highest package is **Rs.30 LPA**

OUR MAJOR RECRUITERS



STUDENT'S ACHIEVEMENTS



Our Student Kishore .S EC Dept has secured 1st Place (Gold Medal) in India's Skill competition at Delhi during 2024. Also he has represented Team India for world skill



M.Anushree of Ai & ML Dept. has secured 8th Rank in VTU , Belagavi , Karnataka

GROW, BEYOND FOUR WALLS.

THE EXTRA-CURRICULAR ACTIVITIES.

At DBIT, education goes beyond the classroom. It's where everything outside of it, is just as important. Just as inspiring. So, our students pursue interests they've carefully cultivated, or wish to cultivate. And emerge as inspiring individuals.



SPORTS



Basketball



Badminton



Cricket



Carrom



Football



Kabaddi



Table Tennis



Volleyball

SPORTS ACHIEVEMENTS

There are 35 students from DBIT have represented National in various sports



Committed to Excellence in Education

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