



Don Bosco Institute of Technology

www.dbit.in

Institute Code: EN3208

Engineering College

(Approved by AICTE and Affiliated to the University of Mumbai)



Electronics & Telecommunications



Computer Engineering



Information Technology



Mechanical Engineering





Don Bosco Institute of Technology (DBIT)



Fr. Colbert da Silva
Director - DBIT



Fr. Leon Cruz
Administrator - DBIT



Dr. Prasanna Nambiar
Principal - DBIT

Don Bosco Institute of Technology (DBIT) is a Christian minority institute established and managed by the Salesians of Don Bosco. It aims to impart premium quality technical education to young people in an academic environment.

DBIT provides equal educational opportunities which empowers students to become productive and ethical in a technology-oriented society.

The Salesian philosophy of education which emphasizes the intellectual, spiritual and emotional growth of every individual student, is evident in all facets of campus life. The academic and technology programmes allow students to prepare for their career as well as pursue higher education through its curricular, co-curricular and extracurricular activities. DBIT provides opportunities for personal growth as well social awareness and responsibility.

The lush green, six acre DBIT campus in Kurla, Mumbai, is located opposite Kohinoor City and is easily accessible from Vidyavihar Station on the Central Railway and Santacruz station on the Western Railway.

DBIT is committed to Technology, Quality and Sustainability.

Vision:

DBIT will be known to have an innovative, enjoyable and holistic learning environment that enhances individual success, the Don Bosco way. We seek to make DBIT the preferred choice of students, employers hiring engineering graduates, and practitioners seeking further education.

Mission:

We aim to provide service in the best traditions of Don Bosco, by seeking to develop entrepreneurial attitude and special commitment in every student we train. DBIT will also make a contribution to society through its educative process in a diverse and stimulating learning environment wherein students, faculty and staff can strive and grow.

- ◊ To produce engineers who will excel in industry and research.
- ◊ To provide consultancy to various industries.
- ◊ To produce programmes which are contemporary and relevant to industry.
- ◊ To share expertise and resources for the benefit of underprivileged youth of local communities.
- ◊ To be a centre of research and development in the field of technology and sustainability.
- ◊ To gain recognition in the field of technical education, both nationally and internationally.
- ◊ **The goal of DBIT is to produce good engineers who are good human beings.**

Placements

Campus Placements:

The students from our institute are presently working in prestigious companies in India and abroad. The best practices followed by the Training and Placement cell of DBIT ensures that every talented graduating engineer is given an opportunity for full time employment.

The unique system and procedures set for training of DBIT engineering students makes DBIT campus a highly sought after hub for recruitments by multinational companies. Many prestigious companies like TCS, TAJ, Mahindra & Mahindra, HSBC, Directi, Voltas, Media.Net, Infosys, L&T Infotech, Capgemini, Jacobs Engineering, ABO Valve recruit DBIT engineering students every year.

A placement committee of faculty placement coordinators, student placement coordinators and a full time Training and Placement Officer, assist the students in the best way to get suitable jobs in the industry. Training and Placement cell of DBIT has achieved commendable success in placing engineering students in both MNCs and in medium scale industries. The salary package ranges from average 3.00 LPA to 9.00 LPA.

Training:

DBIT engineering students are well trained and are prepared for campus interviews well in advance before the final campus placement in their last academic year. The training is facilitated by Training and Placement cell and students are trained for aptitude tests, group discussions, personal interviews and communication skills. The training is planned on the basis of actual selection procedures adopted by the various companies.

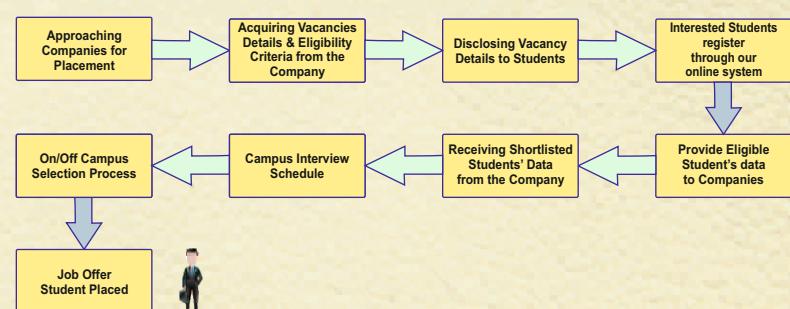
Internships:

DBIT Training and Placement cell follows its unique system for internships. Students are always encouraged and assisted to get internships in various companies in and outside Mumbai. DBIT students are doing internships every year in many companies like L&T, HP, BARC, BPCL, Air India, Tata Thermal Power and Crompton Greaves. Please visit the college website for internship records (www.dbit.in).



Placement Process:

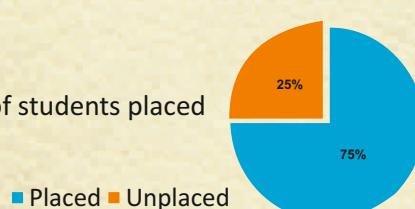
DBIT has adopted its own systematic and transparent process for campus placements. Training and Placement cell follows best practices to assist all final year students in getting a full time employment offer. Students usually get job offers before completion of their engineering final year. DBIT believes in providing equal job opportunities to all the students.



Placement Records:

DBIT T&P CELL is sensitized and committed to function all through the year. The placement percentage is calculated on the basis of total number of eligible students only.

Overall % of students placed



DBIT is registered with National Apprenticeship Training Scheme (NATS) under the Union HRD Ministry of India

DBIT has developed its own web app for students to register themselves for training and placements

Some of our esteemed Placement Partners:



Please visit the college website for company wise placed student www.dbit.in

Programmes

DBIT offers Bachelor of Engineering (BE) programmes affiliated to the University of Mumbai and approved by the All India Council of Technical Education (AICTE), in the following branches :

Electronics and Telecommunication Engineering	60 seats
Computer Engineering	60 seats
Information Technology	60 seats
Mechanical Engineering	120 seats

Associations:

1. CSI (Computer Society of India) <http://csi.dbit.in/>
2. ACM (Association of Computer Machinery)
3. IEEE (Institution of Electrical and Electronic Engineers)
4. SAE (Society of Automotive Engineers)
5. ISHRAE (Indian Society for Heating, Refrigeration and Air-Conditioning Engineers)
6. NSS (National Service Scheme)
7. ISTE (Indian Society for Technical Education)

Electronics & Telecommunication Engineering

Electronics & Telecommunication (EXTC) Engineering plays a major role in the development of sustainable technologies in the fields of Public health, transportation, agriculture, manufacturing etc. The Department of EXTC in DBIT was established in the year 2001 with an intake of 60 students and has state of the art infrastructure as per the guidelines laid down by the All India Council for Technical Education (AICTE) and University of Mumbai. The Department of Electronics & Telecommunication Engineering, with its dedicated faculty and robust infrastructure, has been able to produce quality and socially responsible Engineers with high employability skills. The Department of EXTC welcomes all prospective candidates to be a part of this family.

Laboratories

The Department of EXTC has 8 state of the art laboratories. The laboratories are: Basic Electrical & Electronics Laboratory, Radio Frequency Laboratory, Basic Communication Laboratory, Analog Electronics Laboratory, Advanced Communication Laboratory, Image & Video Processing Laboratory, VLSI & Embedded System Laboratory and Project Laboratory.

All these laboratories are well equipped to cater to the needs of the courses being conducted in these laboratories. Digital Oscilloscopes, Function generators, Power Supplies, Individual Computers for students, Embedded Development Kits, Communication kits, Electronic System Design modules, PCB Designing systems, Electronic Hardware equipment etc. are included in these laboratories.

Achievements of the Department

- Dr. Sudhakar Mande is Chairman, Board of Studies, Electronics Engineering, University of Mumbai & Chairman, IETE Navi Mumbai Chapter.
- Ms. Ashwini Kotrashetti is Executive council member, IEEE Mumbai and has recently obtained a grant of 18 lakh rupees from IEEE for developing a Repeater station in Valvanda village of Maharashtra.
- Ms. Gejo George won the "IEEE Outstanding Branch Counselor and Branch Chapter Advisor Award" and being selected amongst 20 Outstanding Counselors and Advisors around the world.
- Mr. Satishkumar Chavan (PI) & Mr. Mohd Iqbal (Co-PI) are working on a Minor Research Grant funded by University of Mumbai on topic 'FPGA Development Board', Ms. Madhavi Pednekar and Ms. Freda Carvalho are conducting cutting edge research activities at IIT Bombay, TIFR and University of Mumbai.
- Mr. Yogesh Gholap won Best M.Tech Thesis award at IIT Bombay in July 2016.

Activities- Student chapters/Professional bodies

IEEE DBIT is a student chapter of The Institute of Electrical and Electronics Engineers (IEEE) and is actively involved in organizing guest lectures from distinguished members of IEEE and conducting workshops and seminars for the students.

IETE DBIT is a students chapter of Institution of Electronics and Telecommunication Engineers (IETE). The main thrust of IETE is to conduct hands on workshops and competitions to engage the students with the practical aspects of Electronics which they learn in their course theory lectures.

RCSA: Robotics Club and School of Automation is a new initiative of the Dept of EXTC to popularize the concepts of Robotics and Automation among the students. RCSA will be putting forth a course of one year which will enable the students to learn and ingrain the aspects of Autonomous Robotics and Automation process. The course will start from July 2017.



Computer Engineering

The Department of Computer Engineering at DBIT is a lively and invigorating place. It is committed to excellence in teaching, research and inculcating a sense of pride and confidence in the students. The objective is to empower our students with latest technological skills by providing them with best teaching faculty, state of the art laboratory facilities and excellent research and development environment. The motivation is not just to nurture their technical skills but to provide professional grooming and guidance so that our students come up as thorough professionals and inspiring individuals. We as a team resolve to take the department to heights of success and glory and prepare for the forthcoming challenges.

Laboratories: Laboratory experience is an indispensable part of the educational process and a key factor in preparing students for real engineering practical life; for this reason, the Department state of the art computing facilities through 8 computer labs to the students. All the laboratories are networked, have internet access and are equipped tools and facilities that provide hands-on practice for students for academic and undergraduate research work.



TEKNACK TEAM

Achievements of the Department

Faculty Achievements

Faculty from the Department have delivered expert talks at National and International Level, presented and published papers at several reputed National and International conferences and journals, reviewed National and International conferences, contributed towards syllabus setting and are involved in research. Mumbai University has awarded the following minor research grant projects:

- Near Real Time Monitoring of Autistic Children
- Gesture Aided Speech
- Mind controlled Wheelchair using EEG Headset and arduino Microcontroller.
- Near real time air pollution monitoring and analysis using cloud based GIS
- Computer Assist for Paralyzed using EEG

Additionally, the Department has achieved the following: Second Best Research Paper Award, Faculty Internship in industry, Interaction Design Specialization by University of California, San Diego on Coursera and Design Thinking for Innovation by University of Virginia on Coursera, contribution to publication of books and proposals for external funding.



'ALL GO RHYTHM' - Department Day

Student Achievements

- Students from B.E. participated at National Level for Smart India Hackathon 2017 organized by Government of India and won the cash Prize of Rs.50,000/- at Smart City India Contest organized by Vivekanand Education Society.
- Seven teams from the department qualified for the TCS codevita Competition conducted by TCS.
- Students from T.E. and B.E. won the first prize for case study competition conducted by JP Morgan.
- Students from B.E. stood in first 300 for TCS Testimony competition conducted by TCS.

Highlights of the department

- Research Centre for Geoinformatics, Research Centre for Human Machine Intelligence, Strong outside world interaction with Academic Institutes and industries
- Industrial visits in every semester
- In house certification program on Linux, Android and Web Designing
- Connaisance- guest lecture /workshop/seminar series for final year students
- Workshops on Ethical Hacking, Arduino, soft skills and team building
- Department has developed NGO projects
- Alumni involvement in the academic and undergraduate research work by alumni

Student chapter activities

The ACM-DBIT student chapter first took root in the year 2003. This chapter is the largest known student chapter in the campus of DBIT with over 700 members

Teknack - an online technical festival with national and international participation with Mumbai Mirror coverage

Profectus - a mock interview and poster competition session for third year students

Workshop series on technologies like ADT (Web Basics), Git/Github, Arduino Workshop



Profectus- a mock interview and poster competition

Information Technology (IT)

IT has revolutionized the way businesses are done nowadays and has become an integral part of any organization be it operation or planning/decision making process. The automation enabled by the application of IT has improved the productivity significantly of all the sectors. Not even a single sector is untouched by the influence of IT. The Bachelor program prepares students to meet the IT needs of business world, government sector, healthcare, aviation, agriculture, schools and other kinds of organizations by providing appropriate IT solutions. The core IT subjects covered are Database, Operating System, Programming Languages, Networking, Information Security, Data Structure and Algorithms, Web Technologies, Artificial Intelligence , Data Mining, Information Storage, Mobile and Cloud Computing etc.



Smart India Hackathon 2017

The department of Information Technology at DBCL is known for its academic performance, placement records, project quality and highly experienced and well qualified teaching staffs who are well versed with the latest technologies in IT sector .The department student chapter provides a platform to the students to get an opportunity to organize and participate in workshops, hackathons and coding competitions. The Department is also developing its Centre of Excellence by having an association with IIT Bombay FOSSEE which so that opportunities can be opened for the faculty as well as the students to use their IT knowledge for the benefit of the society using Open Source tools.

Laboratories

All the labs are equipped with latest configuration computers, AC and internet facility

- Open Source Lab Programming Language lab
- DBMS Lab
- Web Programming Lab
- Network & Security lab
- Cloud Computing Lab
- Software Engineering Lab
- Simulation Lab



Online Toll Payment System - NIT Nagpur



Guest lecture on IoT by Mr. Sachin Sadare, Ideanutz Consultancy

Achievements of the Department

- Cloud Computing Lab
- Smart Fridge
- Search Engine Optimization
- A Machine Learning Approach to Protein Folding Recognition
- Intrusion Detection using keystroke dynamics and fuzzy logic for touch screen devices
- **The idea -Evaluation of Health Hazards and management of electronic waste - Environment Forests and Climate Change – presented at Sri Krishna College of Technology Coimbatore won a prize of Rs 75000 at the Smart India Hackathon**

Faculty Achievements

Faculty members have authored books, published papers in national and international conferences and attended short term training programs at reputed institutes.

Student Achievements

The students of IT department have presented papers at national and international conference, are actively involved in social outreach programs and have won prizes in intercollegiate sport events

Highlights of the department

- Centre of Excellence in “Open Source Software for Education”
- Association with IIT Bombay FOSSEE for promoting Open Source Technologies
- Offers certification in Oracle 11g, Android App development, and Web programming
- Provides software solutions for the entire DBCL campus
- Offers Moodle (Educational content management software) training every year to the new staff members
- Games of codes – inter college coding competition is organized by the department every year in the odd semester
- Mumbai Hackathon – Open Source Software product development competition in association with Frappe Technologies every year in the even semester
- Guest lectures and workshops on latest technologies
- Contribution to community in promoting OpenSource Technology for Education through Linux User Group – Mumbai

Activities- Student chapters/Professional bodies

DBIT – CSI Student Chapter is driven by the core committee. The core committee is encouraged to organize workshops and seminars on latest emerging trends and technologies in IT field.

Mechanical Engineering

Mechanical engineering is a core engineering discipline which deals with the design, development, manufacturing, installation, operation and maintenance of tools, machines and equipment used in industries. The department has qualified teaching staff educated from IITs and NITs and experienced non teaching staff. The industry background of some of the faculty members has been very useful in enhancing the student awareness of practical issues. More than 450 young engineers have graduated from Mechanical Engineering since 2010. Some of the students are working in Industry in India and abroad while some are pursuing their higher studies at universities in UK, Australia, Singapore, USA and also in prestigious institutes like IITs and NITs.

Laboratories

- Strength of Materials
- Theory of Machines and Vibrations
- Applied Mechanics
- Solid Works
- CAD-CAM
- Mechanical Measurements and Control
- Automobile-systems
- Heat Transfer
- Refrigeration and Air Conditioning
- Internal Combustion Engine
- Fluid Mechanics
- Hydraulic Machinery
- Simulation Center: Finite Element Analysis and Computational Fluid dynamics
- Mechatronics
- Workshop/Machine Shop

Funded project

- High efficiency solar collector
- Study of uncertainties in strain measurement
- Use of nano particles in biogas production
- Design & development of portable vertical milling machine
- Liquid Sampler



First prize, National Project Exhibition, Veltech University, 24 Feb 2017

Student Achievements

- Group of B.E. Mech students have designed a portable stool "Porsearr", which has two patents
- A Group developed "Zero Net Energy Home" which was presented at ICASPCT-2016
- Four students did "Design and Optimization of Hydrocyclone" and presented at 17th ISME conference at IIT Delhi
- Secured the 1st position in Transportation category for the project 'Wheeler Pro' in VISAI 2017 held in Chennai
- Won the 3rd prize in SAE WS INDIA intercollegiate project competition for the project 'Terrain Simulator' held in June 2017 at Pune
- A group of students developed 'Design of cricket helmet grill at vulnerable points' and presented in international conference NAFEMS3D 2016 at Bangalore
- A group of students developed 'Stair Climbing Trolley with Innovative Design' and presented in 5th National conference on Advancement in engineering and Science in March 2017

Faculty Achievements

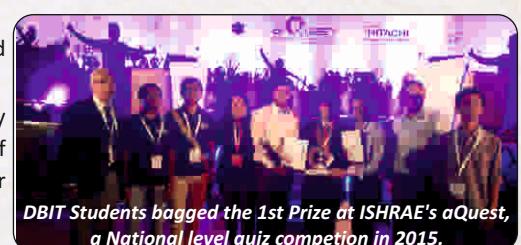
- Project 'High efficient evacuated glass tube solar collector' received a grant from Mumbai University
- Faculty in collaboration with IIT Mumbai is working on a project to develop low cost sensor for detection of fluoride ions in drinking water.
- **Mechanical department faculty in collaboration with EXTC department faculty is contributing to the 'Comprehensive development plan of tribal community of Walwanda' project by coordinating the structural design responsibility with industry experts.**



Quad Torc 2015

Professional Bodies

1. **SAE Collegiate Club (Xanthium Racing)** Under SAE Collegiate club the students have enthusiastically built vehicles and participated at various competitions such as Baja 2015, 2016
Quad Torc - Students participated in national level design competition called QUAD TORC 2015 and bagged the 2nd position
2. **ISHRAE** The ISHRAE chapter organizes industrial visits to companies like Blue Star, Emerson, Dryall, Trinity Capsules and Mangalam Plastics. Also lectures are organised for students by experts from industry in the field of Refrigeration and Air conditioning. Mega job junction was organised at DBIT by ISHRAE Mumbai Chapter for students of all colleges in Mumbai.



DBIT Students bagged the 1st Prize at ISHRAE's aQuest, a National level quiz competition in 2015.

Basic Sciences and Humanities

Basic sciences and humanities lay the foundation for a successful engineering career. At Don Bosco Institute of Technology, the First Year students are initiated into the Don Bosco Way of learning and are groomed to take up their roles in society not only as good engineers but also as good human beings. A team of dedicated staff members not only train and prepare the students for academics, but also organize a slew of extra activities for the overall development of students. Applied Mathematics, Physics, Chemistry and Communication Skills – the four pillars of engineering – are taught, with assignments, notes made available on the MOODLE (and otherwise). We also have a dedicated SCILAB for training the students. Regular sessions for enhancing communication and personal skills, talks by experts from various fields, Head Start activities, counseling, all add value to the quality of teaching/ development. We have active Math Club (DOMAIN), Literary Club and Physics Club (Physics Applied) which help the students to explore, research and innovate. There is also a language lab with a capacity for over 25 students.



Achievements of the Department

- Ms. Jyoti Nimborkar- 2nd position in BEQET-NCQM Awards Competition held on 28 January 2017 held at National Centre for Quality Management, Vikhroli, Mumbai
- Fabrication of working models of sustainable ideas for the DBCL campus based on ecological themes by students
- Awards in various competitions, inter-collegiate debates

Highlights of the department

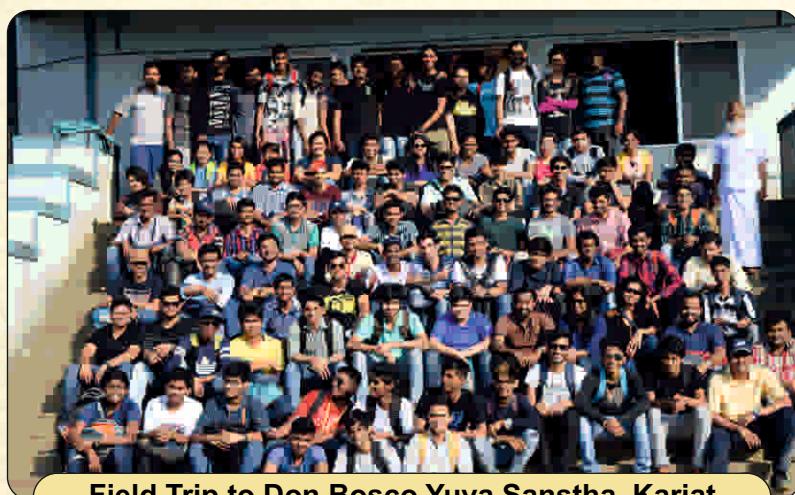
- EDUCATION as Centre of Excellence laying emphasis on academics and attendance
- Provides language training to staff members
- Conducts guest lectures, workshops, seminars, competitions
- Dedicated teachers

Activities- Student chapters/Professional bodies

- Physics Club- Physics Applied- Physics Quiz
- Math Club- DOMAIN- Maths Quiz
- The LitSoc- Samvaad-An inter collegiate parliamentary debate competition
- Sustainability Team- Sustainable living on DBCL campus 2017- EVS project competition
- Field Trip to Don Bosco Yuva Sanstha, Karjat

Laboratories

- Physics
- Chemistry
- BEE
- Mechanics
- Drawing Hall
- AutoCad Lab
- Computer Centre
- Language Lab
- Workshop



Field Trip to Don Bosco Yuva Sanstha, Karjat



First Prize winners - EVS project competition

KEY FEATURES

National Service Scheme - 'BE with Being'

National Service Scheme (NSS) has been a part of DBIT for the last nine years (Since year 2005). More than hundred and fifty NSS volunteers are involved in social activities in areas like Ghatkopar, Kurla and rural parts of Palghar and Raigad District.



The main objectives of National Service Scheme (NSS) are to :

- i. Understand the community in which they work
- ii. Understand themselves in relation to their community
- iii. Identify the needs and problems of the community and involve them in problem-solving
- iv. Develop among themselves a sense of social and civic responsibility
- v. Utilize their knowledge in finding practical solutions to individual and community problems
- vi. Develop competence required for group-living and sharing of responsibilities
- vii. Gain skills in mobilizing community participation
- viii. Acquire leadership qualities and democratic attitudes
- ix. Develop capacity to meet emergencies and natural disasters and
- x. Practise national integration and social harmony



DBIT NSS unit activities

- Project SANKALP- Research based activities
- Project SAHAY-Helping hands
- Project UDAAN- Educational and sports activities for children and women



NSS Unit Events- 2016-17

1. Beach cleaning camp
2. Free the Tree
3. School Teaching Activity
4. Jal Jyoti Project
5. Gandhi Jayanti and International Non-violence day
6. Water management
7. Technology for Social Change
8. Road Safety
9. Red Ribbon Club- Blood Donation Drive
10. Diwali Mela
11. Christmas and New year celebration for special children



Innovex

The annual project exhibition and intra department competition organised by Don Bosco Institute of Technology provides a platform to exhibit and demonstrate the innovative projects of all the young and inquisitive BE students. The exhibition is attended by eminent industrialists and academicians



Innovex 2017

Student discipline

The attendance of every student is closely monitored. Students with less than expected results are offered counseling and encouragement to improve performance. The use of diverse multimedia resources and student-centric teaching processes further enhances their performance.

Counseling Department

The counseling department offers personal counseling services that are designed to address specific needs of the students such as academic and personal relationship related difficulties, making important career related decisions as well as coping with grief and loss. They also facilitate group counseling sessions and workshops for the students on topics such as Orientation to Counseling, Stress and Time Management, Peer Pressure, Goal Setting, Managing Exam Anxiety, Relationship Management and Emotional Connect to name a few.

Mentoring

DBIT places a high value on the academic growth of students and thereby seeks to help students with difficulties in studies through the process of mentoring. Each student is assigned to a teacher(Mentor), who maintains a regular record of the Mentee- Mentor interactions.

Women's Development Cell

The Women's development cell at Don Bosco Institute of Technology (DBIT) ensures a safe studying environment for women on the campus. All female students, faculty and staff of DBIT are members of the Women's cell.

The purpose of the Cell is to:

- Facilitate a gender-sensitive environment enabling women and men to maximize their potential.
- Provide a safe working environment in which women and girls can work and study without threats to their safety.
- Safeguard the issues and concerns of all women and girls working and studying in the institute.
- Deal with the cases of workplace sexual / psychological / emotional harassment in a timely, appropriate and just manner.

DBIT TECH JOURNAL

The aim of the journal is to provide an academic medium for dissemination of research results that support high-level learning, teaching and research in the fields of engineering and technology. Original theoretical work and application-based case studies, which contributes to a better understanding of engineering and technology, are encouraged.

Faculty Development Program

DBIT is renowned for its dedication to continuing professional development for faculty. Investing resources into faculty development and management has been critical in establishing DBIT's reputation as one of the top engineering college in Mumbai. The Faculty Development Program has continuously evolved and expanded. The skills and strategies developed during the programs positively impact the course design and contribute to our mission to deliver high quality education.



Extra Curricular Activities

COLOSSEUM

The annual technical festival of Don Bosco Institute of Technology aims at providing its budding engineers a plethora of opportunities to showcase their technical skills. It is one of the coolest intercollegiate technical festivals in Mumbai, with an amazing lineup of competitions, seminars, events, workshops and a mind-blowing mega-event.



HYSTERIA

Hysteria is a DBCL venture to bring together over 3000 individuals from all the six Institutes on campus. It is designed to build fellowship among the students and faculty through various co-curricular activities including contests and competition in Performing Arts, Literary Arts, Fine Arts, and Sports, both Indoor and outdoor.

INFRASTRUCTURE

Information Communication Technology (ICT)

Our computer infrastructure consists of more than 1000 terminals housed in different laboratories, catering to basic computing and specialized subjects like Data Warehousing, Parallel Computing, Artificial Intelligence and Neural Networks.

The students have access to the best technical knowhow through MOODLE which is housed on a set of high end server. The desktops have high speed processor from i3 to i5 and the students experience the latest generation of high speed computation and analysis.

Each student is allocated adequate computer time and all laboratory assignments are run on the 'One Student One Computer' principle.

Open - Source Tools

Design is an integral part of engineering and nothing can be better than Open - Source tools to understand and strengthen fundamentals. Our software / tools including the operating system cater to the doctrine of Free and Open Source Software (FOSS) philosophy.

Industry Interactions and Professional Associations

DBIT fosters close ties with industry, and industry experts are invited to teach core subjects and mentor members of the faculty in their respective specialization. Industry interaction is available to students through project work, industrial visits, consultancy, guest lectures by experts, campus recruitment and training courses.

Students and staff alike are encouraged to be affiliated to National and International professional organization which boost scholastic growth.

Library

The library is equipped with a Digital section with Internet facility, Journal Section, Newspaper and Magazine Section, and Reprography Section.



It has numerous specialized collections of books, journals like ASME, IEEE, Springer, Elsevier, and ACM. The library is fully computerized and can be accessed using the OPAC (Online Public Access Catalogue) system which enables the students to search the required books by specifying the author, title, subject and keywords.

The library has a wide variety of NPTEL video courses for students. It also has made IIT Bombay-Institution Membership.



Labs and Class Rooms

The focus of Labs and classroom is on students experiencing the environment they will enter as modern day workers and developing their higher order thinking skills, effective communication skills, collaboration skills, making them adept with using technology and all other skills that they will need in the workplace.

Auditorium and Conference Hall

DBIT has a well lit and built "Rev Fr. Santino Mondini Auditorium" having a seating capacity of 800. This air conditioned hall has well balanced acoustic engineered design using good sound equipment.

Sports and recreation

In keeping with the objective of developing all-round personalities, DBIT encourages several sporting activities. Outdoor playground facilities include courts for basketball, volleyball, badminton, football, cricket and tennis. Indoor facilities include chess, carrom, table tennis and a well equipped gym. The Institute has won prizes at many intercollegiate matches. Championship matches are organized regularly in the Campus.



Football Ground

Going to a game at DBIT foot ball ground is an iconic experience that every college football fan should take part in. The ground has been the home to several teams that have won the Championship in many matches. The ground has a classic shape with lush green landscape.

Basket Ball

The basket ball court is where you grow setting your goals and learn chasing your dreams.



Volley Ball

The volley ball court at DBIT is undoubtedly the best sports facility available.

Language Lab

Language learning is not the same as learning any other subject. The four skills of reading, writing, listening and speaking are nurtured. We train students on communication skills involving one's ability to listen carefully so as to grasp the meaning and to respond in turn with apt words and clarity of pronunciation. The language laboratory plays an important role in the language learning process. The Lab is equipped with state-of-art machines and language learning software clarity.

Wi-Fi and Internet

The campus has been interconnected through Wired as well as Wireless (Wi-Fi) Networks. The facilities provide access to internet, intranet, and institution based e-mail. The coverage of Wi-Fi is not restricted to classrooms alone but also extends to common areas like lawns, auditoriums, library, cafeteria. With this infrastructure, the students of DBIT have access to all e-learning materials related to academics. In addition, online access to various reference books, journals, international papers has also been made available for the benefit of students. Teachers make use of various educational Portals and web sites for teaching, research & learning.

Workshop

The well equipped fabrication, machine shop and central workshop is spread over 2500 sq. mts. containing state-of-the-art machines and tools.



Canteen

The college canteen provides hygienic and healthy food at affordable rates.

Biogas Generation

Institute has installed a bio gas plant to process kitchen waste from canteen to generate biogas which can be used for cooking/heating purpose. It is also used by students to carry out projects on biogas related energy options and for training purpose.



Roof Top Solar

DBIT is powered by Solar Panels of 100 KW.



Notice:

Candidate and parents are requested to visit our website and note the following details:

- Anti-Ragging notification (<http://www.dbit.in>)
- Grievances Redressal (<http://www.dbit.in>)
- Women Development Cell (<http://www.dbit.in>)
- Mandatory Disclosures (http://www.dbit.in/docs/mandatory_disclosures.pdf)
- Fees (<http://www.dbit.in/index.php/admissions>)
- Require document for Admission (<http://www.dbit.in/index.php/admissions>)

The Salesians of Don Bosco

St. John Bosco was born in Turin, Italy, in 1815. Two years later his father died, and this future saint was raised by his mother.

He experienced the pains of poverty at a very tender age and his life work was inspired by these early years. John wanted to become a priest, especially to assist youth and in order to pursue his dreams, had to leave home at a very young age to join the city school. Much bigger than his classmates, he was often the object of much ridicule. Earning whatever he could after school by working as a tailor or a cobbler, and studying by candle light, little did they know what his education cost him.

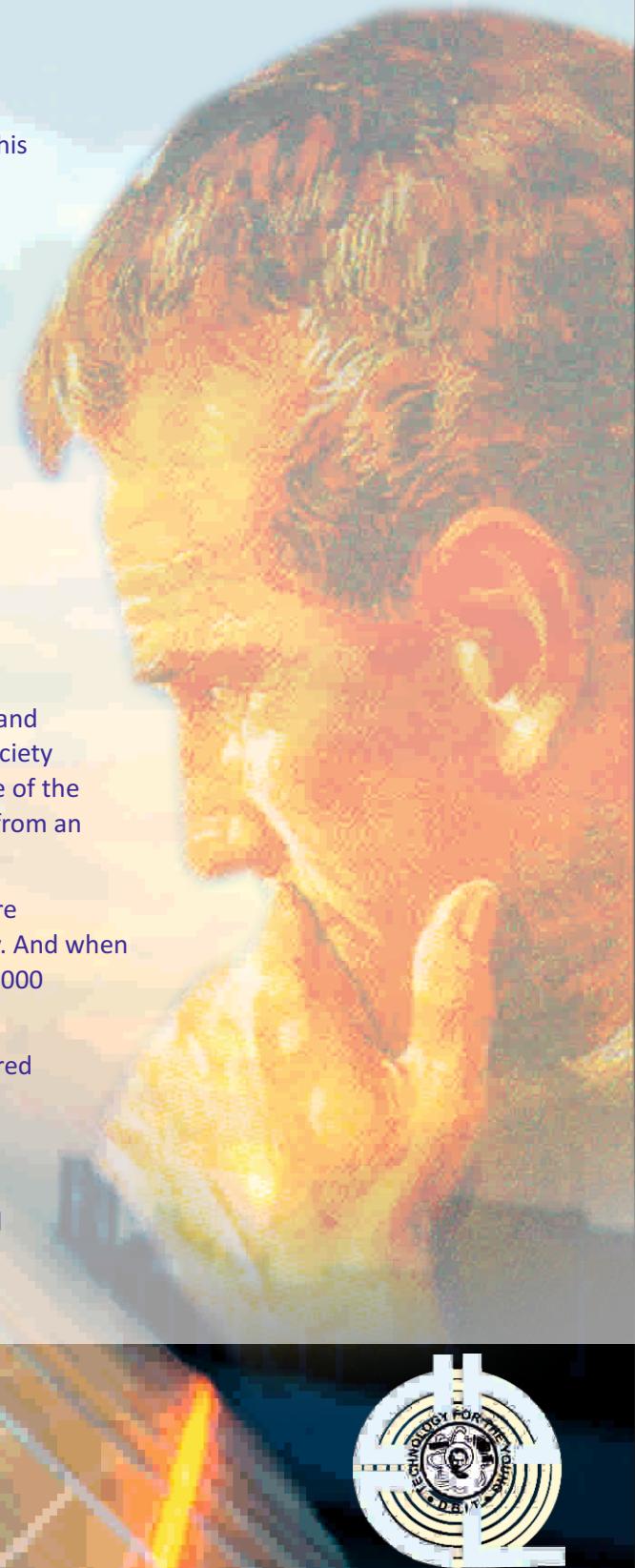
John Bosco, popularly known as Don (Father) Bosco, was ordained a priest at the age of 26. He immediately began his work with orphans, and opened a home for boys where his mother served as housekeeper. Within a short time, 150 homeless boys who were living with him were instructed in religion and given an opportunity to learn trade skills. Workshops for tailoring, shoemaking and printing were set up, and Don Bosco trained his staff to assist him in caring for the boys.

Those associated with Don Bosco and his work began to accept him as their father and guide. Some expressed their desire to become just like him. And so, the Salesian Society comprising priests and lay brothers was born. (The word 'Salesian' is from the name of the patron, St. Francis de Sales, a saint much admired by Don Bosco for his conversion from an angry young man to a kind and gentle bishop).

The Salesians dedicated themselves to the care of orphans and other boys who were homeless and their mission spread rapidly from northern Italy to the entire country. And when Don Bosco died in 1888, the congregation, which was only 20 years old, had over 1,000 members. It had also spread to 7 countries in Europe and South America.

The greatest gift Don Bosco left is his unique way of education, a method was inspired by his magnificent obsession. "It is enough to now that you are young and abandoned, for me to love you very much."

More than a century after the death of Don Bosco, thousands of people have dedicated themselves to the continuation of his apostolic love for young people. All over the world, the Salesians of Don Bosco (sdb), as they are called have a single mission to be signs and bearers of God's love for the young.



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