



2022-23

Annual REPORT

**DON BOSCO INSTITUTE OF
TECHNOLOGY,
MUMBAI**





VISION

DBIT will be known to have an innovative, enjoyable and holistic learning environment that transforms individuals into socially conscious citizens the Don Bosco way, and will lead in research and entrepreneurship in the area of sustainable technologies.

MISSION

- To create future engineers who work with honesty and integrity and excel in the use of technology for the benefit of the underprivileged.
- To train engineers to be innovative problem solvers and entrepreneurs who engages in research and life-long learning.
- To provide a diverse and stimulating environment for staff and students to grow holistically.

From The Director's Desk



When Don Bosco Institute of Technology (DBIT) was established, it was our hope and endeavor that every young person we engage with at DBIT would walk away with dignity, confident that he or she has the requisite competencies to be an innovative contributor to the professional world. But that is not all. Every DBITian would also be that kind of a Human Being that recognizes his or her responsibility to add value and goodness to Life and the world we live in. This would not only make India proud but would also enable our graduates to be on the world stage.

So In keeping with the tradition of Don Bosco, DBIT creates an environment that fosters in depth learning. Striving for excellence is nurtured and supported with mentors and opportunities to charter one's own path to life's ambitions. This is enabled through innovative teaching learning methodologies partnering with industry experts, international agencies and research. All this with the feeling that you are among friends.

DBIT is an institution that works in harmony with all stakeholders. Given the infrastructure, the well-equipped labs, spacious playgrounds, the kind of cultural and technical events ably organized by the different clubs, cells and chapters, each one's expertise and talents are welcomed, enhanced and recognized. This results in higher self-worth, promotes cooperation, fuels aspirations and helps students discover themselves.

We live in a Technology driven world but we cannot forget that the earth sustains us and we have a responsibility to care for it. So while grappling with the challenges of Industry 4.0 and racing to keep abreast of it we remind ourselves that we must contribute to a sustainable world. That is why at DBIT there is a thrust to work with and for the local community as well as the underprivileged and those on the fringes of society. Technology must be at the service of the poorest and the remotest. Only then will our education be inclusive and truly life enriching.

FR. MARIO VAZ

Principal's Message



It gives me immense pleasure to present our Annual Report for the academic year 2022-23. This has been an eventful year in every sense. This year's annual report encapsulates our institution's standout moments across various domains.

Innovex served as a platform for showcasing our students' innovation and creativity, reaffirming our commitment to fostering groundbreaking ideas. We struck a harmonious balance between academics and sports, with our students excelling both in the classroom and on the field. Our cultural and technical fests were vibrant and innovative, celebrating the rich talent within our institution.

Additionally, our outreach activities, spanning community service and environmental initiatives, made a positive and lasting impact on society. These achievements stand as a testament to our collective dedication and hard work.

The Annual Report captures all the information and images of the events that defined 2022-23. I compliment the faculty and student team that has put in several hours in editing and formatting this book.

DR. PRASANNA NAMBIAR

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PREAMBULAR

LIST OF MEMBERS OF THE **GOVERNING COUNCIL-22-23**

Sr.No	Name	Position
1	Fr. Anthony Pinto	Director of DBIT
2	Fr. Mario Vaz	Executive Director, DBIMR
3	Fr. McEnroe Lopes	Administrator, DBIT
4	Fr. Nelson Carvalho	Campus Minister
5	Dr. Prasanna Nambiar	Principal, DBIT
6	Dr. S. Krishnamoorthy	Director R&D
7	Dr. Sudhakar Mande	Dean Administration
8	Mr. Albert D'Souza	Chairman, CMD
9	Dr. M. Sasikumar	Director, CDAC
10	Prof. Vijay Joshi	Managing Director
11	Prof. Richard D'souza	Mahindra Business Solutions

LIST OF DEANS, HEADS OF DEPARTMENTS **AND OTHER OFFICE BEARERS (2022-23).**



Dr. S. S. Mande
Dean of Administration



Dr. Satish Chavan
Dean of Academics



Dr. Pradeepkumar Suryawanshi
Dean of Innovation & Entrepreneurship
HOD MECH



Prof. Shiv Negi
Dean of Research & Development



Dr. Ashwini Kotrashetti
Dean of Student Progress



Prof. Namita Agarwal
HOD EXTC



Dr. Phiroj Shaikh
HOD COMPS



Prof. Prasad Padalkar
HOD IT



Dr. Vinod Gokarna
HOD BSH



Dr. Amiya Tripathy
Mentor of COMPS & IT
Departments



Prof. Imran Mirza
Manager of IT Services



Prof. Sameer Hadkar
Controller of Exams

STUDENT COUNCIL 2022-2023



Rishab Pandey
General Secretary



Nicole Saldanha
Joint General Secretary



Sarah Pradhan
Cultural Secretary



Prasad Anil Alai
Joint Cultural Secretary



Ehtesham Siddiqui
Technical Secretary



Abhiraj Sanjay Mane
Joint Technical Secretary



Noel Jomichan
Sports Secretary



Grace Lewis
Joint Sports Secretary



Raj Chaudhari
Treasurer



Christopher Vaz
Joint Treasurer



Glorian Mariyapnoor
Marketing Secretary



Shriya Thakur
Joint Marketing Secretary

INSTITUTE LEVEL COMMITTEES

Name of Committee	Convenor
Technical	Prof. Sana Shaikh
Website	Prof. Sana Shaikh
Moodle	Dr. Revathy S.
Discipline	Prof. Sejal Chopra
Alumni	Prof. Dipti Jadhav
Cultural	Prof. Poonam Chakraborty
Literary Club	Prof. Sachin Sugave
E- Cell	Dr. Pradeepkumar Suryavanshi
Library	Dr. Amiya T.
Project	Prof. Cleta Pereira
NAAC Coordinators	Prof. Namita Agarwal
R & D	Prof. Shiv Negi
Staff Welfare	Prof. Sandeep Dasgupta
Women Development	Prof. Dipti J.
Canteen	Prof. Vaishali K.
Unfair Means	Principal, HODs, Exam Incharge
Placement Committee	Prof. Bharatkumar Bhandary
Outreach Cell	Prof. Johnson Nellisery V
Housekeeping & Maintenance	Prof. Madhavi P.
Industry-Institute Interaction	Prof. Freda Carvalho
Grievance Redressal Committee	Prof. Sandeep Sabnis
Mentoring	Dr. Revathy S.
Institute Ranking	Dr. Phiroj Shaikh
Exam Committee	Prof. Sameer Hadkar
Time Table	Prof. Swapnil Gujrathi
Internal Complaints	Prof. Kartiki Bhawe
OBC Cell	Prof. Hemant Hogade
SC/ST	Prof. Sudhakar Ambhore
Minority Cell	Prof. Imran Mirza
Admission	Raju

PLACEMENT DATA

DBIT's Training And Placement Cell has a student centric approach and we make certain that we connect with as many companies as possible for the placement of our students. **Over 300 companies** from various sectors come to DBIT to recruit the great talent that our institute has to offer. TPC goes beyond conventional efforts by conducting placement and internship drives, organizing industrial visits, and facilitating workshops, all aimed at enhancing the career prospects of our students.



**YOKOHAMA
INTERNSHIP CUM
PLACEMENT DRIVE**



LINKEDIN SESSION



MASTEK DRIVE



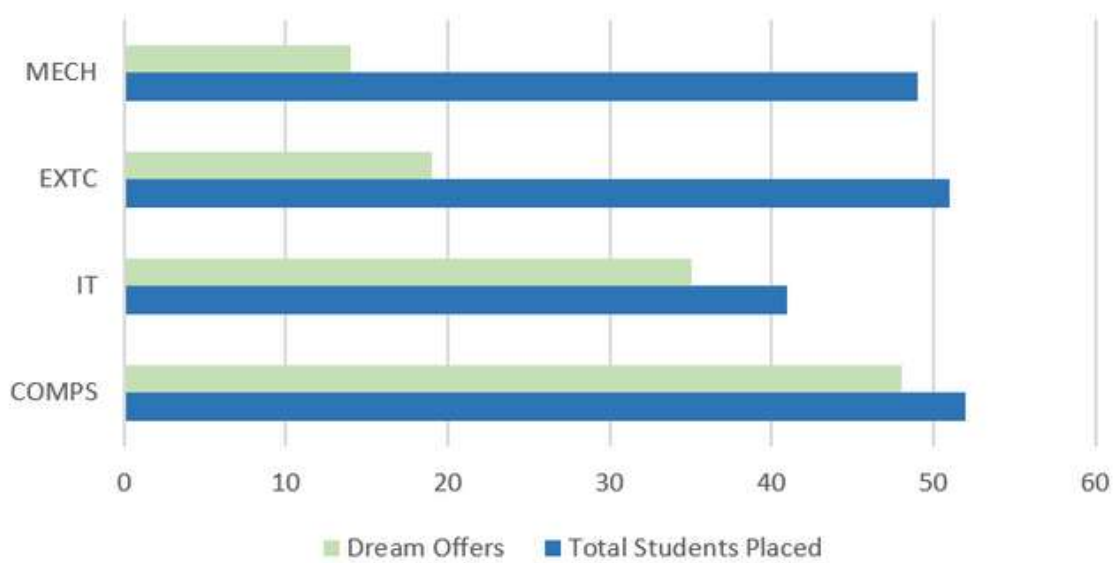
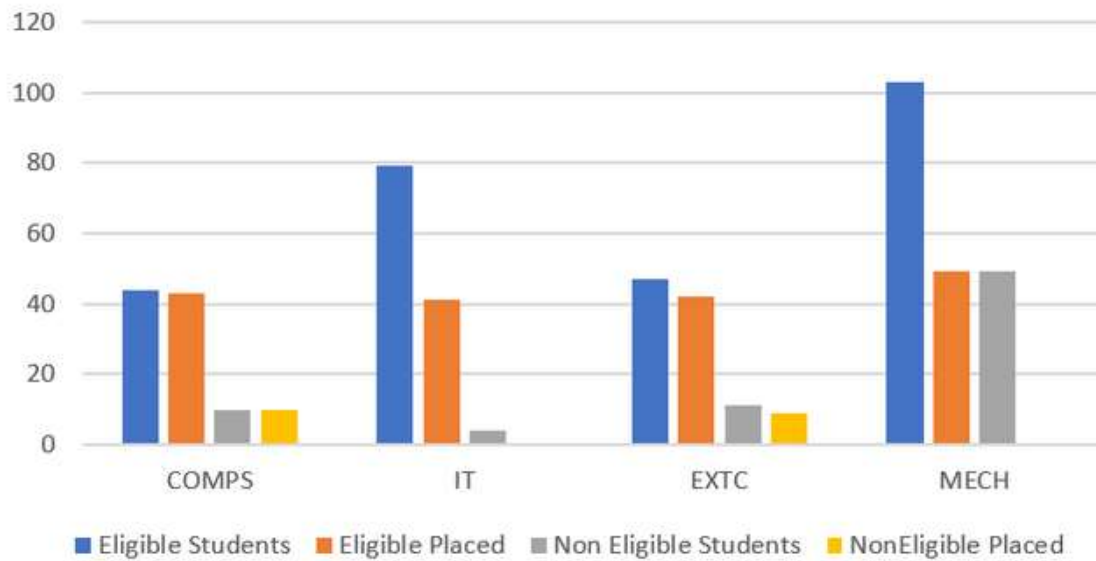
ACCUMEN DRIVE



ARCEX VISIT

PLACEMENT DATA

Placement Data 2022:



HIGHER STUDIES DATA

Students of DBIT have been successful in getting into prestigious universities all over the world. This year too, many students went on to complete their higher studies in different streams.

Dept.	COMPS	IT	MECH
No. of Students	18	1	8

Name of University	Country	Name of University	Country
Mumbai University	India	Arizona State University	USA
National Institute of Design	India	Stevens Institute of Technology	USA
University of Illinois, Urbana - Champaign	USA	Northeastern University, Boston	USA
Clemson University	USA	RWTH Aachen University	Germany
George Mason University	USA	Otto-von-Guericke-Universität	Germany
University of Texas at Arlington	USA	Technical University Berlin	Germany
New Jersey Institute of Technology	USA	Royal Melbourne Institute of Technology (RMIT)	Australia
New York University	USA	Cranfield University	UK
Saint Louis University	USA	Brunel University	UK
Washington University	USA	University of Toronto	Canada
University of California, Riverside	USA	University of Waterloo	Canada

INTERNSHIP DATA

DBIT makes sure that its students get to experience the professional world even before they step into it. Thus, our institute provides a variety of internships to the students for their growth. In the academic year of 2022-2023, DBIT's interned at the following companies/institutes and many more.

1. STEM Programme conducted by DBIT and conducted by IEEE
Bombay Section (Outreach Initiative)
2. Theta Controls Pvt. Ltd., Pune
3. Selec Controls Pvt. Ltd., Navi Mumbai
4. Kenilworth Global Consulting, USA
5. Air India Engineering Services, Ltd.
6. LetsGrowmore
7. Accenture
8. Lommus Data System
9. 1stop.ai
10. Amacle Studios
11. Wellness Forever Medicare Pvt. Ltd.
12. Godrej & Boyce Mfg. Co. Ltd.
13. Tata Motors
14. Maruti Suzuki Arena
15. Royal Enfield
16. Mazgaon Dock Shipbuilders Ltd.
17. Siemens
18. Ram Motor Cycle
19. Pepsi Co.
20. White Hat Jr.
21. Relaince Retail
22. Tata Power Thermal Power Plant
23. Cental Railway Locomotive W/s
24. ARCON
25. Sharp Engineering
26. N.N. Control
27. Arsh Hyundai Service Center
28. oriental Containers Ltd.
29. IOCL Gujrat Refinery
30. Indian Railways, Parel
31. Hindalco
32. JSW Steel Limited
33. Exide Industries Ltd.

ACADEMIC RESULTS

BE Results of DBIT for the AY 2022-23

Dept.	COMPS	IT	EXTC	MECH
No. of Students Appeared	0	1	1	14
No. of Students passed	0	1	0	2
Passing Percentage	-	100%	0%	14.29%

NEWSWORTHY

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ENGINEERING FUTURES – CrEAST PROGRAM

CrEAST which stands for “**Creative Explorations & Advanced Skilling in Technology**” is a program specially designed to motivate underprivileged students and students with learning disabilities (L.D.), especially girls to take up a career in STEM (Science Technology Engineering & Math).

The program aims to prepare impoverished and L.D. students for the future and inspire them to pursue careers in STEM, which will improve their capacity to think creatively and innovate and make them more useful members of society.

At Holy Cross High School in Kurla, Mumbai, on September 09, 2023, Rev. Father Anthony Pinto, Rector-Director of Don Bosco Institute of Technology, Mumbai, officially launched "Engineering Futures - CrEAST," a distinctive training program financed by Larsen & Toubro Ltd. The ceremony was graced by the presence of Rev. Fr. Mario Vaz, Executive Director, DBIT, Ms. Swati Pongurlekar, Assistant General Manager, CSR Department, L&T Ltd, Dr. Prasanna Nambiar, Principal, DBIT, Rev. Fr. Nobert D’Souza, Principal of HCH School, Kurla, Ms. Jeane Gomes, Principal of MH School, Kurla, and Ms. Musarrat Shaikh, Principal of SVM School, Kurla.

The course details are as below:



Soft Skills - Prof. Sachin Sugave



natureSense - Prof. Jithin Issac



meraAPP - Prof. Freda Carvalho



Make3D - Prof. Shreeprasad Manohar, Prof. Swapnil Gujrathi, Prof. Hemant Hogade



webBuildr - Prof. Nilesh Ghavate



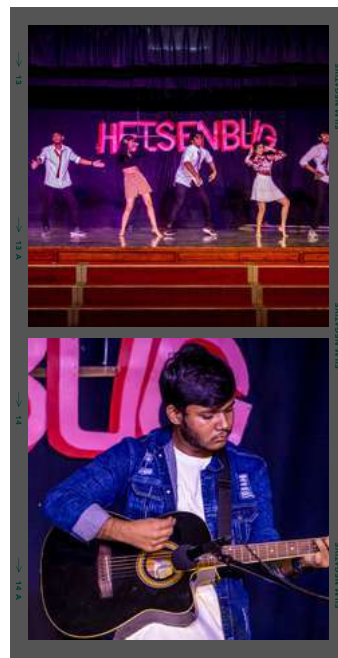
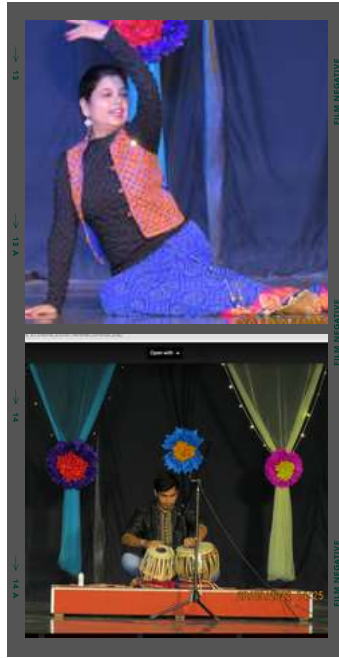
Map Maker - Prof. Tayyabali Sayyad

DEPARTMENTAL DAYS

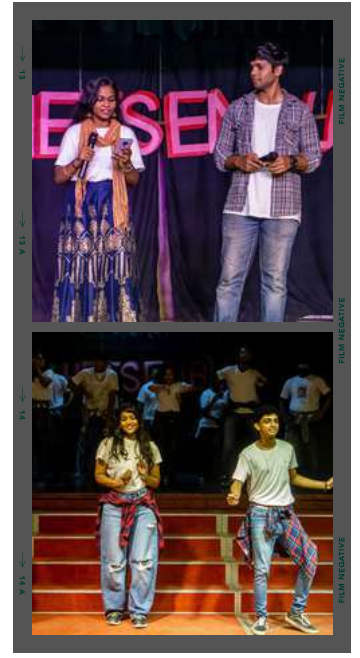
At DBIT, Department Days is an interdepartmental event when each department honors its accomplishments through the organization of various cultural events and felicitation ceremonies. The faculties of the respective department congratulate students for their accomplishments that they have made over the academic year.



ALL-GO-RYTHM (COMPS)



HEISENBUG (IT)



SYNERGY (EXTC)



VORTEX (MECH)



DBCL LEADERSHIP CAMP 2023

The leadership programme held on the days 5th to 7th January, 2023 at Don Bosco Yuva Sanstha, Karjat. The theme was “**Youth for leadership and team work**”. The primary objectives were:

- Personality development
- Leadership quality development
- Team building and quality thinking
- Preparing Annual plan of Activities for the DBCL campus

The Measures for the topics drawn out through discussion were:

- **Mental Health:** On discussion, it was observed that there was a majority of students that are suffering from mental issues or are unable to speak with someone about their problems. Hence it was suggested that the college could provide a 24/7 qualified counselor to help students through their problems.
- **Inter-Departmental Coordination:** It was observed that the various departments in DBCL hardly ever interact with each other and there is a great loss of an opportunity for new relations to be forged. Hence to increase coordination, it was decided that to have more camps or allot a day every month where students could come together and showcase their talents ergo creating bonds and a sense of unity among the students.
- **Sports:** It was observed that whenever the campus is holding a sporting event or choosing a team for a match, students that are good at the sport are always chosen. An opportunity should be given to those students who are interested in the sport but are unable to participate due to a lack of training or no one to guide them.
- **Stress Relief:** It was suggested that once a month the students could have a show held in the basketball court that will showcase the talents of each student and will also give the students an event to look forward to.
- **Participation:** In order to inculcate more participation the students should learn the importance of the event and the responsibility they have to the college that they are a part of.

These measures would not only help to build a better atmosphere for learning but could also help the college reach greater heights.



HYSTERIA - CULTURAL FEST OF DBCL

Hysteria is unmatched as the annual inter-collegiate cultural festival of DBCL because it achieves the goal of including every single category of competitions and rocketing each skill set. Be it the rhythms of music, the elegant moves of dancing, the dedicated love for sports or the verbal impact of literary events to the skies. This year's theme was '**Aamchi Mumbai-The City Of Dreams**'.

This cultural festival offers equally significant venues and chances to newbies, those looking to grow, and those who take part only out of curiosity. The fest is not limited to the students, even the faculty from various departments show up with great enthusiasm. Hysteria surely embraces everything when it comes to the sphere of cultural events and is constantly sought after to attain positive achievement in any student's life!

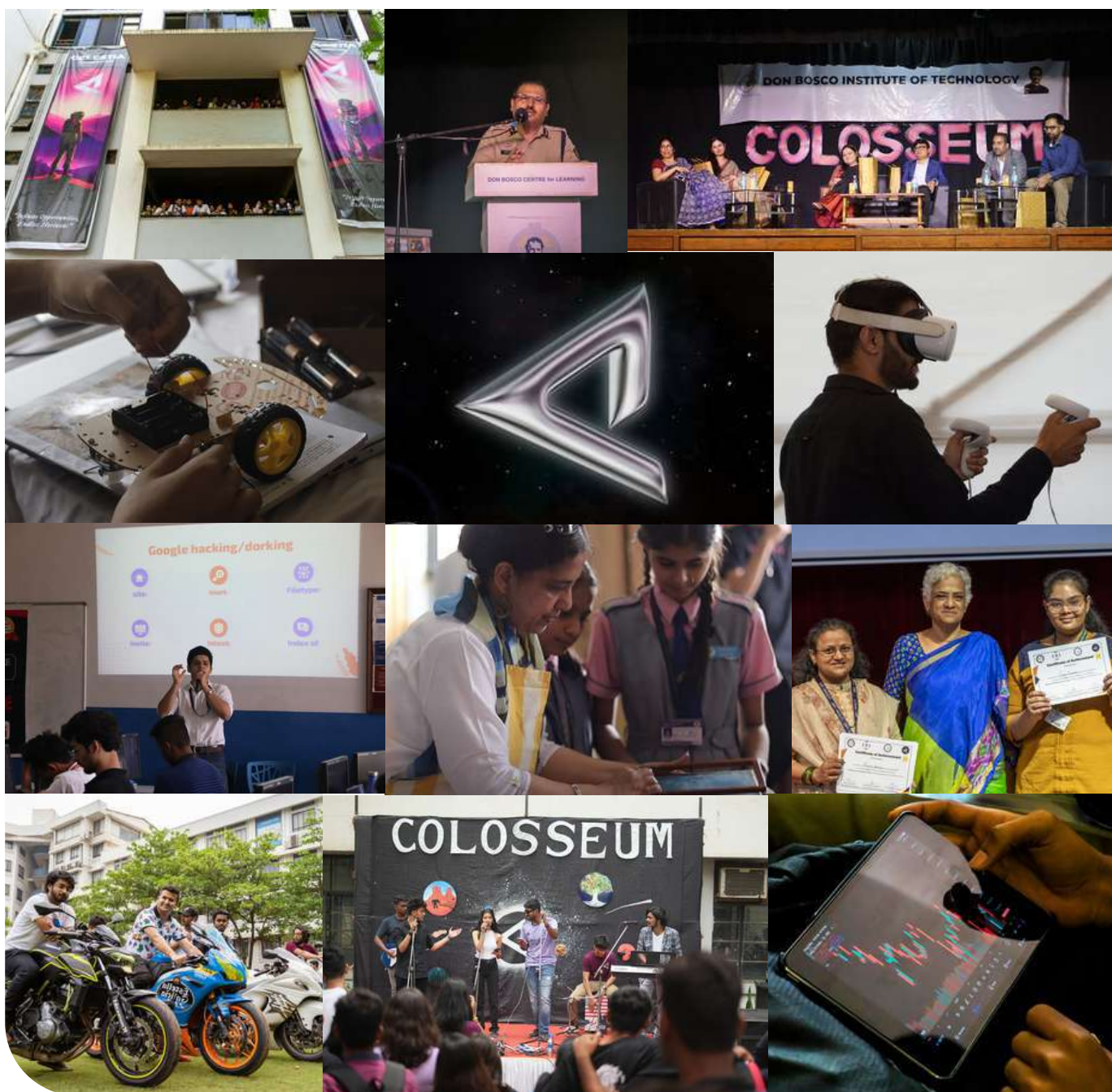






COLOSSEUM

The faculty and the various student committees of DBIT host 'Colosseum', the annual technical festival of the Don Bosco Institute of Technology. Over the course of two days, the committees planned a variety of events in addition to numerous other social projects. Colosseum is renowned for hosting a variety of events like competitions, exhibits, conferences, and seminars along with enjoyable activities for students across the entire campus. This year's colosseum took place on 15th & 16th March, 2023 and theme was '**Celestia**'. Various workshops, competitions, talks, exhibitions and fun & mega events were organized this time with the purpose of exploring new possibilities for the students.



TEKNACK

Teknack is one of the amazing battlefields provided by ACM for the students of not just DBIT but also of other colleges to boost up their creative skills and pump up their technical skills by amalgamating with newer ideas and facts to build up games that give the players an experience that would last with them forever.

Total Registrations : **143**

Total Developers : **48**

Total games: **20**

One of the best ways to carve some good ideas into minds, especially of the young, is through a game and keeping this in mind, Teknack has produced some value enhancing games that give the player a chill down the spine. Moreover, this year to take Teknack to new heights and to encourage participation and engagement from attendees a new initiative in the form of collecting stamps from trying the games out on a specially designed passport to unlock prizes added a whole new dimension to Teknack 2023.



INNOVEX 2022-23

Innovex is a **project exhibition** and interdepartmental competition wherein the students from all four departments exhibit and demonstrate the projects developed by them under the guidance of respective faculty members.

The Major objective of this exhibition is to provide a platform and unleash the potential of the students by showcasing their innovative projects as Industry Defined Problem or User Defined Problem.

The TE students from all departments participated in Innovex 2022-23. The winners in each department are as follows:

Dept.	Position	Project Topic
COMPS	1st	ED-SENSE
	2nd	FEED: Food Enduecation and Donation
	3rd	Doctor Dr
		VSAI (Video Summary Using AI)
IT	1st	Comment Toxicity Detection
	2nd	Automated Short Answer Grading System
	3rd	PicoGPT: A NLP Model for AI Chatbot
EXTC	1st	Design and Implementation of UART using Verilog and FPGA
	2nd	Wi-Fi Enabled Matrix Notice Board Display
	3rd	Industrial based PLC using FPGA Board
MECH	1st	Leg Cast Using Photogrammetry
	2nd	Generation of a 3D Model from MRI/CT Scan Data
	3rd	Experimental Setup on Thermal Conductivity of Composite Wall

DON BOSCO PREMIERE LEAGUE (DBPL)

The Don Bosco Premier League (DBPL) was held on the 1st and 2nd of April 2023, organized by the Student Council of Don Bosco Institute of Technology. The event aimed at providing a platform for students to showcase their football skills and compete in a friendly and competitive environment. The event was structured in the format of an auction-based FIFA career mode, where managers received 30,000 virtual units in credit and engaged in a bidding war for players. Teams were formed with 7 players each, and students from different years and departments were able to interact with each other and strengthen their bonds.

The DBPL event not only provided a platform for students to showcase their football skills but also allowed for the formation of new relationships and stronger bonds between students from different departments and academic years. The event promoted physical activity and healthy habits among students, and provided an opportunity for the student body to come together and support their respective teams. The event was a resounding success, with participants and attendees enjoying the competitive and friendly atmosphere.



WOMEN'S DAY CELEBRATION

On March 8, 2023, the faculty and support staff of Don Bosco Institute of Technology (DBIT) gathered in the new canteen between 1 PM to 2 PM to celebrate International Women's Day. The event was organized to acknowledge and appreciate the hard work and contribution of the female staff members towards the growth and development of the institute.

The Women's Day celebration at DBIT provided an opportunity for the female staff members to be recognized and appreciated for their contributions towards the institute's growth and development. The event also served as a reminder of the need to continue striving towards gender equality and women's empowerment, not just within the institute but also in society at large.



INDEPENDENCE DAY

AZADI KA AMRIT MAHOTSAV

Independence Day celebration was organized by NSS-DBIT in collaboration with LitSoc-DBIT. The celebration aimed to foster the spirit of independence and patriotism among the youth. The event comprised four competitions - Group Singing, Elocution, Poetry Recitation, and Rangoli Making. These competitions allowed students from different departments of the college to showcase their talents and express their love for the country. The winners of each competition were awarded prizes and certificates by the organizers. The event was a grand success and helped promote the spirit of national integration and unity among the youth. It also highlights the significance of such events in nurturing and inculcating the values of patriotism and love for the country among the younger generation.



TEACHER'S DAY

On the 5th of September, 2022 Teachers Day was celebrated at DBIT. The aim of the celebration was to show appreciation and gratitude towards the teachers for their tireless efforts in shaping the future of the students. Each teacher was presented with a rose as a token of appreciation. A cake was cut to mark the occasion, decorated with the words "Happy Teachers Day". Fun games were organized for the teachers to unwind and have some fun. The games were a huge hit, and everyone had a great time laughing and bonding with each other. The celebration was a huge success, and everyone had a great time. The students were able to show their appreciation towards the teachers, and the teachers were able to relax and enjoy themselves.



GARBA EVENT FOR FACULTY MEMBERS

The Staff Welfare Committee had organized a “Garba Event” for all teaching and non-teaching staff on 1st October 2022. The hall had been set up in a grandeur arrangement. The program started by lighting of the lamp by representatives from management, teaching, non-teaching and supporting staff which was followed by a prayer.

The Staff Welfare Committee presented a dance performance based on a traditional Garba song to mark the opening of the event. Thereafter all people enjoyed dancing Garba to various songs thus celebrating the Navratri festival. The function revealed many aspects of our culture before the staff. At the end of the program, there was the prize-giving session. All the staff members experienced a wonderful day.



FRESHER'S CELEBRATION

Don Bosco Institute of Technology (DBIT) organized a Freshers' Welcome ceremony on December 9, 2023, with the theme "Character Euphoria." The event aimed to foster a sense of community among the newly enrolled students. The ceremony started with a motivational speech by the college administrator, followed by dance, singing, and poetry performances by the students. The music club performance was captivating, and an interactive telegames segment entertained the attendees. The event concluded with a prize distribution ceremony and an upbeat jam session, leaving the new students feeling welcomed and belonging to the college community.



ONAM CELEBRATION

Don Bosco Institute of Technology (DBIT) celebrated Onam with great enthusiasm and zeal. The celebration brought together students and faculty members to commemorate the harvest season festival, which holds great significance in the Indian state of Kerala.

The celebration began with the creation of a beautiful flower rangoli. The students, designed and assembled the rangoli using flowers of different colors and sizes. The rangoli was a sight to behold and was appreciated by all who saw it.

To mark the occasion, the students dressed up in traditional clothes. The boys wore the traditional mundu and shirt, while the girls wore sarees. The college campus was filled with students dressed in elegant and beautiful traditional attire, which added to the festive atmosphere of the celebration

In conclusion, the Onam celebration in DBIT was a grand success. The students and faculty members came together to celebrate the festival and to showcase the rich culture and traditions of Kerala. The flower rangoli, traditional attire, Onam feast made the celebration a memorable one. The celebration helped in promoting the cultural diversity of India.



TRADITIONAL DAY

On 20th March, 2023, the Student Council of DBIT successfully organized a “Traditional Day” event for all the staff and students. As the name suggests, the day was a celebration of traditions, customs and diversity. This day also marked the Feast of Saint Joseph which made it even more significant.

The day was designated for everyone to dress up in cultural attire.

The Music Club and Dance Club showed active participation and great enthusiasm in making this event a grand success. Classical and folk dances such as Bharatnatyan and Bhangra left the audience in awe. The musical performances with their perfect rhythm and harmony captivated the audience. The faculty unleashed their inner creativity with their lively ramp walk performance.

All these performances exhibited the essence of India.



LIBRARY EXHIBITION

The Library Exhibition was held on 17th and 18th January, 2022 at the Mondini Hall. The event was inaugurated by Fr. Nelson Carvalho, the campus minister of Don Bosco Centre for Learning. The exhibition was conducted by Nexuskart. DBCL's book collection covers a large spectrum, one can find books from multiple disciplines. It consists of books by renowned publishers and writers, has helped our students throughout their academic courses.

DBCL added about 145 books to the existing collection, bought from Nexuskart. Books from various branches, like Hospitality Studies, Management Studies, Mass Media Communication, Finance, Information Technology, Computer Science, Mechanical, and more. More than 200 students and parents had visited the exhibition and made it a great success.



THREE-TRACK PROGRAM

The BSH (FE) department through its objective had proposed Wellness VAC with the intention of the overall development of the students. Through the recurring lectures, they aimed to compliment the academic syllabus with extremely practical knowledge that can equip students with-skillsets widely sought by the Industry. To enhance the aspirational and wellness quotient of every student through implementation of Institutes' 3 track program where the student will exposed to diversified technical & cultural session, sporting events & human values. The three-track programme has been successfully implemented in the First Year Engineering level since academic year 2020-2021. Under this three track program the following activities were conducted:

EVENT NAME	EVENT DESCRIPTION	DATE
Just A Minute J.A.M	An icebreaker session for FE students in which they'll have to voice their opinions for one minute	12th & 14th December,2022
Effective Speaking	A beginner's session on how to be a good communicator and speak confidently in a crowd	20th January,2023
Calculator Workshop	A workshop to teach how to effectively use calculators for their coursework and future engineering projects.	16th & 17th December 2022
Problem Solving Session - I	Concept discussion, Fun activities & quiz on these topics-Number (Famous Constants), Logic, Aptitude questions	25th November 2022
Problem Solving Session - II	Concept discussion, Fun activities & quiz on these topics- Statistics, Logic and geometry	21st April 2023

THREE-TRACK PROGRAM

EVENT NAME	EVENT DESCRIPTION	DATE
Importance of starting early	Talk on introducing startups for inspiring students to place a strong emphasis on youth entrepreneurship and new employment generating prospects for youths	1st December,2022
Objective Setting	An insightful session on objective setting for our first-year students, guiding them towards setting clear and achievable goals	17th March,2023 for COMPS 23rd March,2023 for IT 31st March,2023 for EXTC 4th April,2023 for MECH
Time Management	Dr. Revathy S. conducted a 2-hour long valuable workshop on time management, empowering FE students with effective strategies to optimize their study schedules and enhance productivity.	27th March,2023 & 10th April,2023
Don Bosco Way	Fr. McEnore Lopes led an engaging session, blending critical thinking and fun games, to illustrate the significance of embracing education the Don Bosco way	12th May 2023
NSS	Mr. Royal D, our NSS Coordinator, addressed students, highlighting the impactful initiatives of NSS and inspiring them to actively participate in these noble endeavors	28th April 2023



FACULTY EXCHANGE PROGRAMME

MARCH 2023

Faculty Exchange Programme between Don Bosco Institute of Technology and Gokhale Education Society's Arts, Commerce, and Science College in Jawhar:

- The two colleges collaborated under an MOU for a Faculty Exchange Programme.
- Dr. Revathy delivered lectures to T.Y. B.Sc. Maths students, benefiting those preparing for university exams.
- Mr. Royal D'Souza conducted sessions on Personality Development and Leadership for S.Y. B.Com students and Entrepreneurship for students.
- Counseling sessions on 3D printing were held to promote skill development and commercial applications.
- Prof. Sachin Sugave and Prof. Deepak conducted sessions on Communication Skills, Grammar, and Interpersonal Skills for FYBA students.
- Dr. Vinod Gokarna led a session on Physics, emphasizing its basics and research opportunities.
- Informal discussions explored the possibility of offering a Nursing course for female Jawhar College students.
- An idea to start a Certificate course in Warali Painting under Mumbai University's affiliation was discussed, with Prof. Shailesh Bagdane tasked with preparing the proposal.
- Mr. Royal D'Souza was scheduled to conduct a Leadership Development session for FYBA students on March 17, 2023.
- The program involved 160 students and four professors from both colleges, with coordination by Mr. Shailesh Bagdane and Mr. Royal D'Souza.





HALL OF ACHIEVEMENTS

MEMORANDUM OF UNDERSTANDING

The institute signed several MoUs to collaborate with renowned institutes and organizations for enhancing faculty and student skills and knowledge. Some of the notable ones signed during 2022-23 are as follows:

Sr No.	Collaborated Agency Name	Date of MOU / Agreement Signed on	Type of Collaboration
1	Gokhale Education Society's- Arts, Commerce and Science College, Jawhar	1st Feb, 2022	Educational Institute
2	Thane Small Scale Industries Association, Thane	21st Feb, 2022	Corporate/Industry Association
3	Chamber of Small Industry Association, Thane	21st Feb, 2022	Corporate/Industry Association
4	Tele Networks Technologies Ltd.	25th Feb, 2022	Corporate/Industry Association
5	National Council for Quality Management	6th Dec, 2022	Corporate/Industry Association
6	TATA Memorial Hospital	6th Feb, 2023	Research & Development Association

FACULTY ACHIEVEMENTS

Appointment as Experts, Panelists and Reviewers	
Name	Achievement Details
Computer Engineering	
Dr. Phiroj S.	Reviewed the manuscripts at ICACTA 2023 organized by SVKM's D. J. Sanghvi College of Engineering, Mumbai from 15th to 29th May 2023.
Dr. Amiya Tripathy	<ul style="list-style-type: none"> Invited Speaker 7th International Conference on Cloud Computing and Internet of Things (CCIOT 2022) in University of Ryukyu, Okinawa, Japan, 23-25, September 2022 DJASCI 2023, Judge for Final Round - State Level Project Competition, on March 22, 2023 Session Chair at 4th International Conference on Communication Systems, Computing and IT Applications CSCITA 2023, April 1, 2023 Session Chair and Plenary speaker at 6th International Multidisciplinary Online Conference on "Innovations in Business, Financial Services and Education using Digital Technology" on 11th February, 2023. A Geo-spatial Model for Assessment of Agricultural Drought Vulnerability in Marathwada Region of Maharashtra, with Dr. Sangita Mishra, Amity University, Mumbai Project Collaboration With Division of Agricultural Statistics, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, India. Modeling Dynamic adaptive behavior of Autonomous agents, with Dr. D. Hiran and J. Rao Pacific University, India Chapter Chair and Program Committee Member at 8th International Conference on Cloud Computing and Internet of Things (CCIOT 2023), University of Ryukyu, Okinawa, Japan, 22-24, September 2023.
Prof. Dipti Jadhav	Delivered a "Design Thinking Workshop" on 6th January 2023 for the IT, CS & BMS students of Pillai College of Arts, Commerce & Science, New Panvel.
Prof. Sejal Chopra	NAAA Criterion -2 Coordinator at Institute level-Collection of data and submitting AQAR.

FACULTY ACHIEVEMENTS

Appointment as Experts, Panelists and Reviewers

Name	Achievement Details
Electronics and Telecommunication	
Dr. Sudhakar Mande	<ul style="list-style-type: none"> • Reviewer for K. Shankar Meritorious Awards 2022 at Somaiya University, Mumbai. • University Representative in the Board of Studies of Electronics & Telecommunications Engg..DJ.Sang hvi College of Engineering, Mumbai. • Reviewer for 2023 IEEE Region 10 Symposium (TENSYP) at UNSW, Canberra, Australia. • Reviewer for the 5th Biennial International Conference on Nascent Technologies in Engineering organised on 20-21 January 2023 by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India. • Delivered a talk on "VLSI for AI & ML and AI & ML for VLSI" at Jeppiaar Institute of Technology, Chennai on 16th February 2023.
Dr. Satishkumar Chavan	<ul style="list-style-type: none"> • Session Expert in the 5th IEEE-International Conference on Advances in Science and Technology held at K. J. Somaiya Institute of Engineering and Information Technology, Mumbai on 02 to 03 December 2022. • Session Chair in the 4th International Conference on Advanced Technologies for Social Application Techno-Societal 2022, organised by Shri Vithal Education & Research Institute (SVERI), Pandharpur, Maharashtra, India on 09-10 December 2022. • Delivered a talk on 'Medical Image Analysis using Deep Learning' in the STIP on 'Signal Processing using Machine Learning Algorithms' at Ramrao Adik Institute of Technology, D.Y.Patil Deemed to be University, Nerul, Navi Mumbai on 5th January 2023. • Delivered a talk on 'Image Analysis using Machine Learning for Biomedical Applications' in ISTE approved Faculty Development Programme" on AI Algorithms and Applications in Healthcare" organised by Finolex Academy of Management and Technology, Ratnagiri, Maharashtra on 22 June 2023.

FACULTY ACHIEVEMENTS

Appointment as Experts, Panelists and Reviewers

Name	Achievement Details
Electronics and Telecommunication	
Prof. Pratibha Dumane	<ul style="list-style-type: none"> Reviewer of upcoming and recent conferences in India, including ICSTSN 2023, IEEE International Conference on Computing in 2022, CISES-2023, and the 5th Biennial International Conference on Nascent Technologies in Engineering. Ms. Pratibha Dumane delivered a talk on "Role of AI in Industrial Automation" in the One-Week Faculty Development Programme on 'Industrial Automation with PLC and Embedded System from 6-10 February 2023 organised by Government Polytechnic, Pen, District Raigad.
Prof. Poonam C.	Delivered a talk on “Passive Optical Networks” on 02 September 2021 for the final year EXTC students of Xavier Institute of Engineering, Mumbai.
Dr. Ashwini K.	<ul style="list-style-type: none"> Expert panellist for interviews conducted for the post of Junior & Senior Research Scientist at Society for Applied Microwave Electronics Engineering and Research (SAMEER), Mumbai. Reviewer of IEEE Transactions on MTT in July 2022. Reviewer for the 2023 IEEE International Symposium on Antennas and Propagation (ISAP 2023) to be held from 30/10/23 to 02/11/23 at Kuala Lumpur, Malaysia. Delivered a talk on 'Metastructure Based Antenna Design' at Thakur College of Engineering, Mumbai on 24 March 2022.
Mechanical Engineering	
Mr. Pramod D.	An Expert talk on "Energy conservation in HVAC" with PCRA on 6th Feb'23.
Prof. Chavan B & Mr. Binoj	Conducteed Workshops on “Threading operation with Spiral & Helix command in 3D modeling” & “Pipe joints with Fillet command in 3D modeling” on 7th Sep'22 .

FACULTY ACHIEVEMENTS

Appointment as Experts, Panelists and Reviewers

Name	Achievement Details
Mechanical Engineering	
Dr. Pradeepkumar S.	<ul style="list-style-type: none"> Invited as Jury for “Maharashtra Startup Yatra-2022” organized by MSInS, Government of Maharashtra at MU incubation Center on 13th October 2023 Received “MSMEToday Diwali 2022 issue” from Hon Secretary TSSIA & COSIA, on 29 Nov 2022.
Basic Sciences and Humanitites Department	
Dr. Vinod Gokarna	<ul style="list-style-type: none"> Conducted session for Physics, Basics of Physics, research opportunities in Physics, need of basic Physics at Gokhale Education Society’s Arts Commerce and Science College, Jawhar Speaker for hands on training program on Multi-disciplinary Sophisticated Instruments held under the scheme of synergistic training program utilizing the scientific and technological infrastructure (STUTI) a Department of Science & technology, India, held on 27th March to 2nd April 2023, at Institute of Chemical Technology, Mumbai.
Dr. Revathy S.	Delivered guest lectures on the topic- "Integral transforms" for TYBSc Maths students in two sessions on 2nd March & 3rd March, 2023.
Prof. Sachin Sugave	Delivered a guest lecture on key concepts of communication skills, grammar and interpersonal skills from for FYBA students on 3rd March 2023 at Ghokle Education Society's Jawahar college of Arts , commerce and science.
Prof. Dipak Jadhav	Delivered a guest lecture on key concepts of communication for FYBA students on 3rd March 2023 at Ghokle Education Society's Jawahar college of Arts, commerce and science.

FACULTY ACHIEVEMENTS

Paper Publication and Presentation

Name	Achievement Details
Computer Engineering	
Dr. Amiya Tripathy	<ul style="list-style-type: none"> Jointly published “A new agricultural drought Index to detect and monitor agricultural drought using Data Mining Techniques” 2023 Springer Journal of Environmental Science and Technology, JEST-D-23-01069, EMID:b6c1ef810c4267a9 (in press) Jointly published “Student Attention Evaluation System Using Autoregressive Focus Metric”, (2022) IEEE Transactions on Neural Networks and Learning Systems, TNNLS-2022-P-23766
Information Technology	
Prof. Shivsevak Negi	<ul style="list-style-type: none"> Jointly published “Native language subtitling of educational videos: A multimodal analysis with eye tracking, EEG and self-reports”, British Journal of Education Technology, Volume 53, Issue 6, November 2022 Pages 1793-1816 Jointly published “Mitra, Fixation duration and the learning process: an eye tracking study with subtitled videos”, Journal of Eye Movement Research. Volume 13 (6):I https://doi.org/10.16910/jemr.13.6.1
Prof. Janhavi B.	Jointly published "Drowsiness Detection for Drivers," 2021 International Conference on Advances in Computing, Communication, and Control (ICAC3), Mumbai, India, 2021, pp. 1-5, doi: 10.1109/ICAC353642.2021.9697257.
Prof. Vaishali K.	
Prof. Nilesh G.	
Prof. Aruna K.	Jointly published "TSRSY - Traffic Sign Recognition System using Deep Learning," 2022 2nd International Conference on Intelligent Technologies (CONIT), Hubli, India, 2022, pp. 1-6, doi: 10.1109/CONIT55038.2022.9847967.
Prof. Sunanta K.	Published “Job Internship and Course Recommendation System”, The Dickensian, https://portal.issn.org/resource/ISSN/00122440

FACULTY ACHIEVEMENTS

Paper Publication and Presentation

Name

Achievement Details

Electronics and Telecommunication

Dr. Sudhakar
Mande

Presented a paper on “Effect of IEEE 802.15.4 MAC Layer on Energy Consumption for Routing Protocol for Low Power Lossy Networks (RPL):” In: Bhattacharyya, S., Koeppen, M., De, D., Puri, V. (eds) Intelligent Systems and Human Machine Collaboration. Lecture Notes in Electrical Engineering, Vol 985. Springer, Singapore. https://doi.org/10.1007/978-981-19-8477-8_16

Prof. Aparna
T.

Mechanical Engineering

Dr.
Pradeepkumar
S.

Published papers on “A Novel Mass Spring Model for Simulating Deformable Objects” at Journal of Mechanics of Materials and Structures, 2023.

Prof.
Shreeprasad
M.

Published papers on “Bone Tissue Engineering Scaffolds: Materials and Methods” at 3D Printing and Additive Manufacturing journal, Nov’22.

Prof. Pavan K.

Publish Journal Paper on “Cryogenic aspects of MRI scanner” at DBIT Journal of Science and Engineering, Vol 7, 2022.

Basic Sciences and Humanities

Prof. Sachin S.

Published a research paper "Understanding the predicaments of women with disabilities: A Study of Preeti Monga's the Other Senses and Naseema Hurzruk's the Incredible Story".

Prof. Sameer
H.

Presented research paper in the '*Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2022)*' organized by A. J. Institute of Engineering and Technology, Karnataka, jointly organized by Civil and Mechanical departments of Engineering dated 28.07.2022

Prof. Dipak J.

Published a research paper "*Portrayal of Women in the Brides Are Not for Burning*" in Aayushi International Interdisciplinary Research Journal (AIIRJ) VOL- IX ISSUE-V May 2022 ISSN 2349-638x

FACULTY ACHIEVEMENTS

Research / Ph.D., Patent and Consultancy	
Name	Achievement Details
Mechanical Engineering	
Prof. Shreeprasad M.	Offered consultancy for "Manufacturing Mayfield clamp" for Mangeshkar Hospital Pune.
Dr.Yogesh S Padiya	Offered Consultancy for "Energy Audit" to “Datta Meghe College of Engineering”, Navi Mumbai.
Computer Engineering	
Dr. Amiya Tripathy	Collaborative Research Project (under ProjNet Scheme from IEEE-GRSS) Funding: 10000 USD (for two years 5000 USD each year) with Dr. S. S. Mishra, Amity University, Dr. Y. A. Al-Mulla, Oman Chapter. (A Geo-spatial Model for Assessment of Agricultural Drought Vulnerability in Marathwada Region of Maharashtra, India).
Basic Sciences and Humanities	
Prof. Sameer H.	Filed an Indian Patent in the Patent Office Official Journal, Issue number 18/2023 - Entry No 19 on the 4th page - pdf 1 - Page 34098 dated 05.05.2023

STUDENT ACHIEVEMENTS

Student Name	Event/Project/Sports	Achievement
Technical Achievements		
ACM Student Chapter	ACM Student Chapter Excellence Awards	Outstanding Chapter Website
Manish Shingre	Hackover 3.0	2nd Place in Hackover 3.0 (Game Development Domain)
Sahil Shelke		
Umera Sheikh, Atharva Patel	Teknack 2023	Best Game UI
Nashrah Ansari, Andrea Fernandes		Best Gameplay
Gaurav Samanta		Best Game Concept
Madhavi Purohit, Sanika Chaudhari, Crezel Mendonca		People's Choice
Shivam Sharma, Pooja Verma	HAM Radio and FoxHunt	First Place
Satyam Shukla, Gouresh Sankhe, Shivraj Shetty		Second Place
Nitish Chavan, Jignesh Bhandi, Kshitij Bare		Third Place

Student Name	Event/Project/Sports	Achievement
Technical Achievements		
Team Name: Puzzles.exe Team Members: Kshitij Rao, Abhijeet Ringe, Amish Thekke Parambil, Tanmay Salunkhe, Rutvij Patil, Saloni Dhotre	Smart India Hackathon (September 2022)	First Place In The Problem statement 'Software for system hardware inventory' (GR918)
Team Name: Node Controllers Team Members: Alston Fernandes, Shubham Talawadekar, Aniket Parate, Likla Sinha, Manish Shingre, Rhea Dsouza		Participated in the grand finale
Shreyas Nanaware, Russel D'mello, Sanskar Kumar, Sakshi Kaveri	17th Avishkar Intercollegiate Research Convention (Zonal Round) Engineering & Technology Category (UG Level) organized by Mumbai University at Shah and Anchor Kutchhi Engineering College, Mumbai on 23rd Dec'23	Presented a research project titled "Automatic PCB Driller"
Abhishek Waghmare, Lovely Varshney, Divya Sharma, Dhanshree Pansare		Presented a research project titled "Score Control Watch"
Umer Shaikh, Rakshita Khantwal, Adarsh Rao, Gouresh Sankhe		Presented a research project titled "Bosco Grip Kart"
ISHRAE Student Chapter	Aquest State Level Competition	First Runner Up

Student Name	Event/Project/Sports	Achievement
Cultural Achievements		
Shruti Shelar	Poetry Recitation in the Independence Day Celebratory Event by DBIT	First Place
Sports Achievements		
Umer Shaikh	Zonal Basketball Tournament organized by University of Mumbai on 9th Oct'22	Represented DBIT
Umer Shaikh	Conquer 2023- Basketball Tournament organized by NMIMS on 17 to 19 March'23	Represented DBIT
Anuj Dhumal	Hysteria - Carrom Singles	First Place
	Hysteria - Carrom Doubles	Third Place
Kajal Sathe	Hysteria - Javelin Throw	Second Place
Needhi kamble	Hysteria - Discus Throw (Girls)	Third Place



DBIT AFFAIRS

ACADEMIC ADVISORY COUNCIL

Sr. No.	Department	Name Of AAC Members / Faculty Members	Name Of Organisation with Designation
1	Mechanical Engineering	Dr. S. Krishnamoorthy	Mentor (Mechanical Engineering Dept) Advisor, DBIT
2		Mr Prashant Chouthkanthiwar	Associate Vice President at Godrej & Boyce
3		Prof. Bhalchandra Puranik	Professor, IIT Bombay
4		Mr. Shreyas Bakshi	Innovation Wor(k)shipper, Leader, Strategist, Coach, Advisor, Architect, Facilitator
5	Computer Engineering	Mr. Atul Gandre,	Global Technology Head IBM
6		Mr. Thomas Lobo, Founder	CEO at Roots2Wings Training Solutions
7		Prof. Surya S. Durbha	Professor at CSRE, Indian Institute of Technology Bombay (IITB)
8		Ms. Madhumita Chatterjee	Senior Cyber Security Specialist at Ernst & Young LLP
9	Information Technology	Mr. Sobin George	Lead Software Developer at Morgan Stanley, Bengaluru
10		Mr. George Joseph	Associate Manager, Accenture, Bangalore
11		Ms. Reshma Xavier	Consultant, Deloitte

FACULTY DEVELOPMENT PROGRAMME

Sr No	Topic	Date
1	Gap Identification at Course and Program level	05-07-2022
2	Yoga Session, NBA Presentations	06-07-2022
3	Address by Fr.Anthony, Rector DBCL	07-07-2022
4	Presentations by IT & EXTC Dept. on CO-PO-PSO Mapping	
5	By Fr. Nelson on Don Bosco Way, Session on Moodle	08-07-2022
6	An IQAC Quality Initiative Professional Ethics	17-09-2022
7	Session 1- Ecology & Conservation	01-10-2022
8	Session 2- Sustainable Technology	
9	7 tools of Quality by Mr.Santosh B of NCQM	15-10-2022
10	6 Sigma Practices in Education	11-02-2023



ALUMNI ENGAGEMENT

An alumni meet was officially conducted in our college on January 07, 2023 by the Alumni association. The purpose of the event was to bring together former students of the college and provide a platform for them to reconnect with each other and with their alma mater. The event comprised of a concise presentation of departmental achievements, a very fruitful brainstorming session with the alumni in regard with the problems students face and their possible solutions. Few of the alumni delivered a brief talk on their career journeys so far and also responded to different areas they are willing to contribute for the development of students on campus. Overall, the alumni meet was a great success and provided an excellent opportunity for former students to reconnect and to showcase the college's continued commitment to providing quality education and fostering a strong sense of community among its students and alumni.



PARENTS TEACHER MEET

FIRST YEAR	
Class	Points of discussion
Computer Engineering	<ul style="list-style-type: none"> • Notify parents about their ward regarding the IA result and attendance. • Parents requested regular feedbacks of the ward.
Information Technology	<ul style="list-style-type: none"> • Notify parents about their ward regarding the IA result and attendance. • Parents inquired about practicals and viva.
Electronics & Telecommunication	<ul style="list-style-type: none"> • Notify parents about their ward regarding the IA result and attendance. • Discussion on exam formats.
Mechanical Engineering	<ul style="list-style-type: none"> • Notify parents about their ward regarding the IA result and attendance. • Discussed about term work.
Department	Points of discussion
Computer Engineering	<ul style="list-style-type: none"> • IA-1 results & academic progress • Highlight progress, strengths and areas of improvement • Attendance status.
Information Technology	<ul style="list-style-type: none"> • Students' academic progress • Department plans • Departmental activities • Take inputs from parents for improvements
Electronics & Telecommunication	<ul style="list-style-type: none"> • Students' academic progress • Highlight progress, strengths and areas of improvement • Co-curricular activities available
Mechanical Engineering	<ul style="list-style-type: none"> • IA-1 marks • Class attendance • Any financial difficulties of the students • Q&A session with parents .

N.S.S. & OUTREACH ACTIVITY

The National Service Scheme (NSS) unit started in DBIT in the year 2005. Every year 150 students from DBIT are actively involved in NSS activities like health, education, social engineering projects and environment projects. The volunteers of NSS always have an approach towards holistic community development through various levels of direct and indirect interventions in urban and rural areas from Maharashtra. Implementable, Majorable and Sustainable are key indicators for the NSS units to conduct their activities. DBIT NSS unit received an award from NSS cell of Mumbai University as best district level college and program officer in the year 2015-16. The NSS website of Mumbai University and NSS E-Diary application is designed by the NSS volunteers from DBIT. Through NSS activities students are getting experiences of working with the community to solve their problems by giving them technological solutions. The following activities were conducted in the academic year 2022-23:



N.S.S. & OUTREACH ACTIVITY

Sr No.	Name of the activity-particular	Duration	No. of hours
1	Computer Literacy Program (Three Batches)	May - September	40
2	Celebration of Azadi ka Amrit moothsav	10th Aug - 12th Aug	20
3	CPR session & Godrej visit	8th August	10
4	Rakhi project	15th July - 10th Aug	20
5	ITI Bridge course	26th Sept - 17th Oct	30
6	Study classes- Evening	19th Sept - 21st Oct	40
7	3D Printing workshop	1st August - 2nd Oct	40
8	Mumbai Utkal school teaching.	12 Sept - 21 Oct	20
9	Traffic guide	1st Sept to 9th Sept	40
10	GIS mapping of tree in district level	24th September	5
11	Beach clean-up.	5th June, 10th & 17th September	30
12	Blood Donation camp	30th September	20
13	Health checkup camp for staff and students	21st September	60
14	Ecogarden	May- June	40
15	Diwali Mela program	22nd October	40
16	Christmas Mela	15th Sept - 20th Oct	40
17	Utkal School Teaching Morning Classes	23rd Jan-20th March	40
18	Utkal School Sports Teaching	17th Jan-25th March	40
19	Govandi School Sports and English Classes	Jan-March	40
20	Utkal School Evening Classes	19th Jan-27th March	40
21	GIS Mapping	26th Jan	40
22	ITI Teaching	Jan - March	40
23	Solar Jal Jyoti Project Activity	Jan-March	40
24	Technical Project	Jan-March	40
25	Road Safety Session	8th Feb	40

NSS RURAL CAMP 2022-2023

Dates: 4th to 10th December 2022

Duration: 06 days

Venue: Walvanda village, Jawhar, Palghar District

Number of students: 51 NSS volunteers.

Everyday started with Yoga sessions followed by daily *shramdan* activity.

Sessions on financial literacy, health, education and hygiene were conducted for the NSS volunteers. It also included programs on topics: Warli painting, Climate change and Biodiversity.

Volunteers taught in local schools and built *Solar Jal Joyti* (bottles lighting project) for 10 houses. They visited local Gram Panchayat and Primary Health Center to get to know about the various schemes and policies for the people. Cultural performances were carried out as a medium to spread awareness among the locals about social issues. Volunteers also got the opportunity to visit the homes of local families and have meals with them.

The aim of the camp was to demonstrate how to approach engineering and problem solving in rural areas by studying rural life.



COUNSELLING & MENTORING

For the academic year 2022-23, the semester began for the FE students (I semester) on Monday, November 7, 2022 and the final list of students was available on Monday, November 21, 2022.

- The mentoring incharge of the department (Dr. Revathy S) addressed all the FE students (division wise) on Tuesday, November 22, 2022 for about 15 minutes each. The students were briefed about the mentoring sessions that will happen from the coming week.
- The faculty mentors were allotted by Dr. Revathy S. in consultation with the HOD, Dr. Vinod G.

The allotment was as follows:

Branch	Faculty Mentors
COMP	Anice M., Sameer H. and Revathy S.
EXTC	Sachin Sugave, Satyanarayana N. and Pallavi M./ Kartiki B.
IT	Dipak J., Manisha S. and Sonali J.
MECH	Hemant H., Sachin Sheravi and Vinod G.

- A common time slot (4 pm Tuesday, November 29, 2022) was fixed for the first meeting with the 12 venues (for the 12 different mentee groups with the 12 faculty mentors) specified.
- It was advised to have the first meeting as a group meeting, when the mentees will get to know their mentor and also get introduced to the fellow mentees. Mentors were asked to think of some ice-breaking activities.
- From the following week, the faculty mentors were able to meet with the mentees individually - at the allotted 4 pm to 5 pm slot on Tuesdays.
- Peer mentoring is expected to begin from this (II) semester as the SE and TE students were having their exams when the FE students joined the institute.



STUDENT CHAPTER & CLUB

ACTIVITIES

ACM DBIT



Chairperson: Leona Varghese

Vice-Chairperson: Siddharth Dhaigude

Convener: Prof. Imran Ali Mirza

Organized: Workshops on Adobe Illustrator, Git & Github, Arduino, Unity Engine, React JS, Database Linking to Flask, C-Programming Course, Cybersecurity Seminar. Competitions like Valorant Gaming Tournament, Design Competition, Battle Code and Teknack

CSI DBIT



Chairperson: Vendra Sekar

Vice-Chairperson: Suhani Desale

Convener: Prof. Nilesh Ghavate

Organized: Film screening session, CSI Senior Core Team 20222023 Anniversary, Introductory orientation session "Mic Check 12 This is CSI", workshops on Git & Github, Node up your creativity with OpenAI, Spark AR & Goal Setting

IEEE DBIT



Chairperson: Shruti Gokhale

Vice-Chairperson: Umer Shaikh

Convener: Prof. Freda Carvalho

Organized: Workshops on PCB Layout using KiCad, CanSat Designing and Launching, "Why Women Deserve Better Designs?", HAM Radio, STEM Programme. Talks on Final Year Project Selection, Engineer's Day and Benefits of IEEE Membership.

IETE-DBIT-ISF



Chairperson: Benish Christo

Vice-Chairperson: Disha Maggu

Convener: Prof. Poonam Chakraborty

Organized: Workshops on Drone Making, Embedded C, Ki-Cad, Robot Making, HAM Radio. Competitions of Poster Making and RoboWars. Talks on "Industry Insights: Projects to Products" and "Industry Insights: IP Network Performance and Testing"

ISHRAE-DBIT



President: Simran Ahiwale

President Elect: Saurabh Mishra

Convener: Prof. Cleta Pereira

Organized: Technical Talk on "BMS-Building Management System", 4 activities for 12th std science, IV to Satish Ice Factory, DryAll & Belimo Automation India Pvt. Ltd., Tree Plantation, Aquest competition.



MADGEARS MOTORSPORTS CLUB

Chairperson: Shaun Pinto

Vice-Chairperson: Varad Kadam

Convener: Prof. Nilesh Gaware



DOMAIN (MATHS CLUB)

Chairperson: Riean Esteves

Vice-Chairperson: Manish Patil

Convener: Dr. Revathy Sundararajan

Organized: Calculator workshop for FE & DSE students, Mathematical skit: Zeno of the Domain, Meme with maths, Women in Mathematics: Video making competition, Mathematical Quiz, Giant Snakes and ladder game including Mathematical questions, Buzzer game, Mathematical fun game stall in colosseum, Peer mentoring session



PHYSICS CLUB

Chairperson: Erica D'souza

Vice-Chairperson: Ashish Jha

Conveners: Dr. Vinod Gokarna and Prof. Sameer Hadkar

Organized: Physics Quiz Competition and Translation of English physics terminologies to Marathi and vice-versa social experiment.



E-CELL (ENTREPRENEURSHIP CELL)

Chairperson: Aryaman Gavali

Vice-Chairperson: Mitali Rananavare

Convener: Prof. Kalpita Wagaskar

Organized: Networking Event of Entrepreneurship Cell, Startup Connect



LITERARY SOCIETY

Chairperson: Vidhu Gupta

Vice-Chairperson: Vendra Sekar

Convener: Prof. Sachin Sugave

Organized: J.A.M. Session for FE students, Effective Speaking session, Peer Learning Course



SOCIAL INNOVATION FOR ENVIRONMENT

Chairperson: Ravi Pandey

Vice-Chairperson: Rhea D'souza

Convener: Dr. Ashwini Kotrashetti

Organized: Qgis tree mapping, SIE Podcasts, Godrej nature's walk, Paper making workshop

FROM THE EDITORIAL TEAM

I am delighted to present 2022-2023 annual report for Don Bosco Institute of Technology. This report encapsulates our collective achievements and commitment to academic excellence, innovation, and diversity. Despite the challenges we faced, our community displayed remarkable resilience and adaptability, finding opportunities for growth and innovation. As we look ahead, we remain dedicated to our core values and principles, eager to continue shaping the future of education.

I extend my heartfelt gratitude to our dedicated faculty, staff, and students for their unwavering support. Together, we are poised to make an even greater impact on the lives of our students and communities we serve.

Sincerely,
Editorial Team



Prof. Sachin Sugave
Chief Editor



Aveesah Siddiqui
Data Compiler



Neha Nair
Designer



Aditya Samant
Editor



Nisha Singh
Asst. Editor

THE DON BOSCO ETHOS

Truth : Via words and deeds
Teamwork : One for the Other
Participation : Explore & Learn
Belief : Everyone Can

The Don Bosco Education believes in the Spirit of Joy, Celebration, Confidence, Familiarity, Friendliness and Freedom. The focal point of the Don Bosco Education is to pervade and integrate the presence of Home, Playground and Classroom. It intends in building Education for a Happy life.

The Don Bosco presence is Welcoming, Loving, Motivating and Incarnational. It Teaches Moral Values and Molds Creativity along with being Open to Discovery and Connecting with others.