DON BOSCO INSTITUTE OF TECHNOLOGY

ANNUAL REPORT 2020-21

From The Director's Desk

When Don Bosco Institute of Technology (DBIT) was established,it was our hope and endeavour that every young person we engage with at DBIT would walk away with dignity, confident that he or she has the requisite competencies tobe 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 graduate 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 institutionthat 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 2020-21.

This has been an eventful year in every sense and has challenged us as never before.

The lockdown pushed us into a phase of surprise, confusion, chaos amongst other things. Important activities that were lined up for the academic term like the alumni SYNCHRONY MEET, the much anticipated project exhibition cum competition, INNOVEX-20 and INNOVEX- 21, the eagerly awaited FAREWELL, all seemed impossible to conduct. But the ' never say die ' spirit of the faculty and their innovativeness, coupled with the enthusiasm of the students ensured that most events were held in the online mode with as much pomp and 3ervor as possible.

Then came the challenge of online conduct of lectures and practicals. Here again the faculty rose to the I and displayed their creative and innovative side to try various platforms and tools to engage the students as deeply as possible, in the process setting up some good practices to be emulated by others

Be it mentoring, placement drives, social engagement of students, conduct of technical and cultural festivals, we did it all.However actual engagement in the class physical participation in events and activities was sorely missed.The Annual Report captures all the information and images of the events that defined 2020-21.

I compliment the faculty and student team that has put in several hours in editing and formatting this book.

Let's hope that in 2021-22 we are able to bring back the personal touch in our professional life.

DR. PRASANNA NAMBIAR

Content

.

PREAMBULAR

PREAMBULAR

LIST OF MEMBERS OF THE GOVERNING COUNCIL-20-21

Sr.No	Name	Position	Organization
1	Fr. Savio Silveira	Chairman	Provincial of the Bombay Salesian Society
2	Fr. Colbert da Silva	Director of DBIT	Nominee of the BSS Board of Trustees
3	Fr. Mario Vaz	Executive Director, DBIT	Nominee of the BSS Board of Trustees
4	Fr. Mcnroe Lopez	Administrator, DBIT	Nominee of the BSS Board of Trustees
6	Dr. M.Sasikumar	Associate Director, CDAC	Nominee of the BSS Board of Trustees
7	Mr. Albert D'Souza	Chairman and Managing Director	Aldel Education Trust Printannia Industries
8	Mr. Vijay Joshi	Managing Director	Esmech Equipment Pvt. Ltd.
9	Dr. Prasanna Nambiar	Principal, DBIT	Member Secretary
10	Dr.S.Krishnamoorthy	Advisor	Educationist
12	Imran Mirza	Dean Administration	Faculty Representative

HEADS AND DEANS
2021-2022

DON BOSCO
Institute of Technology

DR. PRASANNA NAMBIAR
PRINCIPAL

DR. S. KRISNAMOORTHY
PRINCIPAL ADVISOR

DR. ASHWINI KOTRASHETTY
HOD-EXTC

MS. SANA SHAIKH
HOD-COMP

MR.JANHAVI BAIKERIKAR
HOD -IT

DR. NAKKA MURALIDHARA RAO
HOD- MECH

DR. VINOD GOKARNA
HOD-BSH

DR. YOGESH PADIYA
DEAN R & D

DR. SATISHKUMAR CHAVAN
DEAN ACADEMICS

DR. S. S. MANDE
IQAC - CO-ORDINATOR

MR. IMRAN ALI MIRZA
DEAN – ADMIN

MR. SAMEER HADKAR
CONTROLLER OF EXAMINATIONS

STUDENT COUNCIL
2020-2021

GENERAL SECRETARIES

SHEENA FERNANDES

WAYNE FERNANDES

TECHNICAL SECRETARIES

CULTURAL SECRETARIES

SPORT SECRETARIES

SWATI KAMATH

TAAHA KAZI

RIYA MEKKATTUKULAM

DHAVAL THAKUR

TINA SAYAPOGU

DYLAN DA COSTA

TREASURERS

MARKETING SECRETARIES

ALUMNI COORDINATORS

ADONIA SEQUEIRA

SIDDHARTH SAHU

DIANA FERNANDES

HARAMAL LIDDAR

CHRYSELLE FERNANDES

REUBEN CRASTO

Placements 2021

Don Bosco Institute of Technology, Mumbai
DTE: EN3208

Training & Placement Cell
Batch of 2020 – 21

25 LPA
HIGHEST
PACKAGE OFFERED

4.75 LPA
AVERAGE
PACKAGE OFFERED

HAPPY STUDENTS AND PARENTS
SATISFIED EMPLOYERS

100+
COMPANIES
VISITED

175+
STUDENTS
PLACED

dbclmumbai.org   "Help Each Other" - Don Bosco   As of June 2021

IT

78%

22%

Eligible Placed Unplaced Eligible Students

MECH

72%

28%

Eligible Placed Unplaced Eligible Students

EXTC

100%

Eligible Placed Unplaced Eligible Students

CS

83%

17%

Eligible Placed Unplaced Eligible Students
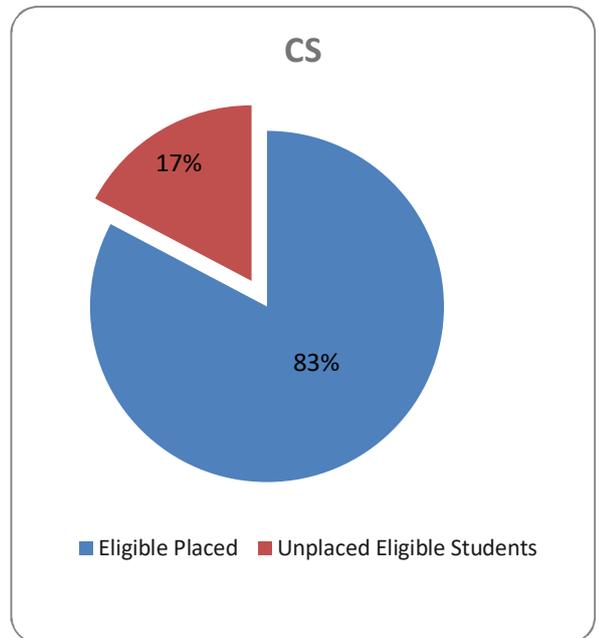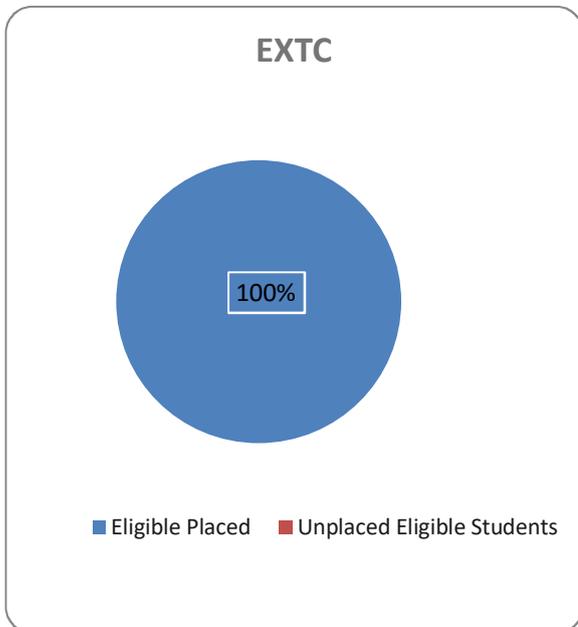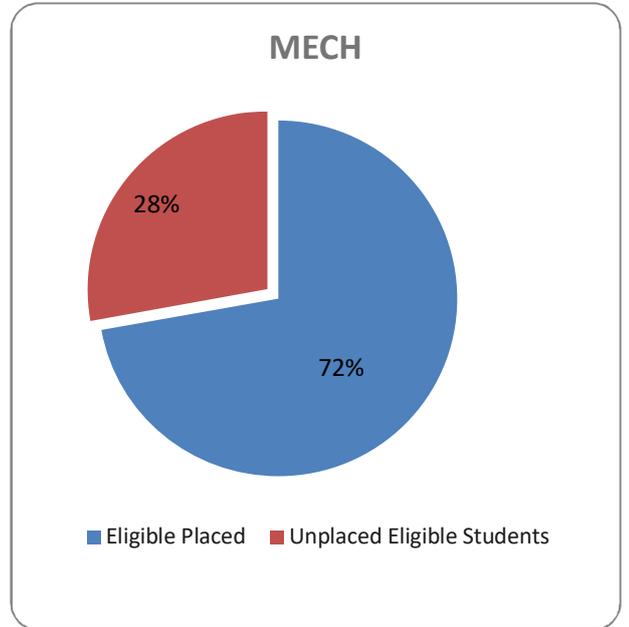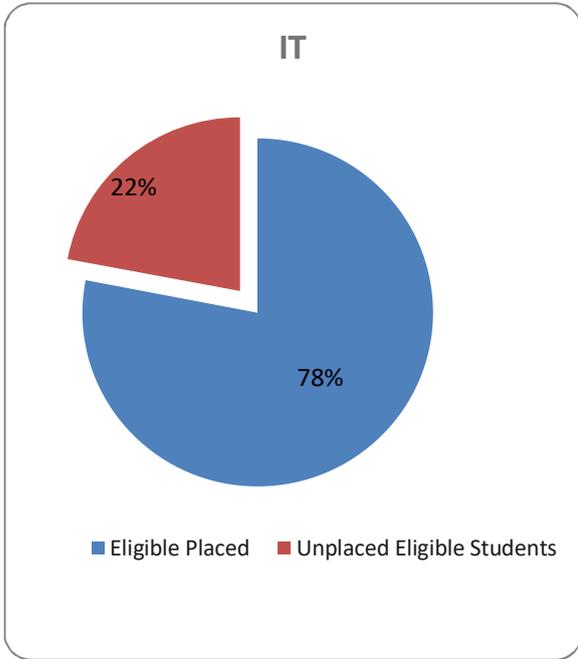
Academic Performance 2020-2021

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2020-21	320861210	BE(MECH)	157	155
2020-21	320824610	BE(IT)	78	78
2020-21	320824510	BE(COMP)	74	74
2020-21	320837210	BE(EXTC)	85	85
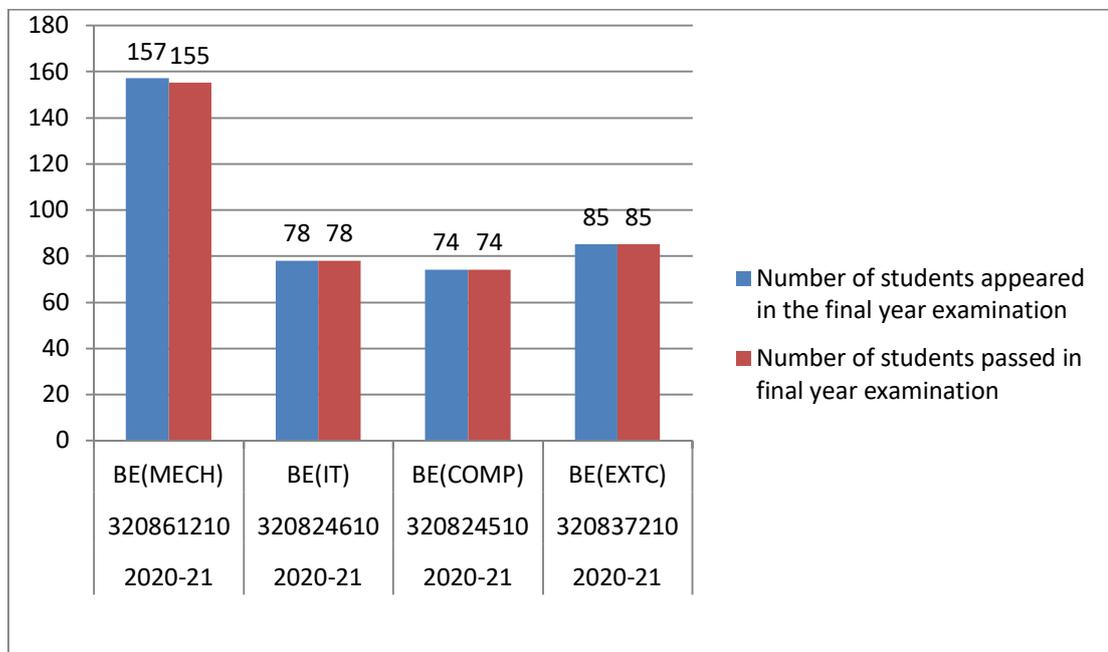
Internship Data

<u>COMPS - DEPARTMENT</u>

gS.NO.	Name of the company	Duration
1	Evosys	3 months
2	Smart Humanoid & Study Circle	3 months
3	Frappe	3 months
4	Verzeo	3 months
5	Sequelstring Solutions And Consultancy	11 months
7	Olance India	1 month
8	THE SPARKS FOUNDATION	01 month
10	Deltax	4 months
12	Revolux Solutions pvt ltd	06 months
13	Twin Tring LLP	03 months
14	Frappe	03 months
15	YWCA of Bombay	12 months
19	SS&C Technologies	04 months
22	Century Rayon	01 month
25	Fields Data	04 months
28	Shantighar Social Service Society, Andheri	05 months

MECHANICAL – DEPARTMENT

SR.NO	Name of Company	Start Date
1	Siemens Ltd	30 days
2	Tata Motors Ltd	30 days
3	Jain Irrigation System Ltd.	30 days
4	Sai engineering works	30 days
5	Shraddha Automotives	30 days
6	Shivam Autozone	30 days
7	LARSEN & TOUBRO LIMITED	30 days
8	Infokool Solution Pvt. Ltd.	04 months
9	Hindustan Petroleum Corporation Limited	01 month
10	Maruti Suzuki Arena	01 month
11	Royal Enfield	02 months
12	Mazgaon Dock Shipbuilders Ltd.	01 month

EXTC – DEPARTMENT

Sr. No.	Organization	Duration
1	Student Alliance LLP	15 days
5	AUTODICE	15 days
8	E&ICT Academy, IIT Guwahati in association with VLSI System Design Corp. Pvt. Ltd. (VSD)	15 days
9	Deloitte - Technology Consulting Virtual Internship	15 days
13	DBIT (EXTC Dept.)-Sensor Lab Development	15 days
14	Ventugrow Consultants Pvt. Ltd.	15 days

IT-DEPARTMENT

S.No.	Company Name	Duration
1	Ecom Bobby Infotech Pvt.Ltd	01 month
2	Avartan Technologies	01 month
3	Reliance JioInfocomm Limited	01 month
5	Verzeo	03 months
6	Sequelstring Solutions Pvt. Ltd.	06 months
7	Events.etherea	08 months
8	Myeemo	01 month
9	Reliance Retails	04 months
10	Aantariksh Developers	05 months
11	Business Toys Private Limited	01 month
12	Godrej & Boyce Mfg. Co. Ltd.	03 months
13	Learnovate Ecommerce	01 month
14	Consult leonis	02 months
15	The Sparks Foundation	01 month
16	Vidmoji Media	04 months
17	Blank Labs Pvt Ltd	04 months
18	Union Living	02 months

INSTITUTE LEVEL COMMITTEES

EXAM COMMITTEE

MR. SAMEER H.

MR.SACHIN S

MR. SANDEEP S

MS. PRATIBHA D.

DR Y S PADIYA

MR. ARUNA K.

MS. SHAINILA M.

MS. DEEPALI K.

TIME TABLE COMMITTEE

MR. SWAPNIL G

MR. JITHIN I.

MS. MAYURA

MS. SEJAL C.

MR. TAYYAB ALI

MR. SATYANARAYAN

INTERNAL COMPLAINTS COMMITTEE

MS.SANA A

MS. POONAM C.

MS. GEJO G.

MS. ANAGHA S.

MR. NILESH G

MS. KARTIKI B.

OBC CELL COMMITTEE

MR. HEMANT H

MS. MADHAVI P.

MR. KISHORE B.

MS. KALPITA W.

MR. PRASAD P

MR. SAMEER H.

SC/ST COMMITTEE

MR. BUDDHIPRIYA C

MR SUDHAKAR A

MS. MADHAVI P.

MS. DEEPALI K.

MS. VAISHALI K.

MR. HRISHIKESH

MINORITY CELL COMMITTEE

MR. IMRAN ALI

MS. ANJUM K.

MR. YOGESH G.

MR. TAYYABALI S.

MR. YOGESH G.

MR. JUNED A

MR. SANJAY T.

INSTITUTE LEVEL COMMITTEES

TECHNICAL COMMITTEE

MS. PRIYA KAUL

MS. LAKSHMI V

MS. MADHAVI P.

MR. TAYYABALI

MR. HEMANT HOGADE

MR. SATYANARAYAN

WEBSITE COMMITTEE

MR. NILESH G.

MS. DEEPALI K

MS. LAKSHMI V

MR. JITHIN I.

MR. MANOHAR S.

MR. SACHIN S.

MS.DEVYANI B

MOODLE COMMITTEE

DR. REVATHY S.

MS. DITTY V.

MRS. SUNANTHA G.

MR. BUDDHIPRIY C.
MR. SUDHAKAR A.

MS. FREDA C   MS. PRATIBHA D.

DISCIPLINE COMMITTEE

MS. NAMITA A.

MS. SEJAL CHOPRA

MRS. ANAGHA

MR. AMBORE S. / MS. DEEPIKA G.
MR. SACHIN S.

MS.KARTIKI

ALUMNI COMMITTEE

MS. DITTY V.

MS. GEJO G.

MR.TAYYAB ALI S.
MR. NILESH G.
MR. JOHNSON N.
MR. NILESH G.

MS.DEVYANI

CULTURAL COMMITTEE

MS. DEEPALI K.

MS. POONAM C.

MR.ARUNA K.

MR. MANOHAR S.
MR. PAVAN K.

MR. MANOHAR S.
MR. PAVAN K.

INSTITUTE LEVEL COMMITTEES

OUTREACH CELL COMMITTEE

MR. JOHNSON N

MS. FREDA C.

MS. SHAFAQUE

MS.SHAINILA M.

MS.VAISHALI K.

MS. DEVYANI

GRIEVANCE REDRESSAL COMMITTEE COMMITTEE

MS CLETA P

MR. SANDEEP S

MS. APARNA T.

MR. JITHIN I.

MS. MAYURA

MS. SHAINILA

MS.KARTIKI B.

MRS ANAGHA S.

HOUSEKEEPING AND MAINTENANCE COMMITTEE

MS. MADHAVI P.

MR. HRISHIKESH

MS. MAYURA

MS. KALPITA W.

MS.PALLAVI ,

MS. ARUNA K.

MR. JUNED A

MS CLETA P

MENTORING COMMITTEE

DR. REVATHY S.

MS. GEJO G.

MS. DIPTI JADHAV

MS. DIPTI JADHAV

MR SWAPNIL G

MS.PALLAVI

INDUSTRY –INSTITUTE INTERACTION COMMITTEE

MS. FREDA C

DR. ASHWINI K

DR.PHIROZ S

MR. NILESH G.

DR. PRADEEPKUMAR S

MR. NILESH G

INSTITUTE RANKING COMMITTEE

DR. PHIROZ S.

MS. PRATIBHA D.

MR. PRASAD

MR. HEMANT H

DR. VINOD G.

INSTITUTE LEVEL COMMITTEES

R & D COMMITTEE

DR. Y. S. PADIYA

DR. N M RAO

DR. ASHWINI K

DR. S. S. MANDE

DR. S. CHAVAN

DR. AMIYA T.

MR. SHIV NEGI

DR. REVATHY S.

MR PAVAN K

DR. VINOD G.

STAFF WELFARE COMMITTEE

MR. SANDEEP D

MR. JITHIN I.

MS. APARNA T.

MS. SHAINILA M.

MR. ANAGHA S.

MS. KARTIKI B.

WOMEN DEVELOPMENT COMMITTEE

MS. DIPTI J.

MS. MADHAVI P.

MS. APARNA T.

MRS ANAGHA S.

MR B S CHAVAN

MS CLETA PEREIRA

MS. DEVYANI

CANTEEN COMMITTEE

MS. VAISHALI K.

MS. MADHAVI P.

MS. SHAFAQUE

MS.PRIYA K.

MR. RAJWADE M

MR. HRISHIKESH

UNFAIR MEANS COMMITTEE

**HODS
+
PRINCIPAL
+
EXAM INCHARGE**

PLACEMENT COMMITTEE

MR. BHARAT B

MS. ANJUM K.

MS. POONAM C.

MS. DIPTI JADHAV

MR. UDAY

MR. NILESH G

MR. JOHNSON N

INSTITUTE LEVEL COMMITTEES

LITERARY COMMITTEE

MR. SACHIN S

MS. POONAM C.

MS. KALPITA W.

MS. ARUNA K.

MR. RAJWADE M.

MS. DEVYANI B.

SPORTS COMMITTEE

MR. JITHIN I.

MS. PRIYA KAUL

MR. TAYYAB ALI S.

MR SUDHAKAR A

MR. MANOHAR S

MR HRISHIKESH

E- CELL COMMITTEE

DR. PRADEEPKUMAR S

MR. YOGESH G.

MS. KALPITA W.

MR. PRASAD P.

MS. DEVYANI B.

LIBRARY COMMITTEE

DR. AMIYA T.

DR. S. S. MANDE

MR. UDAY N.

MR. SACHIN S

DR. REVATHY S.

PROJECT COMMITTEE

MS CLETA P

MS. ANJUM K.

MS. FREDA C.

MS. SHAFAQUE

MS. DITTY V.

MS. SUNANTHA G.

MS. GEORGENA K

MR RAJWADE M

NAAC COMMITTEE

MS. NAMITA A.

MS. SEJAL C

MR. PRASAD

MR. SANDEEP D

DR. Y. S. PADIYA

DR. VINOD G.

NEWS-WORTHY

STUDENT ENGAGEMENT

In the past two years, the educational scenerio all over the world has been affected drastically . Amidst a global pandemic, the teaching and learning systems had to be moved online. The faculty at DBIT rose upto the occasion and endeavoured to experiment with a variety of platforms inorder to convey knowledge to the students.

Lectures and Practicals : While some platforms were extremely helpful for practical and tutorial sessions, some online platforms and softwares helped make theoretical knowledge palatable.

A variety of platforms were explored by the faculty at DBIT for the conduction of <u>theory and practical lectures</u>. Some of the examples are :

- Zoom,
- Microsoft Teams,
- G-suite,
- Big Blue Button etc

To ascertain students understanding of concepts, faculties conducted <u>periodic quizzes</u> using digital platforms like

- Google quiz,
- Moodle quiz,
- Kahoot quiz etc.

Additionally, faculty members used <u>paidsoftwares</u>like

- Open Board Software (for virtual white board) ,
- AutoCAD software (for teaching computer-aided engineering graphics),
- XP Stylus pens and a variety of similar tools.

Inorder to ensure absorption of knowledge by the students during the online practical sessions, faculty members went ahead and shared <u>video recordings of the experiments</u> being conducted in the respective labs by the faculties themselves. With the use of <u>virtual libraries and virtual laboratories</u>, online learning surely became considerably easier and comfortable for students.

Since the last couple of years, <u>Open source course management systems</u> like Moodle have been used by faculty members at DBIT to disperse study material to the students. At testing times during the pandemic, faculties impelled themselves to make use of newer features and strartegies available on such platforms.

FE Orientation : The two-day orientation for the incoming engineering students and their parents was also conducted online. Digital platforms Bigbluebutton and zoom were used to host the large number of audiences.

Process of Online Exam at DBIT : Educational evaluation or assessment is the key to decipher the impact of any teaching learning process. The faculty at DBIT made sure to put in all the effort required to verify whether the students were able to retain the concepts taught during the online lectures and practical sessions. At the end of each lecture, faculty members would take a short quiz. Though the scores of these practice quizzes do not add up to a candidatesmarksheets, they helped the students and faculty understand the effectiveness of the online teaching methodologies. Halfway through the semester Internal Assessment exams are conducted as per the university norms. The semester comes to a close with the end semester examination. Since the lockdown demanded the online conduction of these exams, Cloud Moodle was the platform the institute resorted to. An online orientation was conducted for the teachers to familiar them with the nuances of the features available on the platform. Internal exams as well as semester end examinations were conducted online on cloud moodle and huge emphasis was laid on earnest online proctoring during the conduct of these online examination.

Since Moodle's security controls are committed to safeguarding data securely and protects data againstunauthorised access, misuse or loss of data related to examination can be prevented. Uploading of answersheets for subjective exams was made hasslefree using this platform. Though students were instructed to submit files only within the stipulated time, a provision was is made available to record late submissions.

DBIT hosts Moodle on Amazon Cloud which makes it easier to backup the necessary data. Overall, the faculty at DBIT took on the task of conducting online exams headson and successfully submitted and documented the deliverables.

The efforts put in by faculty members and management to ensure that students were engrossed in the curriculum (irrespective of where they were stationed during the Pandemic) were thoroughly rewarded by an all time high student engagement.

STUDENT COUNCIL

Student Council for the Academic year 2020-21 was formed on 6 th August 2020 after a rigorous process of interviews held by Interview Panel consisting of selected faculties, committee coordinators and student secretaries. Being at the midst of this sudden captivity due to COVID 19.The academic year 2020-2021 despite commencing late, saw a huge change in the type of events conducted due to the Covid-19 Pandemic. While keeping in mind the interests of the students and their curricular development, all the following events were conducted using online modes to the best of their ability. Under the guidance of the General Secretaries Ms. Sheena Fernandes and Mr. Wayne Fernandes the students were able to experience a range of entirely new events to the routine events conducted yearly.

The following events were conducted during the Odd Semester of the academic year 2020-21:

Sr. No.	Name of the Event	Date and Time	Theme of the event	Organizers	Resource Person
01	Panel Discussion on Sustainable Engineering	15 th Sep .2020 2:00 - 3:00 p.m.	Engineers Day	Technical Committee of DBIT	1.Dr. Anand Rao 2.Mr.Amit Tandon 3.Mr.Ashok Kalbag 4.Mr. Vivek Pandey
02	A session on "Consumer Protection Act"	9 th Dec 2020 11:30 a.m.-12:30 a.m.	Rights of Consumer	Technical Committee of DBIT	Ms. Sharmila Ranade
Exhibitions					
1	Cydee Technologies	31 st March,9 AM.	Entrepreneurial aspect of a BE project.	Monika Jha, Founder, Cydee Technologies	
2	Robotics	31 st March 2021, 10 AM	The upcoming technology in the field of Robotics and AI	IndiaFIRST Robotics Team	
3	STAR exhibition	1st April 2021, 10 AM	Innovation	Harsh Bondre, TE MECH	
4	In conversation with Prakhar Gupta	1 st April 2021, 8:30PM	Evolutionary Psychology and Economics.	Technical Committee	Mr. Prakhar Gupta
5	Swaniti ways to solve governmental problems	31st March 2021 7:00 pm to 8:00 pm	You Tube Role of technology in solving government issues	Technical Committee	Ms.Rwitwika Bhattacharya

6	Apna time aayega in 13 steps	31st March 2021 10:30 am to 11:30 am	Importance of practice, patience, and perseverance.	Technical Committee	Mr.Sujan Roy
7	Aliens, Expoplanets and Astrobiology	31st March 2021 8:30 pm to 9:30 pm	on Astrobiology and Astrophysic	Technical Committee	Dr. Daniel Angerhausen astrophysicist and astrobiologist at the Center for Space and Habitability at Bern University.
8	Education in Industrial Age 4.0	1st April 2021 10:30 am to 11:30 am	The current technological trends.	Technical Committee	Prof.Madan M. Pant
9	How to travel the world with almost no money	1st April 2021 12:00 pm to 1:00 pm	Efficient travelling	Technical Committee	Mr. Saurabh Gupta
10	Quantum Revolution	1st April 2021 7:00 pm to 8:00 pm	ongoing research in Quantum technologies	Technical Committee	Dr.Shohini Ghose,professor of Physics & Computer Science at NSERC ,Canada
11	8.World of Animation	31st March 2021 12:00 pm to 1:30 pm	Animation and its process	Technical Committee	Mr.Suresh Eriyat,Creative director and Founder of STUDIO EEKSAURUS.
		Workshops			
1	Digital Marketing	26 th March 2021 to 28 th March 2021	Importance of Digital Marketing.	Technical Committee	Priyanka Parmar
2	Microbit	24th March to 25th March 2021 11;00 am – 2 pm	Basics of controllers and processors.	IEEE and IETE Team	IEEE and IETE Team
3	ReactJS	26th March 2021- 30th March 2021	Website Frameworks used in Industries	Technical Committee	AkshayToshniwal
4	RPA	23 March 2021- 26 March 2021	Introduction to Uipath Studio and Basic Programming	Technical Committee	HrishiSalunke
5	Strategic planning in Chess	19th March 2021- 20th March	various strategies used by Chess Grand Masters.	Technical Committee	AmeyaShrirangVaidya
6	UI/UX develop	22 March 2021- 25 March 2021	fundamentals and standard practices in UI/UX	Technical Committee	Ashish More

			Industry.		
7	Vehicle dynamics	27th March 2021- 29th March 2021	The basic working of Automobiles and design components	Madgear Motorsports Team	Madgear Motorsports Team
8	.Zumba	27th - 28th March 2021	Building Endurance	Technical Committee	PoojaKanojia
04		**CULTURAL**			
1	Saturday Night Live	Every Saturday (21 st August – 3 rd October).	Instagram. Music, Drama, Dance.	Cultural Committee	
2	Onam	31 st August 2020.	Photogrphas of food , outfits and rangoli	Cultural Committee	
3	Teacher's Day	5 th September 2020.	Zoom and Youtube.	Cultural Committee	
4	Logo Making Competition	17 th September 2020.	Instagram.	Cultural Committee	
5	Cultural Page	10 th September 2020	Instagram.	Cultural Committee	
6	Photography Contest	15 th April 2021.	Instagram.	Cultural Committee	
7	Dance Workshop	11 th May 2021.	ZOOM	Cultural Committee	
8	LitSoc Jam	8 th May 2021	ICE Breaking Session.	Literay Club	
5.		**SPORTS**			
5.1	Quizzes				
	1.Cricket Quiz	27th August 2020	Zoom and Google Forms	Sports Committee	
	2.Bollywood Quiz	11th September 2020	Zoom and Google Forms	Sports Committee	
	3.Netflix Quiz	9th October 2020	Zoom and Google Forms	Sports Committee	
	4.Football Quiz	23rd October 2020	Zoom and Google Forms	Sports Committee	
5.2	PUBG Mobile Tournament	02 September 2020	PUBG Mobile App	Sports Committee	
5.3	Chess Tournament	10 th September 2020.	Zoom and Chess.com	Sports Committee	
5.4	Scribble.io	13th	Zoom and	Sports Committee	

		November2020.	Scribble.io		
5.5	Housie	on the last Friday of August, September and October 2020	Google Meet, Tambola Mobile App	Sports Committee	
5.6	DBIT Gaming Week	16 th November 2020 – 22 nd November 2020.	Valorant App	Sports Committee	
5.7	Call Of Duty:Mobile:		CODM App	Sports Committee	
5.8	Chess Tournament		Zoom and Chess.com	Sports Committee	

E-Innovex

Innovex is a two day project exhibition and interdepartmental competition wherein the BE students from all four departments exhibit and demonstrate the projects developed by them under the guidance of respective faculty members. Inspite of the Pandemic, DBIT conducted it's Project competition online.

The Major objective of this exhibition is to provide a platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year either as Industry Defined Problem or User Defined Problem. It also provides an opportunity for the students to demonstrate their learning experience. The outcome of the exhibition is that students are able to present their topics more skilfully. The students are also encouraged to pitch in their ideas & solutions in front of distinguished guests.a two day project exhibition and interdepartmental competition 'Innovex' wherein the BE 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 developed in the Final Year either as Industry Defined Problem or User Defined Problem It also provides an opportunity for the students to demonstrate their learning experience. The outcome of the exhibition is that students are able to present their topics more skilfully. The students are also encouraged to pitch in their ideas & solutions in front of distinguished guests.

Sr no	Department	Total number of projects	Title of winning projects
1	Computer engineering	25	1st Prize : A R Smart Navigation System 2nd prize : Student Attention Monitoring System using Python and Computer Vision 2nd prize : DAASH -Drop Attack Alert System for Home Environment 3rd prize : Enhancing Deep Fingerprinting Attack On Tor Network Using Lottery Ticket Hypothesis Viewer's Choice Award : Nutrition lookup system for home cook food vendors using NLP
2	EXTC Engineering	22	1st Prize :LoRaWan Enabled Remote Solar Photo Voltaic Energy Monitoring System 2nd Prize : Vitaran Drone 3rd Prize : Wireless Charger for Electric Vehicles Viewers Choice award : Breast Cancer Detection and Segmentation using Deep Learning Prof. D. Sunderajan award : Design and Development of Mobile Handset Antenna for optimum SAR for Mobile Communication System

3	IT Engineering	26	1st Prize : Block chain in Healthcare 2nd Prize : SmartDoc 3rd prize : Pothole detection and Location Viewer's Choice Award: Proposing Value Based Stratergy for B2B Data Exchange
4	Mechanical Engineering	41	1st Prize : Paper Box Making Machine 2nd Prize : A Novel Approach for Sustainable Handling and Disposal of Sanitary Pads 3rd Prize : Bio-mimetic Flapping Wing Mechanism Consolation Prize : Design of Smart Incinerator with Catalytic Converter Attachment Consolation Prize : Design of Manufacturing of Dual Injection Nozzle for 3D Printer Viewer's Choice Award : Design of Natural Cooling System for Urban Requirements

Three Track Programme for First Year Engineering Students:

The notion of a three track programme for the overall development of engineering graduates was conceptualized and proposed by Principal Dr PrasannaNambiar and was sanctioned by the Management at DBIT. The three-track programme has been successfully implemented at the First Year Engineering level in the academic year 2020-2021.

Sr No	Track Name	Particulars	Activities under each track
1.	Academic Track	Sessions to enhance technical knowledge and skills	• J.A.M : Interpersonal skills Communication Skills • Tug Of Words : How to excel at Oxford style debate • Problem solving skills : Expert Session on Numer tricks and famous constants • Problem Solving Skills : Number, Logic, Geometry • Project Based Learning : Tips on how to excel at projects
2.	Wellness Track	Physical and mental well-being : EQ, SQ, IW, Stress Management , Time management, Yoga , Sports etc	• Mastering Emotional Intelligence and Anger Management • An insight into the Don Bosco way of life • Ease yourself with Yoga
3.	Aspirational Track	Development of new skills: Portfolio building, Entrepreneurial ventures, incubation, learning a new language, etc.	• Event Management and Importance of Extracurriculars • Personal Branding and LinkedIn Building and Self Love • Entrepreneurship and Finance Handling • Public Speaking and Dressing for Corporate or Casual Events and Etiquettes • Are you LinkedIn or Left out?

Sr. No.	Name of the Event	Speakers	Date	Duration(in hours)
1.	Event Management Importance of Extracurriculars	Mr Wayne Fernandes, Ex. General secretary of Don Bosco Institute of Technology. And Mr. Floyd Pinto, D.B.I.T Alumnus, National Football Coach for the boys' under 19 team and other prestigious clubs.	6th February 2021	03 hours
2.	Personal Branding and LinkedIn Building and Self Love	Ms. DhairyaGangwani, SAP Analyst, Content Creator, Mentor, Public Speaker, " LinkedIn's Most Powerful Profile " Award holder. And Ms. SnehaSantosh, Student at School of Human Ecology, Tata Institute of Social Sciences (Expertise in Happiness Hacking Webinars).	13th February 2021	03 hours
3.	Entrepreneurship and Finance Handling	Ms. Tejaswini, Entrepreneur (Expertise in Startup Mentoring). And Mr. Venkatesh, Entrepreneur (Expertise in Finance Handling Mentoring).	19th February 2021	04 hours
4.	Public Speaking and Dressing for Corporate or Casual Events and Etiquettes	FrSavioDesales (Expertise in Public Speaking Sessions for Youth and Industry People). And Ms. Andrea Niki, Expert in Corporate Webinars on Dressing and Etiquettes.	27th February 2021	O4 hours
5.	Mastering Emotional Intelligence and Anger Management	Ms. JahnaviPandya, Psychologist, Assistant Professor, Public Speaker, "NariRatna" Award holder.	6th March 2021	04.05 hours
6.	An insight into the Don Bosco way of life	Ms. Minita Ramesh Joshee, DBIT Alumnus - Batch 2021, Winner of the Viewer's Choice Award for her B.E Project at e-Innovex 2021	5th June 2021	01 hour
7.	Ease yourself with Yoga	Mr. AtulGandre, Household Yogi and Certified Yoga Instructor (Advisor for the Computers department)	21st June 2021	02 hours
8.	Are you LinkedIn or Left out?	Mr. Sean D'cruz, DBCL Alumnus	27th June 2021	02 hours

9.	J.A.M : Interpersonal skills Communication Skills	Presented by the coreteam and voulunteers of the Literary Society of the institute	08 May 2021	02 hours
10.	Tug Of Words : How to excel at Oxford style debate	Presented collaboratively by the volunteers of the Literary society and the Social Innovation club of the institute	05 June 2021	01.05 hours
11.	Problem solving skills : Expert Session on Numer tricks and famous constants	Session conducted by MathsFaculy, DBIT along with Volunteers, Maths Club	03 July 2021	02 hours
12.	Problem Solving Skills : Number, Logic, Geometry	Session conducted by MathsFaculy, DBIT along with Volunteers, Maths Club	10 July 2021	02 hours
13.	Project Based Learning : Tips on how to excel at projects	Session conducted by Physic faculty,DBIT	04 March 2021	01 hour

Smart India Hackathon Participation

18 students from DBIT participated in the nation-wide Smart India Hackathon organized by MHRD, AICTE Team Utkarsh (6 students + 1 faculty) won the Smart India Hackathon while team Runtime Terror and Team BDTC participated in the Grand Finale.

Team Name	Achievement atSmart India Hackathon (July 2020)	Team members
Utkarsh	Won the first place in the problem statement 'E-tendering system for Tripura Institute Of Technology'.	Viraj Tandel Priya Singh Saurav Yadav Sanket Deshmukh Afif Shaikh
Runtime Terror	Participated in the GrandFinale	Taaha Kazi Jeslyn Jaison Yash Bitla Arjun Chavan Sasha Pais Alan Tom
BDTC	Participated in the Grand Finale	Calden Rodrigues Chaitanyakrishna Dukkipaty Kyle Lobo Pratik Nerurkar Sarah Solkar Roshan James

Online Conference on Gender Bias in Technology
Incollaboration withAuro University

Don Bosco Institute of Technology,Kurla, Mumbai organized a one of its kind National Conference in collaboration with Auro University, Surat, Gujarat. This two-day conference organized on 8th and 9[th]March was titled "Gender Bias In Technology". The Women Development Cell at both the instructions along with the IEEE Bombay Section, Women in Engineering jointly contributed towards the success of the event.

The under listed faculty members and students presented research papers at the National Conference:

Name of the research paper	Presented by	Designation
Deep Learning GST Analytics System	Ms. Kalpita Wagaskar and Mr. Amiya Tripathy	Faculty at DBIT , Kurla
Analysis of Gender Based Discrimination in Decision Making Algorithm and it's Impact	Ms Swati Kamath and MrTaaha Kazi	Engineering Students, DBIT, Kurla
Impact of Technological Era on the mental health of Men and Women	MsAnagha Shastri, MsDipti Jadhav, MsAparna Telgote and MsDevyani Balasra	Faculty at DBIT, Kurla

A Paradigm Shift in Period Management Through Deployment of Technology	Dr. Prasanna Nambiar	Principal and Professor of Mechanical Engineering, Don Bosco Institute of Technology, Mumbai
	Ms. Sanjana Nandanvar Ms. Amol Nagpure Ms. Priti Warang Ms. Pratibha Sharma	Faculty at DBIT , Kurla
Breaking the Glass Ceiling - A New Way	Ms. Poonam Chakraborty Ms. Namita Agarwal Ms. Madhavi Pednekar	Faculty at DBIT , Kurla
The Advent of Women: An Analysis of Gender Bias & Inequality in STEAM Literary Narratives	Ms. Freda Carvalho Dr. Ashwini Kotrashetti	Faculty at DBIT , Kurla

National Conference on Gender Bias in Technology
8th - 9th March, 2021

Organized By

Women Development Cell, AURO University, Surat
In Collaboration with
Don Bosco Institute of Technology, Mumbai
and IEEE Bombay Section Women in Engineering

www.aura.edu.in

NSS E-Dairy for University of Mumbai

The Students volunteers of NSS, DBIT took over the responsibility to develop a Website and an E-Dairy android application for NSS, University of Mumbai. The task carried out by the students was highly appreciated by NSS, University Of Mumbai.

The listed students successfully carried out the aforementioned project :

Software designers:	**ManasiAnantpurkar – TE-COMP** **PriyalVaz – TE-COMP** **Shivam Singh – TE-MECH**
Software developers:	Satyam Sharma – TE-IT (Android Application Developer) Hayden Cordeiro – TE-COMP (Backend Developer) MalvikaShetty – TE-IT (Backend Developer)
Project Coordinator:	Prof. TayyabaliSayyed – IT Department Royal D'souza, N.S.S. Programme Officer

HALL OF ACHIEVEMENT

MEMORANDUM OF UNDERSTANDING (2020-21)

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 2020-21 are as follows

Sr. No.	Name of the organization	Type of Collaboration	Significant Impact
1	Indian Institute of Technology, Guwahati	Joint Colloboration for training,education ,research and development of faculty , students and industry representatives .	Academic Specific Training programmes or courses for students, colloboration in reserach , & development and Consultancy works.
2	Lunghwa University, Taiwan	Faculty and student exchange, Internships, Faculty Phd	Student exchange and visits, joint patent filing
3	Fu-Jen Catholic University	Faculty and student exchange, Internships, Faculty Phd	
4	QDNet Technologies Pvt.Lts., Mumbai (EXTC)	Joint research, faculty and student internships	Projects and internships undertaken
5	Radiojitter Concepts Lab LLP, Bangalore (EXTC)	Research , Hardware and software support for projects	Projects undertaken, Consultancy
6	A.S. E. Analytics LLP (Mechanical)	Cooperation releasing to defining acceptability criteria ,standardization ,conformity and assessment legal metrology and development of liquid sampler	Projects undertaken
7.	Health Wheels Pvt.Ltd.	Internship projects with the students of Third year Computer Engineering	
8	Navayuak Entrepreneurs Pvt.Ltd.	Offering qualitative education on developing entrepreneurial drive, skills and strong determination for venturing in entrepreneurship	
9	iRobokids	Inernship for students , mutually organisingrobotiocs competition for school students of Mumbai region	Irbokids can give prefrence to deserving students of EXTC DBIT

STUDENT ACHIEVEMENT

Student Council for the Academic year 2020-21 was formed on 6th August 2020 after a rigorous process of interviews held by Interview Panel consisting of selected faculties, committee coordinators and student secretaries. Being at the midst of this sudden captivity due to COVID 19.The academic year 2020-2021 despite commencing late, saw a huge change in the type of events conducted due to the Covid-19 Pandemic. While keeping in mind the interests of the students and their curricular development, all the following events were conducted using online modes to the best of their ability. Under the guidance of the General Secretaries Ms. Sheena Fernandes and Mr. Wayne Fernandes the students were able to experience a range of entirely new events to the routine events conducted yearly.

The following events were conducted during the Odd Semester of the academic year 2020-21:

TECHNICAL		
Sr NO.	NAME OF STUDENTS	ACHIEVEMENT DETAILS
01	GrejoJoby (COMP)	First prize, Coding premier league
02	PriyaUmesh Singh (IT)	Ranked 1st Place in Smart India Hackathon 2020
03	Afif Ahmed MehmmodShaikh (IT)	Ranked 1st Place in ASEAN- Indian Hackathon 2020
04	Harsh Rathod (EXTC)	Secured Second prize in the intercollegiate poster making competition IETE-ISF-DBIT
	AdoniaSequeiraa (COMP)	Won viewers choice awards Teknack, Technical writing IEEE, Peas Day contenst , UX UI Challenge Colosseum DBIT.
03	Briana Rajan (COMP)	Winner of Techical paper presentation colosseum and Techical Writing (IETE-DBIT)
04	Ruvin Rodrigues (COMP)	Winner of Best Game UI - Teknack
05	Cindy Raycel Rodrigues (IT)	Level 1 Training- e Saksham, Won Second prize at Innovex 2021
06	VaisnaviRansubhe (IT)	Sucessfully redesigned the NSS- Mumbai University Website under the guidance of Prof. TayyabaliSayyad Web development and design Intership at The Sparks foundation
07	Saurbh Kumar Yadav (IT)	Won first place in various Hackthons
08	Savio Lobo (IT)	Participated in IBM call for a code 2020 Covid 19 Hackthon Finished 4 th place at Xovian Aerospace Inter-collegiate Cansat Satellite
09	Merlin Tommy AjithaRajkumar ShubangiKatariyar&AnuranjiKomban (EXTC)	Selected for the final evaluation stage in "Competition for Budding Innovators" conducted by IEEE BS SIGHT in collaboration with Bombay Section SAC
CULTURAL		
Sr No.	NAME OF STUDENTS	ACHIEVEMENT DETAILS
01	Briana Rajan (COMPS)	Winner of Tug of Words competition

FACULTY ACHIEVEMNT 2020-21

Appointment as Experts, Panelists and	
Name of faculty	**Achievement Details**
Electronics and Telecommunication	
Mrs.Pratibha Dumane	• Ms. PratibhaDumane and Ms. Poonam Chakraborty were appointed as Reviewers for the 4th Biennial International Conference on Nascent Technologies in Engineering organised by Fr. C. Rodrigues Institute of Technology,Vashi, Navi Mumbai, in association with IEEE & IAS on January15-16, 2021 • Appointed as a Reviewer for the International Conference on Artificial Intelligence and Energy System (ICAIES 2021), Jaipur.
Dr. SatishChavan	• Appointed as Session Chair for the International Conference on Computing in Engineering & Technology, organized by Dr. B.A.Technological University, Lonere, Dist. Raigad held on 30-31 January, 2021
Dr. AshwiniKotrashetti	• Appointed as a reviewer for the Asia Pacific Microwave Conference, December 8-11, 2020, Hongkong.. • Invited as a panelist for the SIGHT DAY Celebrations by IEEE Bombay Section to share experiences of working on SIGHT projects on April 28, 2021. • Appointed as Vice-Chair, Inter Society Liaison Committee, IEEE Bombay Section for the year 2020 and as Chair of IEEE MTT-S Chapter of Bombay Section in January 2021. • Appointed a Reviewer for the 2021 Cross Strait Radio Science and Wireless Technology Conference from July 7-9, 2021,Shenzhen
Ms. MadhaviPednekar	• Selected as a member of "First Draught Discussion Forum of MLC" on April 26, 2021 and offered a free annual membership 2021under Mumbai Linguistic Circle, Department of Linguistics, University of Mumbai.

Mrs. Poonam Chakraborty	◦ Selected as the Executive Committee (EC) Member of IETE Mumbai Chapter for two years 2020-2022. • Appointed as a Reviewer for IETE Mid Term Symposium (MTS- 2021) in "Emerging Trends in ICT & Electronics" on April 30, 2021 • **Ms. MadhaviPednekar, Ms. AparnaTelgote**and **Ms. Poonam Chakraborty** were appointed as session chairs at the 52nd Mid Term Symposium MTS-2021 on Emerging Technologies in ICT and Electronics on April 30, 2021 conducted by IETE in association with IETE Mumbai section.

Computer Engineering

Dr. AmiyaKumarTripathy	• Chairman of IEEE-GeoScience and Remote Sensing Society, Bombay Chapter, Since January 2021 • Chapter Chair at Clouding Computing &IoT, ACM, Singapore. • Technical Committee Member of 6th International Conference on Cloud Computing and Internet of Things, September, 22-24, 2021, Okinawa,Japan. • Editor of special issue of the Journal of Future Internet (ISSN 1999-5903). "Network Virtualization and Edge/Fog Computing". • Editorial Board Member of Elsevier's Journal of Information Science. • Editorial Board Member of Elsevier's Journal of Information Science. • Research Progress Committee (RPC) Member for University of Mumbai TCET Center. • RPC Member for University of Mumbai RAIT Center, Nerul. • Member of Advisory Committee for International Conference IC-RACT-2021, • Member of Program Committee for International conference ICAC3-21.
Ms. Sana Shaikh	• Appointed as a syllabus setter for Big Data Analytics subject in K J Somaya Engineering College. • Appointed as a syllabus setter for Advance Database Management System subject of Mumbai University.

Basic Science & Humanities	
Dr. VinodGokarna	• Invited as a resource person for delivering talk and taking laboratory session at The Dept. of Physics of R.D. &S.H.National college & S.W.A. Science College is organizing a Two Days workshop on, "Physics and Technology of Thin Films" under Star College Scheme initiated by Department of Bio-Technology DBT, Government of India during 28th Feb t0 29th Feb 2020 • Interviewer /Evaluator for Action Research for Dr. HomiBhabhaBalVaidnyanik competition 2020-21 held online from 8.30 a.m. to 4.30 p.m. on Sunday 16th May 2021.
Dr. RevathySundarajan	• Reviewer of the syllabus for the subjects Mathematics I, Mathematics II and Computing and Higher Mathematics for *MIT Academy of Engineering, Alandi, Pune*

Paper Publication and Presentation

Electronics and Tele communications Engineering

Ms. Freda Carvalho	• **Ms. Freda Carvalho&Dr. AshwiniKotrashetti**received the first Best Paper Award for their paper titled "The Advent of Women: An Analysis Gender Bias & Inequality in STEAM Literary Narratives" in the Conference organized by Women Development Cell, AURO University, Surat in collaboration with Don Bosco Institute of Technology, Mumbai and Institute of Electrical and Electronics Engineer's Bombay Section Women in Engineering on March 8-9, 2021.

Computer Engineering

Dr. AmiyaKumarTripathy	• Paper published on "Designing a cryptosystem for data at rest encryption in mobile payments", by P. Vishwakarma, A. K. Tripathy and S.Vemuru in the Journal of Applied Science and Engineering, Vo. 17, No.4, Pp. 373-382, December 2020. • Paper published on "Cryptanalysis of near Field Communication based Authentication Protocol forMobile Payment System" (2021) by P. Vishwakarma, A. K. Tripathy and S.Vemuru in springer journal"Wireless Personal Communications".
Ms. ShainilaMulla	• Paper titled "Pneumonia Detection in X-rays Using OpenCV and Deep Learning" submitted and accepted at the 4th International Conference on Communication, Information and Computing Technology (ICCICT-2021). .
Ms. KalpitaWagaskar	• Paper titled "DELGAS: Deep Learning GST Analytics System" was presented and published at National Conference on Gender Bias in Technology 2021 on 8th and 9th March 2021 in association with WDC-AURO University, Don Bosco Institute of Technology, Mumbai and IEEE Bombay Section Women in Engineering. • Paper titled "Hybrid Text and Image Compression Parallel Algorithm" was presented at ISGC 2021 on 23rd March 2021. • Paper titled " Hybrid Quantum - Classical AI based approach to solve the Traveling Tournament Problem" was published in International Journal of Computer Sciences and Engineering (IJSE) on 30th June 21, Vol. 9, Issue.6, 83-90, June 2021

Ms. PriyaKaul	• Paper titled "AR Smart Navigation System" submitted and accepted on at International ConferenceOf Emerging Technologies 2021, conference on 23rd May, 2021.
Ms. Sejal Chopra	• Submitted and presented a paper on "A realtime position monitoring system for fall detection and analysis using human pose estimation" in ICTNE-21.
Ms. Sana Shaikh	• Paper titled "Geographical Crime Rate Prediction System" submitted and accepted at IEEE INDISCON 2021. • Paper titled "TradeZilla Using Algorithmic Trading" submitted and accepted at IEEE INDISCON 2021 • Paper titled "Near real-time air pollution monitoring and analysis using cloud based GIS" submitted and accepted at DBIT Journalnof Science and Engineering
Dr. Phiroj	• Paper titled "Translation Using machine learning from English Speech to Devanagari Automated for You (T.U.E.S.D.A.Y)", was submitted at International Journal of Computer Applications, ISSN for IJCA Digital Library is 0975 – 8887 • Paper titled "Translation Using machine learning from English Speech to Devanagari Automated for You (T.U.E.S.D.A.Y)", was submitted at International Journal of Computer Applications, ISSN for IJCA Digital Library is 0975 – 8887
Ms. Ditty Varghese	• Paper titled 'ML- based Smart Shopping System with Reccipe Recommendation' was submitted and accepted at the 4th International Conference on Communication, Information and Computing Technology (ICCICT- 2021).
Ms. DeepaliKayande	• Paper titled "Assessing Industrial Readiness of Students By Leveraging Soft Skill Parameters" was submitted and accepted at International Conference of Emerging Technologies 2021, conference on 23rd May,2021. • Paper titled "CareBot : A Mental Health ChatBot", was submitted and accepted at International Conference of Emerging Technologies 2021,conference on 23rd May, 2021.
Ms. DiptiJadhav	• Paper titled "Impact of Technological Era on Mental Health of Men and Women" was presented and published at Auro Conference on gender bias on 8 March 21

Mechanical Engineering	
Mr. SandeepSabnis	• Published paper in the Proceedings of the ASME 2020 (International Mechanical Engineering Congress and Exposition) with Title "Dry Reforming of Biogas to Syngas – An Eco-friendly Renewable Fuel for IC Engines"
Mr. ShreeprasadManohar	• Research paper published "Review of enhancement of polymer for Mechanical extrusion process by combining with filler material", 2nd InternationalConference on recent Advances in Manufacturing (RAM-2021) • Research paper published " Generation of a 3D Printed Brain Model from MRI Scan Data to Assist in Brain Surgery using Open Source Tools," Asian Journal of Convergence in Technology.
Basic Science and Humanities	
Dr. VinodGokarna	• Submitted research Paper on "Bioavailability Enhancement of OlmesartanMedoxomil Using Hot-Melt Extrusion: In-Silico, In-Vitro, and In-Vivo Evaluation" in AAPS PharmSciTech (2020) 21:254, DOI: 10.1208/s12249-020-01780-3 and got published on 5th August 2020.
Dr. RevathySundarajan	• Published a research article ***Testing Mathematical Concepts of Undergraduate Engineering Students - Some ideas for stimulating higher order thinking skills*** in the proceedings of the NCERT's IXth National Conference on Mathematics Education NCME 2020 (Dec 2020)
Mrs. PallaviMahadik	• Presented a report on the Institution's best practices on P2BL in a mini Symposium on Problem and Project-Based Learning (P2BL) conducted by IUCEE from October 9 to October 10, 2021.

Research / Ph.D., Patent and Consultancy

Computer Engineering

Mr. Imran Ali	• Research proposal titled "Neural Joke Generation" guided byMr. Imran Ali was submitted to the 15th Research Convention Avishkar 2020-21(University of Mumbai) • Successfully completed PhD course work at Assam Don Bosco University.
Ms. Ditty Varghese	• Research proposal titled ' ML-based Smart Shopping System with Recipe recommendation and personalized indicator" guided by Ms. Ditty Varghese was Submitted to the 15th Research Convention Avishkar 2020-21(University of Mumbai).
Ms. DiptiJadhav	• Successfully completed PhD course work at Assam Don Bosco University. • Teacher coordinator for the 15th Research Convention Avishkar 2020-21(University of Mumbai).

Mechanical Engineering

Mr. B. S. Chavan	• Registered for PhD in the domain of Non-conventional Manufacturing for Non-Metals in IIT Bombay.
Dr. Y. S. Padiya	• A National patent was granted jointly with Dr M V Rane on "A condenser heat recovery Based distillation process and apparatus" • Received consultancy of Rs 1 lakh for designing 20 kl/day capacity of the zero liquid discharge system. • Carried out energy Audits at various industries.
Mr. ShreeprasadManohar	• Registered for PhD in the domain of 4 Dimensional Bioprinting Technology with topic of "4D printing of tissue engineered bone scaffold" from Assam Don Bosco University

JOURNAL PUBLICATION

Electronics and Tele communications Engineering

Mrs.PratibhaDumane, Dr. SatishChavan and Bilal Hungad	• "Dysarthria Detection Using Convolutional Neural Network". In: Pawar P.M., Balasubramaniam R., Ronge B.P., Salunkhe S.B., Vibhute A.S., Melinamath B. (eds) Techno-Societal 2020.Springer, Cham.https://doi.org/10.1007/978-3-030-69921-5_45
Madhavi S. Pednekar, Santosh Gupta, AdityaChaudhary, Elton Gras, Sidhharth Dube,	• "Facile Design and Development of Water Quality Sensors", Advance Science Engineering and Medicine, August 2020
Dr.SatishkumarChavan,PrafulHambarde, Sanjay Talbar, AbhishekMahajan, Meenakshi Thakur, Nilesh Sable	• "Prostate Lesion Segmentation in MR Images using Radiomics based Deeply Supervised U-Net," Biocybernetics and Biomedical Engineering, Elsevier, vol. 40, no. 4, pp. 1421-1435, September 2020. URL:https://doi.org/10.1016/j.bbe.2020.07.011.
Dr. AshwiniKotrashetti, B. K. Lande, A. Poddar,	• "FSS-based triplate antenna design concept for wireless devices",International Journal of Microwave and Wireless Technologies, pp. 1-10, April 20-21. doi:10.1017/S1759078721000623
Mrs.PratibhaDumane,.Samuel Jacob and MandarWarde	• "Impact of Augmented Reality as an ICT Tool to Deliver Engineering Education Content", published on IEEE Xplore. URL:https://ieeexplore.ieee.org/document/9318709
Dr.SatishkumarChavan,RishikeshTambe& Sanjay Talbar	• "Deep multi-feature learning architecture for water body segmentation from satellite images," Journal of Visual Communication and Image Representation, Elsevier, vol. 77,p.1031-1041,May2021.https://doi.org/10.1016/j.jvcir.2021.103141

CONFERENCE PAPERS

Ms.FredaCarvalho, AshwiniKotrashetti&RheaKotrashetti	• The Advent of Women: An Analysis Gender Bias & Inequality in STEAM Literary Narratives", accepted for publication in Proceedings of National Conference on 'Gender Bias in Technology', Auro University, Surat, March 8-9, 2021.
Ms.AparnaTelgote, DiptiJadhav, AnaghaShastri&DevyaniBalsara	• Presented a paper titled "Impact of Technology on Mental Health of Men and Women" accepted for publication in Proceedings of National Conference on 'Gender Bias in Technology', Auro University, Surat, March 8-9, 2021.
PoonamChakraborty,ShikhaTripathi, Vincent D'souza, IshaKubal and Christopher Sabu	• "Underwater Ultrasonic Communication" selected for presentation at IETE Mid Term Symposium in Emerging Trends in ICT & Electronics on April 30, 2021.

DBIT–AFFAIRS

IQAC Report

IQAC had organized FDP on 5 September 2020, since it is compulsory for all BE projects to be converted into papers, there is a need to train students in the art of paper writing. Multiple surveys were conducted to capture faculty and student perceptions about the quality of research work being carried out by the students. Based on the surveys the IQAC team had come up with some proposals that it seeks to implement. To address the same, Dr. S.S. Mande had presented the project undertaken by IQAC to improve the quality of research writing by the students.Followed by presentation of Dr. VinodGokarna on how to carry out research and write a paper.

As, IQAC had taken initiative to improve the quality of writing a technical paper, the literature survey summarization tool which was developed by IQAC team to assist the students to write a technical paper based on their final year project work. The outcome of this activity is each department is publishing "Technical Paper Magazine" every year. IQAC is in process to publish the paper on "How to improve quality of writing a technical paper"

On 5st Feb 2021, IQAC had conducted meeting to discuss initiatives to improve the NAAC score.On 1st March 2021, IQAC in collaboration with R and D committee had taken the initiative to design and conduct the course Research and Review for VII semester students. The activity had successfully completed and students had written the review paper as the outcome of this activity. IQAC had successfully submitted AQAR of AY- 19-20 on 28th May 2021.IQAC had taken initiative to map objectives of various institute committees on NAAC, NBA, ARIIA in order to improve the score for the same FDP had conducted on 16th June 2021.In order to fulfill this initiative IQAC had given following task to committee's .

- Studying NAAC / NIRF/NBA requirements and understanding all clauses
- Mapping of the committee activities with various sub-criteria
- List out long term (3 year) goals for the committee and short term objectives to be met with in 2021-22
- Plan activities to fulfill the objectives
- The processes to review all the above tasks are in progress.

On 23rd August 2021, IQAC had taken the initiative to prepare a plan of action for designing Moodle content as per students learning styles. (**Adaptive learning styles for LMS)**

FACULTY DEVELOPMENT PROGRAMME

| Sr.No.	Topic	Date	Mode
1	Standardisation of online teaching Preparation for new admissions Objective setting by faculty and departments-short term and long-term Objective setting by Committees Getting certified and encouraging students to do so	June 16,2021	Online Zoom
2	Financial Wellness & Retirement Planning	May 8, 2021	Online Zoom
3	Discussion on role of various committees in improving NAAC, NBA and NIRF score	May 15, 2021	Online Zoom
4	The New Education Policy, NEP This activity is done jointly with Don Bosco College	May 18, 2021	Online Zoom
5	Faculty Development Program on Interpersonal Skills	February 9 -13, 2021	Online Zoom
6	Presentation on understanding NIRF ranking Address by Executive Director	February 6, 2021	Online Zoom
7	Discussion on the new initiatives for the institute in the coming semesters	November 7, 2020	Online Zoom
8	Presentation by DR. Mande on the project undertaken by IQAC to improve the quality of research writing by the students	September 5, 2020	Online Zoom
9	FDP on Online teaching Practices SOP for online teaching		Online Zoom

ACADEMIC ADVISORY MEMBERS

Sr No	Department	Name Of AAC Members / Faculty Members	Name Of Organization With Designation
01	Mechanical Engineering	Dr. R. Balasubramaniam	Head, Precision M01achining Section, BARC, Mumbai
02		Dr. NeerajAgrawal	Associate Professor, Dept. of Mechanical Engg., DBATU, Lonere.
03		Dr. K. S. Murthy	Director, Coolflo Ltd, Goregaon (E), Mumbai
04		Mr.JiteshLaxmandasKaramchandani	Alumnus, DBIT
Electronics and Telcom			
05	Electronics and Telcom.	Dr. Nitin Kale	Chief Technology Nanosniff Technology Pvt. Ltd, Mumbai
06		Mr. MarwinCoutinho	Product Specialist- VNA & Test system Rohde & Schwarz India
Computer Engineering			
07	Computer Engineering	Mr. AtulGandre,	Global Technology Head IBM
08		Mr. SujeetkumarSinha	Sr. Technical Analyst Colgate Global Business Services Pvt. Ltd.
09		Mr. Thomas Lobo, Founder	CEO at Roots2Wings Training Solutions
10		Ms. MadhumitaChatterjee	Team Lead , Ernst & Young Ltd
Information Technology			
11	Information Technology	Abhinav Jain	Senior Manager, Software Development · Amazon Web Services (AWS), Vancouver, Canada
12		George Joseph	Technical Manager, Accenture, Bangalore

SYNCHRONY MEET

Synchrony, the annual Alumni meet of DBIT was organized on 19th June 2021 by the Alumni committee of DonBosco Institute of Technology. This meet was held with the objective of bringing together allalumnitosharetheirexperienceswitheachotherandtoprovideguidancetotherecentgraduates to explore the path of financial management.The event began with an introduction of the dignitaries and speakers by the Alumni Committee student coordinator Ms. ChryselleFernandes. The introduction was then followed by a prayer. Thedignitaries, Fr. Mario Vaz (Executive director, DBIT) (connection issue) and Dr. PrasannaNambiar (Principal, DBIT)thenaddressed the audience. Dr. PrasannaNambiar also explainedaboutthe initiatives thatare taken at DBIT to engage the alumni in various activities and how the alumni can be a part of various activities at the institute.

Ms Ditty Varghese, the convener of the alumni committee, put up a presentation showcasing the institute level and department level events/activities conducted by the Alumni committee in academic year 2020-2021. The session was then handed over to the eminent speakers for the day: Ms. PratibhaGirish and Mr. GirishGanaraj. The Personal Finance Management session began with a discussion on the result of the data collected from alumni and student regarding their knowledge of investments and saving. The questionnaire, circulated a few days before the event, aimed to measure the knowledge of the students and alumni on finance and related subjects and to give the speakers a deeper insight into the saving and spending habits of the alumni. Mr. Ganaraj and Ms. Pratibha mentioned that the contents of the Personal Finance Management session have been finalized after a close examination of the data received. MrGanaraj spoke about the importance of the knowledge of various assets and their liquidity. He spoke about how consistency in investing, coupled with the power of compounding can empower one to achieve their financial goals. He discussedthe why financial management had to begin the day an individual receives his/her first salary. She spoke up importance of savings and investing the savings in the correct assets. She provided deep insight into mutual funds and Systematic Investments in mutual funds. She went on to explain the estate laws in India. She further explained the benefits and disadvantages of educational loans along with the liquidity of NPS.
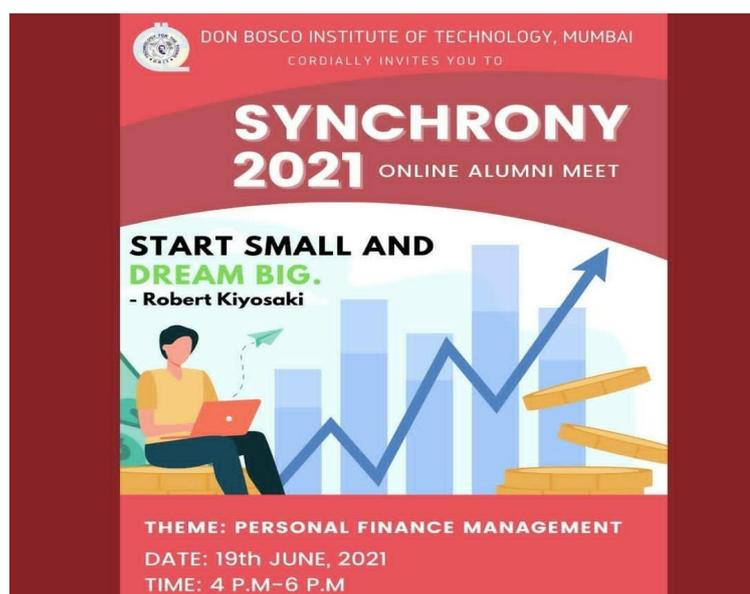
ALUMNI ENGAGEMENTS

Talk Shows

Sr No.	Event	Date and Time	Platform	Oranizer	Resource person
01	Class-Back The Alumni talk show	17th April 2021	YouTube and IGTV	Alumni Committee	Rohan Kamath (Batch of 2020 Mechanical)
		25th April 2021	YouTube and IGTV	Alumni Committee	Sammy Dsouza (Batch of 2015 Computers)
		2nd May 2021	YouTube and IGTV	Alumni Committee	Joyal Thomas (Batch of 2013 Mechanical)
		16th May 2021	YouTube and IGTV	Alumni Committee	Ryan Dsouza (Batch of 2015 IT)
		23 May 2021	YouTube and IGTV	Alumni Committee	Mr. Edlebert Fernandes(Mechanical 2012)
02	Talk on : "3D printing technology"	15th Feb. 2021	ZOOM	Alumni Committee (Mechanical department)	Mr, Siddhart Ghosh
03	Talk on: Higher Education	7th May 2021-	ZOOM and You Tube	Alumni Committee (Mechanical department)	Mr. Rohan Bajhal

Panel Discussion

Sr No.	Event	Date and Time	Platform	Oranizer	Resource person
01	Panel Discussion on Life Post Covid	14 June 2020	ZOOM	Alumni Committee (Computer department)	Mr. Dion George and Mr. Aarish Iyer

Webinars , Guest Lectures and Seminars

01	Webinar on Cloud Computing Insights- by Alumnus of Batch 2011	19th September 2021. 10;30 - 12;00 pm	ZOOM and YOU TUBE	Alumni Committee	Mr. Rivin Jose
02	Webinar on Language Acquisition with AI Agents in Immersive Environments	21st June 2020	ZOOM	Alumni Committee (Computer department)	Mr. Reyner D'souza
03	Webinar on Gain Momentum- Unlock your potential- -	21st June 2020	ZOOM	Alumni Committee (Computer department)	Mr. Reyner D'souza
04	Guest Lecture- Search Algorithm in AI	5th November 2020	ZOOM	Alumni Committee (Computer department)	Mr. Richard Joseph
05	Webinar- Journey as a Business Analyst	09th April 2021	ZOOM	Alumni Committee (Computer department)	Ms. Gladcy Nadar
07	Guest Lecture- Developer's Guide to ERP	19th April 2021	ZOOM	Alumni Committee (Computer department)	Mr.. Reuben Mathew
08	Teknack 2021 (ACM) Jury	24th April 2021	ZOOM	Alumni Committee (Computer department)	Mr. Sean Dcruz and Mr. Sagar Chanchal
09	on Skills for an Antenna and Microwave Design Engineer (IEEE-MTTS)	06th August 2020	ZOOM and You Tube	Alumni Committee (EXTC department)	Dr. Tom Sebastian
10	How a Chip is Made: Conceptualization to Production	07th August 2020	ZOOM and You Tube	Alumni Committee (EXTC department)	Mr. Hussain Neralwala
11	Consulting Career path with an Engineering Background	August 25, 2020	ZOOM and You Tube	Alumni Committee (EXTC department)	Dr.TejasPawar
12	Webinar on Modern Trends in RF/Microwave (IEEE-MTTS)-	August 26, 2020	ZOOM and You Tube	Alumni Committee (EXTC department)	Mr. Alan Pereira

13	Financial Independence through Financial Planning for Youngsters	August 28, 2020	ZOOM and You Tube	Alumni Committee (EXTC department)	Mr. Abhinandan Honale
14	Product Development and Engineering Design as a Career (IEEE)	April 12, 2021	ZOOM and You Tube	Alumni Committee (EXTC department)	Mr. Gaurav Pednekar
15	An Insight into Life After DBIT (IEEE-WIE)	April 13, 2021-	ZOOM and You Tube	Alumni Committee (EXTC department)	Ms. Lakshmi Prasad
16	Guest Leccture on 'RFIC Cascode Topology Low Noise Amplifier Design'		ZOOM and You Tube	Alumni Committee (EXTC department)	Ms. Mansi Bandekar
17	Guest Lecture - Guidance on Placement in Core Companies		ZOOM and You Tube	Alumni Committee (EXTC department)	Mr. Akhil Pathak
18	Seminar on developing the ability of creative thinking and lateral thinking	22nd April 2021	ZOOM and You Tube	Alumni Committee (IT department)	Mr. Yorrick Creado
19	Alumni Interaction based on BE project and tips for placement	16th April, 2021	ZOOM and You Tube	Alumni Committee (IT department)	Ms. Neha Mishra
20	Guest lecture in the subject of " Data Mining and Business Intelligence" (DMBI) for TE-IT	8 May 2021	ZOOM	Alumni Committee (IT department)	Mr. James Baby

Parents Teachers Meet

Sr No.	Department	Date and Platform	Details of the Meeting
01	Computer Engineering	20 th April 2021 Online Meeting conducted on Zoom	class teachers summarized the entire discussions and parents were asked to provide feedback regarding the department's overall process and also asked to suggest points of improvement for the same.
02	Information Technology		The difficulties in the online teaching-learning process from students' and teachers' end were discussed in brief.
03	Electronics and Telecommunication	-	-
04	Mechanical Engineering	27 th March 2021	The points IA-1marks, Class attendance any financial difficulties of the and students. Schedule, were discussed and then Q&A session with parents was conducted.

Counseling and Mentoring

Counselling Department

After the few initial hiccups, the counselling department took up the work with ease and comfort.

The important work that the department did in this annual year is working for the mentoring process. Before the meetings with the staff members began, there were meetings and discussions between the counsellors over the mentoring process. There were meetings with all the mentors of each departments and the counsellors where they were the topics discussed were:

- Orienting them to the mentoring process that was supposed to be online
- identifying students who needed help
- motivating them to do the mentoring with dedication

There was also a meeting organised with the mentors to understand the problems the students were facing with the classes online and it was decided that the counsellors would speak to the students to help them deal with the issues.

On 26th October 2020, meeting between the 2 counsellors had taken place to discuss regarding the workshops with students. The classes were divided between the 2 counsellors. The topics that were covered in the workshop were:

- how to study online
- ethics and values
- making the best of the time available
- dealing with stress and anxiety
- dealing with family issues when at home
- maintaining friendships
- keeping a healthy mind and body during the times of pandemic

These meetings were organised on 28th October 2020, 29th October 2020, 3rd November 2020, 19th November 2020 and 20th November 2020.

On 16th January 2021, meeting with the mentors was taken to frame the SOPs for the first year Engineering students. Another meeting with the faculty mentors was taken on 17th January 2021. On 19th January 2021, session with the peer mentors was taken where they were oriented to the process of mentoring, understanding their roles, maintaining a boundary, some rules and regulations and skills needed for the process of mentoring. On 8thFebruary 2021, meeting with the peer mentors was taken to discuss their do's and don'ts.

Individual counselling sessions were taken with the students all throughout the year through the online platform. About 5 students from the counselling department had approached and multiple sessions were undertaken during the year to help them.

MENTORING COMMITTEE

The mentoring committee constitutes faculty members from all departments and they coordinate the mentoring activities of the respective departments. The committee meets regularly each semester to discuss the specific and common issues faced. The counsellors and the campus minister help to sort out issues and also continuously educate the faculties about mentoring and help to keep alive the objective of the mentorship program which are:

- To understand students' aspirations and aptitude
- To follow up on the students' academics and attendance
- To help students identify support systems for their academic progress and mental well-being so that they excel as engineers

Action Plan:

- The mentorship program begins from the first year of engineering and continues till the students graduate. A mentee is allotted the same mentor from the second year to the final year.
- For the FE students of 2020-21 batch, peer mentors, apart from the faculty mentors were assigned for the mentees. Guidelines were given by the counsellors and campus minister to the peer mentors regarding how they should go about mentoring their juniors
- All peer and faculty mentors meet with their mentees at least twice each semester and submit a report of their meetings to the mentoring incharge of the respective departments.
- Feedback from mentees is taken at the end of each semester

As the new semester in July 2020 began during the lockdown period, the mentoring committee arranged counsellors' sessions for faculty mentors of all departments on the following days:

> - IT department - July 22, 2020
> - EXTC department - July 24, 2020
> - COMP department - July 27, 2020
> - MECH department - July 29, 2022

The counsellors gave useful tips on how to conduct mentoring sessions online. These inputs went a long way in making the online mentoring a   smooth affair. Going by the feedback of the mentees, it is heartwarming   to note that mentees appreciated the efforts put in by the mentors and they also opened up about the difficulties faced during this unusual situation:

The counsellors also addressed all the SE, TE and BE students - brachwise, classwise during October and November months and gave inputs about online professional conduct and some glimpses of cyber laws

Due to the mentoring process, the mentors were able to detect some typical problems (especially financial) faced by the students due to the pandemic and suggest professional help through the counselors' A considerable number of mentors were able to meet with their mentees twice this semester

For the F.E. students, Fr. Nelson, the Campus Minister and the Counsellors Ms. Amrita Achrekar and Ms. KuntalDoshi introduced the mentoring process – what is mentoring and why is it important – to the FE students during an orientation programme on Tuesday, February 9, 2021. Two senior students also spoke about how mentoring and counselling were beneficial to them.

To make sure that the mentoring goes on well and also to keep track, the Faculty mentors were asked to submit reports of their (i) initial meetings (in groups) with the mentees and (ii) one to one meetings and topics of discussion.

The Peer mentors were asked to submit reports (through Google form) of their one to one meetings with their mentees – they had to fill separate Google forms for each of their mentees.

Mentees, through their feedback, were very appreciative of the mentoring process and also welcomed peer mentoring.

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 acdemic year 2020-21

LIST OF EVENTS

SR No.	Event Details	Date Of the Event	Organizer	Resource person
01	Entrepreneurship Development Programme	05 to 10th August 2020	DBIT NSS unit and DBC NSS Unit (05 Day)	Mr.RoyalD'souz, Mr. Amar Prabhu, Mrs.Vandana Joshi, Mr.Laxmikant Malvatkar, Mr.Arvind Navgire, Mr.Harmik Singh Mr.Ashtad Kohinoor.
02	Webinar on COVID 19Relief and Rehabilitation: How Engineering can Rise to the challenges posed	15 June, 2020	NSS Unit of DBIT and DBIT EXTC IEEE and IETE chapte	Fr.Anacalate D'mello, Director - BSVS Jawahar Dr. Sangeeta Hasnale, Assistant Municipal Commissioner - Planning and Assessment Dept., MCGM, Mumbai Mr, Mackenzy Dabre, Consultant – YUVA Organization, Mumbai & General Secretary of National Hawkers Federation Mr, LakshmikantMalvatkar, Managing Director- Sakhi Social Enterprise & Network Latur.
03	Webinar on Importance of Skill and Entrepreneurship Programs- Towards Better Livelihood	30th June 2020 11am to 12:30pm	NSS cell of Mumbai University and NSS unit of Don Bosco Institute of Technology, Kurla Mumbai	Mr AmarrPrabhu, the Principal of Don Bosco Industrial Training Institute, Kurla, Mumbai. Mr Vivek Sinare Mr Sudhir Puranik, the Director of NSS Mumbai University
04	Webinar on Career Guidance and Admission process	19th July 2020 11:00 am-1:00pm	NSS Unit of DBIT	Mr. Amarr Prabhu, Principal SJITI, DDCL, Kurla

05	Entrepreneurship Development Programme	17th August to 21 August 2020 2:00 to 4:00pm	The outreach cell of DBIT in association with Sakhya, women guidance cell.	Mr.Royal D'souz, Mr. Amar Prabhu, Mrs.Vandana Joshi, Mr.Laxmikant Malvatkar,
06	YaR MUSKAN Ration Distribution	29th and 30th August and 2nd September 2020	The Young at Risk (YaR) Ministry and outreach cell of Don Bosco Centre for learning	

Outreach activities:

In June 2021, a few faculty members of DBIT organized a Moodle workshop for the staff and faculty of Holy Family Institute Of Nursing Education so that they can make use of the Moodle platform to make the online teaching and learning process smoother and easier for their students.

STUDENT CHAPTERS AND CLUBS

ACM DBIT:

ACM DBIT organized various webinars, group discussions, quizzes, workshops, fun events, etc. for the students throughout the semester. The main objective is to foster and inculcate the value of life-long learning by promoting and developing skill sets of students in various domains to meet Industry 4.0 needs. ACM DBIT finished the first industry project- "The Botanist" way before the deadline as well as the flagship event "Teknack" which achieved a great success.

The modern world demands innovative, driven and intelligent minds. ACM DBITs initiative "Flockflair" is one such platform where we take industrial projects. The Flockflair team collaborates with various companies to build projects for them. These projects are offered as an internship program for college students both from DBIT and elsewhere. One such project was the app "The Botanist" developed for Eosphorus Media lead by Rahul Pudurkar along with his teammates Sanjo Sunny, SanikaDeshmukh, YashBitla and DevangDoshi .The Botanist was created to cater to the needs of NEET aspirants and help them in their preparation .The app is successfully published on Playstore. As we always say "You name it, We make it".

Journey of Teknack 2021.

November 17 2020	Teknack Induction Meetinsg
Nov 18 - 25 2020	Idea Submission
November 28 2020	Mentors Meeting
November 29 2020	Unity Training Session
Nov 30 - Feb 28 2021	Game Development
February 28 2021	Final Day to Submit the APK of Games
March 1 - 7 2021	Google Play Store Details Submission
March 7 2021	Declaring Award Categories
March 8 - 10 2021	Publishing games on Google Play Store
March 9 - 14 2021	Games released on Google Play Store
March 23 - April 5 2021	Social Media Publicity of Games
April 5 - 8 2021	Valorant Gaming Tournament
April 7 2021	Housie Night
April 7 2021	Murder Mystery Treasure Hunt
April 24 2021	Teknack Final Event

IEEE DBIT

Webinars		
Name of the event	**Date and Time**	**Resource person**
"Emerging Trends Post COVID-19"	May 16, 2020	Mr. GanapathyVenkatachalam
"Physics & Engineering"	May 21, 2020	Dr. SatyanarayanaBheesette
"Critical Media Literacy"	May 27, 2020	Mr.SagarGangurde
"Career Options and Opportunities for B.E. graduates"	August 11, 2020	Mr. Renjith C.V.
"Consulting Career Path with an Engineering Background"	August 25, 2020	Dr.TejasPawar
"Women in Engineering"	September 5, 2020	Ms. AnupamaKulkarni
Competitions		
Technical Quiz on "IoT and AI"	December 8, 2020	
Technical Quiz on "Proteus and Arduino"	May 8, 2020	
Poster Making Competition under Oscillations-2021	February 27, 2021	

POSTER MAKING COMPETITION

Amar Pal
VESIT

Harshal Rajesh Rathod
DBIT

Ankit K Shrivastava
TMV
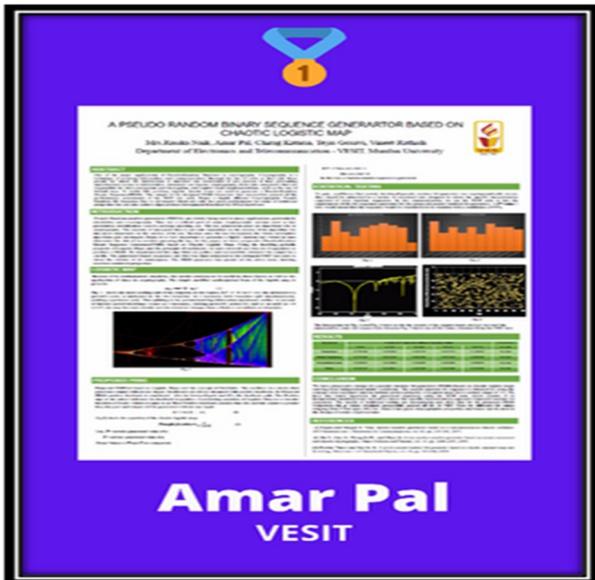
CSI Activities

DON BOSCO INSTITUTE OF TECHNOLOGY
MUMBAI
DEPARTMENT OF INFORMATION TECHNOLOGY

CSI PRESENTS
WEBINAR ON

MATHEMATICS FOR ARTIFICIAL INTELLIGENCE

Optimization using: Calculus, Linear Algebra, Probability and Statistics.

Webinar by:

DR. REVATHY SUNDARARAJAN
Associate Professor, DBIT
Area of specialization:
Probability and Stochastic Processes

DATE: JUNE 25, 2020
TIME: 4PM

Contact:
Faculty Coordinator
Uday Nayak: 9892820095

Student Coordinator
Kunal Pingale: 98195 08284

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
CSI PRESENTS

RELIVING THE DREAM JOURNEY WITH JATIN MALHOTRA
DR. APJ ABDUL KALAM AWARDEE

Awarded by Dr. APJ Abdul Kalam for his brilliant work in:
Evangelizing technology and spreading digital literacy among the underprivileged in the country
and
For working in founding of BookMyCause platform which aggregates NGO's.

Jio — Program Manager Reliance Jio
Facebook — Program Manager Facebook
Google — Community Manager Google
ORACLE — Software Engineer Oracle

DATE: 5TH JULY | TIME: 4 PM

Contact:
Faculty Coordinator
Uday Nayak: 98928 20095

Student Coordinator
Kunal Pingale: 98195 08284

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
CSI PRESENTS

DATA ANALYTICS IN INTERNET OF THINGS (IoTs)

18TH JULY
11 AM

Webinar by
Dr. Amiya Kumar Tripathy
Professor, Computer Engineering, DBIT, Mumbai, India.
Adj. Professor, School of Science, ECU, Perth, Australia.
Research Mentor, Smart Farming Project, RMUIT Bangkok, Thailand.
Former Member Secretary for Geospatial Technologies, RUSA Maharashtra.
22 Years in Industry, Research and Academics

Contact:
Faculty Coordinator
Uday Nayak: 98928 20095

Student Coordinator
Kunal Pingale: 98195 08284

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
CSI PRESENTS

CYBER SECURITY AND ETHICAL HACKING

10TH JULY
04 PM

WEBINAR BY
MR. SACHIN DEDHIA

Certified international trainer in cyber security and digital forensics

IT security expert for various MNC's, SME's, Government departments, corporate and individuals

Founded Skynet Secure Solutions
Among top 25 cyber security companies

Contact:
Faculty Coordinator
Uday Nayak: 98928 20095

Student Coordinator
Kunal Pingale: 98195 08284

# Cultural Club
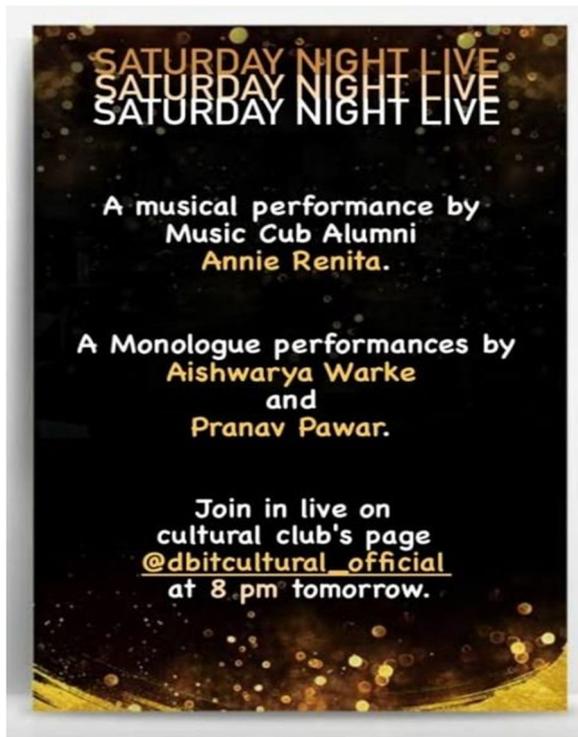
Workshop

ISHRAE

This year, ISHRAE DBIT Chapter Working Committee was led by President Ms. Sheena Fernandes In Spite of Covid 19 pandemic and the nationwide lockdown ISHARE conducted various webinars and online workshops in which students of DBIT actively participated Mr. AnjishnuDatta bagged the first place in the intercollegiate refrigeration day quiz conducted by ISHARE Thane Chapter and Mr. Saurabh Yadav was declared winner of the best science experiment in science Mela. ISHARE DBIT had organized Fun- Dynamic Quiz , Science/ HVAC quiz competition and paint your perspective – a digital online poster making competition . The CWC organized a K12 activity and "Tips and Tricks for Maths and Science" was conducted by ISHARE DBIT student chapter .

Literary Club:

Sports :
DBIT Gaming Week

Editorial Team

Mr. Sachin Sugave
Content Director
ASSISTANT PROFESSOR,
PROFESSIONAL COMMUNICATION
AND SOFT SKILLS

Ms. Devyani Balasra
Content Director
ASSISTANT PROFESSOR,
PROFESSIONAL COMMUNICATION
AND SOFT SKILLS

Ms. Minal Vaidya
Content Compiler
NON-TEACHING STAFF MEMBER

Mrs. Dixita Yadav
Design Director
LITSOC CORE TEAM

Mr. Kevin Geejo
Design Director
LITSOC CORE TEAM