



# DON BOSCO INSTITUTE OF TECHNOLOGY

KURLA, MUMBAI

# FE NEWSLETTER

A Newsletter for the Basic Science and Humanities Department



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# FROM THE HOD'S DESK

It gives me immense pleasure to release the second edition of the newsletter for the Department of Basic Science and Humanities. I am pleased to announce that despite a global pandemic and a very bustling semester, we have been able to successfully conduct our online and offline classes for the AY- 2021-22. I have a long list of updates to share with respect to the department activities, staff, and student achievements, etc.



During the pandemic, the department has successfully organized online lectures for the first semester and offline lectures for the second semester for the First Year Engineering students.

The classes during the first semester were conducted on online platforms such as Zoom and Google Meet. In addition, internal assessments, project work evaluations, and technical seminars, all happened using similar platforms. During this period we conducted online parent-teacher meets, the faculty attended various workshops, FDP's, webinars, and have taken up online certification courses as well as delivered online webinars to our students. Members of our non-teaching staff have also taken up a few online certificate courses.

Since the second semester was offline, the switch was challenging for students as well as teachers. Yet with everyone's collective efforts it was successfully completed. It also gave us an opportunity to focus on aspects such as outdoor activities that were difficult to tackle during online mode.

I hope that you find this newsletter informative and enjoyable and that it serves as a treasured memory for our students to look back onto. Last but not least, I would like to say that we at DBIT will always be here to impart knowledge and fulfill dreams, one must never stop learning because life does not stop teaching.

With best wishes,  
**Dr. Vinod Shridhar Gokarna**  
**Head, Department of Basic Sciences and Humanities.**

# MEET OUR FACULTY

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## Dr. Vinod Shridhar Gokarna

-Head of Department

Ph.D (Physics), M.Sc. (Physics)

**Experience:** Teaching: 8 years & Industry/Research: 12 years

Publication: 6

**Area of Interest:** Structure property relationships of Polymer composite and nanocomposites, Crystallisation kinetics of Polymer / Polymer composites, evaluation of drug delivery using Hot Melt Extrusion, Assessment of Colour and Colour backgrounds.



## Dr. Revathy Sundararajan

-Associate Professor

Ph.D (Mathematics)

**Experience:** Teaching: 30 years & Industry/Research: 23 years

Publication: 8

**Area of Interest:** Probability, Statistics, Stochastic Processes



## Ms. Kartiki Bhave

-Assistant Professor

M.Sc. (Organic Chemistry), B.Ed. PGDME

**Experience:** Teaching: 16 years & Industry/Research: 1 year

Publication: 2

**Area of Interest:** Material Science





## Mr. Sameer Hadkar

-Assistant Professor  
M.Sc. (Physics)

**Experience:** Teaching: 16 years & Industry/Research: 4 years

**Area of Interest:** Nanotechnology, Liquid Crystal

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## Ms. Pallavi Rahul Mahadik

-Assistant Professor  
M.Sc. (Pure Mathematics), NET

**Experience:** Teaching: 10 years & Industry/Research: 1 year

**Area of Interest:** Analysis, Calculus



## Mr. Satyanarayana Nagula

-Assistant Professor  
M.Sc. (Pure Mathematics), NET JRF with AIR 31

**Experience:** Teaching: 8 years

**Area of Interest:** Linear Algebra, Analysis

## Ms. Manisha Dinesh Seksaria

**-Assistant Professor**  
M.Sc in Mathematics, SET

**Experience:** Teaching: 4 years

**Area of Interest:** Algebra, Topology



## Mr. Sachin Sugave

**-Assistant Professor**  
M.A. (English Literature), SET, B.Ed.

**Experience:** Teaching: 14 years

**Area of Interest:** Literature in Translation

## Mr. Dipak Jadhav

**-Assistant Professor**  
M.A. (English Literature), M. Phil., SET

**Experience:** Teaching: 4 years

Publication: 4

**Area of Interest:** Gender Studies



# PARENT - TEACHER MEETINGS

## SEM - I

Class	Date, Time, Venue	No. of Parents	Points Discussed
DIV A	5th February 2022 9:00 - 10:30 AM Zoom	49	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. More meetings with faculty</li> <li>2. Requested for an offline meeting</li> </ol>
DIV B	5th February 2022 9:00 - 10:30 AM Zoom	47	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. Inquired about practicals</li> <li>2. Discussion about certain subjects</li> </ol>
DIV C	5th February 2022 9:00 - 10:30 AM Zoom	43	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. Pattern of M.U. papers</li> <li>2. Discussion of student performance</li> </ol>

## SEM - II

<b>Class</b>	<b>Date, Time, Venue</b>	<b>No. of Parents</b>	<b>Points Discussed</b>
COMPS	20th May 2022 3-5 PM COMPS CR-01	8	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. Regular feedbacks on the ward</li> </ol>
IT	20th May 2022 3-5 PM IT CR-01	23	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. Inquired about the viva</li> </ol>
EXTC	20th May 2022 3-5 PM EXTC CR-01	8	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. Discussion on exam formats</li> </ol>
MECH	20th May 2022 3-5 PM MECH CR-01	26	<p><b>Objective:</b> Notify parents about their ward regarding the IA result and attendance.</p> <p><b>Suggestions/Feedback by Parents:</b></p> <ol style="list-style-type: none"> <li>1. Inquired about term work</li> </ol>

# FACULTY ACHIEVEMENTS

Sr No	Faculty Name	Achievements
1.	Dr. Vinod Gokarna	<p>1) Submitted research Paper on "Bioavailability Enhancement of Olmesartan Medoxomil 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.</p> <p>2) Invited as a resource person for delivering talk and taking laboratory session at The Dept. of Physics of R.D. &amp; S.H.National college &amp; 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 to 29th Feb 2020.</p> <p>3) Member of Departmental IQAC at Department of Physics, Institute of Chemical Technology, Matunga, Mumbai.</p> <p>4 ) Attended National Webinar on Recent Trends in Material Science and Training on Related Software tools' during June 1-3, 2020 organized by the Department of Physics, Stella Maris College (Autonomous), Chennai, Tamil Nadu, India.</p> <p>5) Successfully completed One week National Faculty Development Program and Online Training on 'Moodle Learning Management System' organized by KJ. Somaiya Institute of Engineering and Information Technology in association with Spoken Tutorial Project, IIT Bombay from 26th -30th May 2020.</p> <p>6) Attended National Level Webinar on Role of Review of Related Literature in the Research organized by Gajananrao Pandurang Patil College of Arts &amp; Sci(IT) &amp; IQAC in association with MUCTA on 15th May 2020.</p> <p>7) Attended National webinar on Patent Filing, Publications &amp; Commercialization, Organized by FX IPR Cell and jointly organized by Department of Mechanical Engineering &amp; Electronics and Communication Engineering in association with Institution's Innovation Council of Francis Xavier Engineering College, Tirunelveli on 02-06-2020.</p> <p>8) Attended two days webinar on "Startup Lifecycle and Patent Registration" jointly organised by ACE Innovation Cell, IPR Cell, ACE Institution Innovation Council- MHRD, ACE- Incubation Center- MSME, IEDC-DST, ACE Ember Ecell NEN, Atharva College of Engineering held on 18th - 19th May 2020.</p> <p>9) Received certificate on completion online Faculty Program on NBA on 12/05/2020, organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai-400614.</p> <p>10) Participated in the National web conference on "GREEN CATALYSIS AND MATERIAL CHEMISTRY" organized by Internal Quality Assurance Cell &amp; Department of Chemistry of Anandibai Pradan Science college Nagothane, Tal. Roha, Dist-Raigad held on 27th May 2020 via ZOOM video Communication.</p> <p>11) Participated in the webinar on "Intellectual Property Management" in association with Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur -440001, DPIIT, Ministry of Commerce &amp; Industry – Govt. of India organized by R.D. &amp; S.H.National college &amp; S.W.A. Science College under aegis of IQAC, held on 23/06/2020.</p> <p>12) Interviewer /Evaluator for Action Research for Dr. Homi Bhabha Bal Vaidyanik competition 2020-21 held online from 8.30 a.m. to 4.30 p.m. on Sunday 16th May 2021.</p>
2.	Dr. Revathy Sundarajan	<p>Completed a One week National Faculty Development Program and Online Training on SCILAB from April 21 to 25, 2020 organized by KJ. Somaiya Institute of Engineering and Information Technology in association with Spoken Tutorial Project, IIT Bombay .</p> <p>Gave an expert talk (webinar) on <b>Mathematics for Artificial Intelligence</b> June 25, 2020, Organized by CSI, DBIT</p> <p>Completed a course - <b>Practical Time Series Analysis (Course era)</b> in June 2020 from The State University of Newyork</p> <p>Completed a Course <b>Foundations of Data Science</b> in Feb 2021 (22 weeks course) from PADHAI, IIT Madras</p> <p>Reviewer of the syllabus for the subjects Mathematics I, Mathematics II and Computing and Higher Mathematics for MIT Academy of Engineering, Alandi, Pune</p> <p>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)</p> <p>Completed an Online PBL course - An introductory course on Problem Based Learning in Higher Education in June 2021 conducted by the Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability, Denmark under the auspices of UNESCO.</p>

Sr No	Faculty Name	Achievements
3.	Mrs. Pallavi Mahadik	<p>1. Completed a One week National Faculty Development Program and Online Training on SCILAB from April 21 to 25, 202 organized by KJ. Somaiya Institute of Engineering and Information Technology in association with Spoken Tutorial Project, IIT Bombay .</p> <p>2. Completed a course- Differential Equations for Engineers in August 2020 from the University of California, Santa Cruz.</p> <p>3. Completed a course-Mathematics for Machine Learning: Linear Algebra in June 2020 from the University of California, Santa Cruz..</p> <p>4. 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.</p> <p>5. Completed a course Statistical foundations of data science and machine learning in October 2021 from Institute of Chemical Technology, Mumbai.</p>
4	Mr. Satyanarayana Nagula	<p>1. Completed a course - Mathematics for Machine Learning: Linear Algebra in June 2020 from Imperial College London.</p> <p>2. Completed a course - Programming for Everybody (Getting Started with Python) in June 2020 from University of Michigan.</p> <p>3. Completed a course - Mathematical Thinking in Computer Science in June 2020 from University of California San Diego and HSEUniversity.</p> <p>4. Completed an Online PBL course – An introductory course on Problem Based Learning in Higher Education in June 2021 conducted by the Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability, Denmark under the auspices of UNESCO.</p>
5	Ms. Devyani Balasra	<p>1. Invited as a judge for an institute level Elocution Competition conducted by DBCL, Mumbai in February 2021.</p> <p>2. Invited as a judge for a content Writing Competition conducted by IEEE Dbit in collaboration with IEEE Bombay Section in April 2021</p>
6.	Mr. Sanjay T.	<p>Seven-Day National Quality Enrichment Program For Non-Teaching Staff organised by K J SOMAIYA COLLEGE OF ARTS AND COMMERCE, MUMBAI IQAC (Internal Quality Assurance Cell) under UGC- Paramarsh Scheme from 24 May, 2021 to 31 May, 2021.</p> <p>Completed 3 days online short term training programme on Latex For Everyone organised by department of Engg. Sciences, Ramrao Aadik Institute of Technology, Nerul,navi Mumbai , from 18-20June 2020</p>
7.	Mr. Hrishikesh P.	<p>Seven-Day National Quality Enrichment Program For Non-Teaching Staff organised by K J SOMAIYA COLLEGE OF ARTS AND COMMERCE, MUMBAI IQAC (Internal Quality Assurance Cell) under UGC- Paramarsh Scheme from 24 May, 2021 to 31 May, 2021.</p> <p>Completed 3 days online short term training programme on Latex For Everyone organised by department of Engg. Sciences, Ramrao Aadik Institute of Technology, Nerul,navi Mumbai , from 18-20June 2020</p>

# THREE-TRACK PROGRAM

## REPORT ON THREE-TRACK PROGRAM AY 2021-22

The BSH (FE) department through its objective had proposed Wellness VAC with the intention of the overall development of the students. 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. In SEM 1 under 3 track program the following activities were conducted by **Literary club** and **Math Club**.

During the FE student orientation Math club had conducted the calculator workshop. The events conducted by Literary club are as follow:

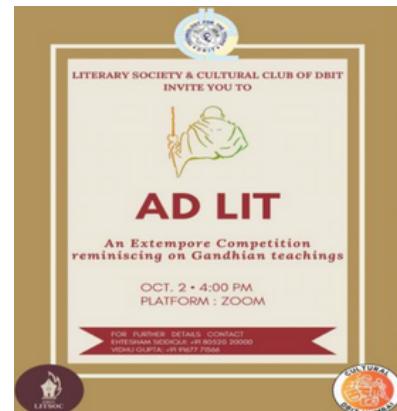
Sr. No.	Event Name	Event Description	Date
1	Lit-Trail	A game to introduce students to the various domains that LitSoc works upon	16th September, 2021
2	Ad-Lit	An extempore speech workshop cum competition. Guest Speaker - Kevin Corriea	2nd October, 2021
3	Comm-Peer	A series of peer learning sessions based on Communication	20th November, 2021 - 27th February, 2022
4	Just A Minute (J.A.M.)	An ice breaker session for F.E. students in which they have to voice their opinion on the given topic for a minute	5th February, 2022
5	Lit-Day Puzzle (Extra)	A weekly quiz based on grammar	7th February, 2022
6	Public Speaking for Newbies	A workshop to teach the basics of public speaking	12th February, 2022
7	Parley : A Debate Workshop Series	A workshop to teach the basics of the art of debating. Guest Speakers - Hansel, Kevin	26th March, 2022
8	Peer Learning for F.E. Students	A 3-part peer learning session for First Year students to help them with writing offline exams	4th June, 2022 - 11th June, 2022

The total duration of the sessions conducted was about 16 hours.

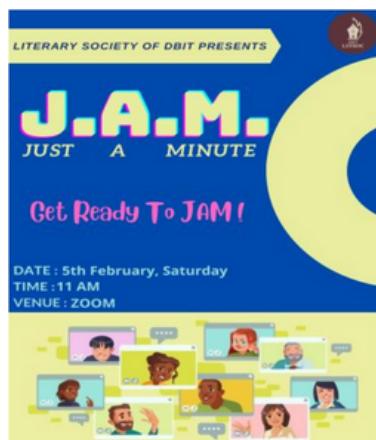
## Posters:



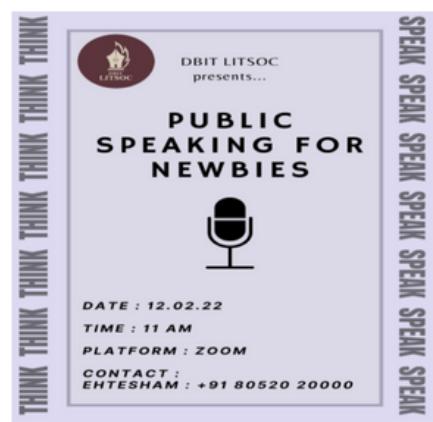
*Lit-Trail Poster*



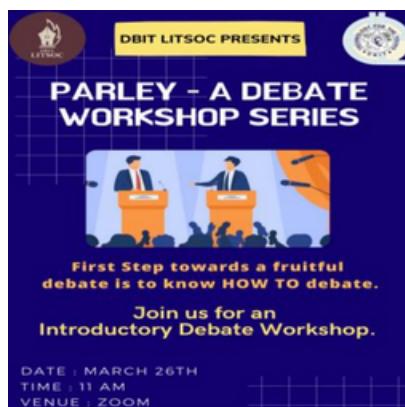
*Ad Lit Poster*



*J.A.M. Poster*



*Public Speaking for Newbies Poster*



*Parley Poster*



*Comm-Peer Poster*



In Sem 2 under the 3 track program Value added course “Wellness – The First Choice” was conducted. Through the recurring lectures, the BSH department aimed to compliment the academic syllabus with extremely practical knowledge that can equip students with skillsets widely sought by the Industry. The three-track programme has been successfully implemented in the First Year Engineering level since academic year 2020-2021. The following lectures were organized by the BSH department for the Wellness course:

 <b>Don Bosco Institute of Technology (Engg. College)</b> Kurla (w), Mumbai – 400 070						
<b>First Year DBIT ( Basic Sciences and Humanities Department) –Academic Year – 2021-22 – Sem-II</b>						
<b>Wellness – The First Choice - Value Added Course</b>						
Date	Day	Branch	Faculty Name	Topic Name	Venue	Duration (Hrs)
01-04-22	Friday	EXTC	Prof. Kartiki Bhave	Diet & Nutrition	EXT-CR-1	2
08-04-22	Friday	COMP	Prof. Kartiki Bhave	Diet & Nutrition	COMP.-CR-1	2
21-04-22	Thursday	MECH + Comp.	Prof. Pratibha Dumane	Future Fit	Seminar Hall	2
		IT	Prof. Kartiki Bhave	Diet & Nutrition	IT-CR-1	2
22-04-22	Friday	IT + EXTC	Dr. Revathy S.	Time Management	Seminar Hall	2
		MECH	Prof. Kartiki Bhave	Diet & Nutrition	Mech-CR1	2
28-04-22	Thursday	IT + EXTC	Prof. Pratibha Dumane	Future Fit	Seminar Hall	2
		MECH + Comp.	Dr. Revathy S.	Time Management	Fr. Mondini Hall	2
29-04-22	Friday	All Branch	Ms. Pooja Gupta	Yoga and Meditation	Fr. Mondini Hall	2
06-05-22	Friday	EXTC+MECH	Fr. McEnore Lopes , sdb	Don Bosco Way	Fr. Mondini Hall	2
06-05-22	Friday	All Branch		FE Special Program	Fr. Mondini Hall	2
12-05-22	Thursday	MECH + Comp.	Dr. Prasanna Nambiar	Ethics in Technology	Seminar Hall	2
		IT	Fr. McEnore Lopes , sdb	Don Bosco Way	Fr. Mondini Hall	2
13-05-22	Friday	MECH + Comp.	Prof. Gejo	Team Building	Seminar Hall	2
		IT + EXTC	Mr. Royal D. ( NSS Co ordinator)	NSS	Fr. Mondini Hall	2
19-05-22	Thursday	IT + EXTC	Prof. Gejo	Team Building	Seminar Hall	2



## Wellness – The First Choice - Value Added Course

Date	Day	Branch	Faculty Name	Topic Name	Venue	Duration (Hrs)
19-05-22	Thursday	COMP.	Fr. McEnore Lopes , sdb	Don Bosco Way	Fr. Mondini Hall	2
26-05-22	Thursday	IT + EXTC+ MECH + Comp	Fr. McEnore Lopes , sdb	Outdoor activity	Football Ground	2
27-05-22	Friday	IT + EXTC+ MECH + Comp	Fr. McEnore Lopes , sdb	Outdoor activity	Football Ground	2
02-06-22	Friday	IT + EXTC	Prof. Manisha S.	Problem-solving	Seminar Hall	2
		MECH + Comp.	Prof. Satyanarayan N.		Fr. Mondini Hall	2
03-06-22	Friday	IT + EXTC	Prof. Pallvi M.	Problem-solving	Seminar Hall	2
		MECH + Comp.	Dr. Revathy S.		Fr. Mondini Hall	2
08-06-22	Wednesday	Comp.	Mr. Royal D. (NSS Co coordinator)	NSS	COMP.-CR-1	2
09-06-22	Thursday	IT + EXTC	Dr. Prasanna Nambiar	Ethics in Technology	Seminar Hall	2
10-06-22	Friday	MECH	Mr. Royal D. (NSS Co coordinator)	NSS	Mech-CR1	2
22-07-2022	Friday	IT + EXTC+ MECH + Comp	Mr. Royal D. (NSS Co coordinator)	Youth Adventure and being with nature	Don Bosco Sanstha Karjat.	6

ALL THE SESSIONS HAVE BEEN CONDUCTED SUCCESSFULLY. THE STUDENTS, WHO HAS SUCCESSFULLY ATTENDED  
AND COMPLETED THE COURSE, WILL BE AWARDED CERTIFICATE OF COMPLETION OF THE SAID COURSE.



# MENTORING



*A Message from Our Faculty Incharge*



The holistic development of students is the focus of the Don Bosco way of education. No wonder, mentoring is an integral part of our education system and the faculty mentors and peer mentors accompany the mentees during their journey of engineering education.

Mentoring process helps the mentees to feel ‘belonged’ and instills the necessary confidence. It identifies support systems to give right directions towards personal and professional fulfillment.

There is one faculty mentor and two peer mentors, on an average, for a batch of about 20 students. Here we have a set of mentees and peer mentors sharing their experiences.

**- Dr. Revathy Sundararajan**

# PEER MENTORS VIEWS



Being a peer mentor was one of the best experience I've had. During this tenure I shared some of my experience, some personal achievements and mistakes that I made that shouldn't be repeated. It never felt like a senior junior talk but rather a elder sister guiding the younger one, I look forward to stay connected with them in future too.

-Riean Esteves (IT)



Mentoring my juniors was a flashback of looking at my own difficulties as a fresher in the college . So I was able to connect with them and understand their concerns . Students who were from biology background who took the computer engineering I was able to guide them as I am also from the biology background. So I was able to help them regarding coding problems.

-Rhea Gupta (COMPS)



It was a great journey to get along with my juniors and solve doubts at every point that they needed. There were many questions which were highly relatable and it was an amazing opportunity that I could guide them.

-Vendra (IT)

# PEER MENTORS VIEWS



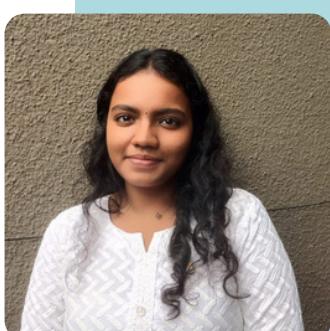
I am lucky enough to get a chance to be a Mentor. As a mentor, I've been able to pass on my knowledge and experience while learning about others. It is a learning and development partnership between someone with experience and someone who wants to learn. A key part of being a mentor is listening and Interacting .

-Gouresh Sankhe (EXTC)



As a peer mentor I was assigned the responsibility to interact with our juniors and to help them if they were facing any academic problem . Took online meet with peers and noted all the problems or queries they had and tried resolving them, had an interactive and engaging session.

-Sakshi Kaveri (EXTC)



Being a peer mentor was an absolutely amazing experience, knowing your peer mentees and helping them in all ways gives me immense confidence to interact and communicate well. Students had a lot of queries about faculty, campus , events and academics. Having a peer mentor to help you through this is great, that's what made it so special for me to be a peer mentor.

-Simran Ahiwale (MECH)

# PEER MENTEES VIEWS



The peer mentoring sessions have helped in enhancing supportive relationship between people. It has encouraged the practice of sharing knowledge and experiences while providing an opportunity to learn from different perspectives.

- **Dhawal Malviya (MECH)**



Mentoring session takes place between a mentor with ample of experience and a novice student. Through their experience they guide us through our problems.

-**Faizan Khan (MECH)**



The mentoring program has encouraged me to be vocal about my fears. I can now voice my problems without any issues. This has brought me ease into this new journey. The mentors were quite student-friendly. They have never left me unanswered. They also guided and encouraged me to take the right steps for the future. It was truly very helpful in all ways possible.

-**Shweta Nadar (COMPS)**

# PEER MENTEES VIEWS



Due to college being online and a new place for me with no friends around, the new initiative of the mentorship program helped me interact with people from our college. Throughout the year they helped me with different subjects that I faced difficulty in. Our peer mentors were generous enough to give personal lessons to us. Our suggestions were also appreciated and accepted by our mentors. I can approach my seniors whenever I feel the need and I'm indeed grateful to this initiative.

**-Dibyarupa Pradhan (EXTC)**

In my opinion, the faculty and peer mentoring sessions were diligent, friendly and effective. They were very understanding towards us and handled every issue generously. Peer mentors were extremely approachable and tried their best to guide us as much as they could. The concept of peer mentoring was ideal for our help especially due to the sudden switch from online to offline mode. So, I believe it was overall really effective.



**-Preetesh Chauhan (IT)**

# PEER MENTEES VIEWS



The peer mentoring program is a good way to make the students comfortable. It has given me courage to raise our questions without hesitation. Whereas, the faculty mentors too made student feel the same. In short, this mentorship program has made me confident which is a big achievement.

-Chantel Braz (IT )

Our F.E. wouldn't be complete without the amazing mentors who boosted our morale along with gaining confidence. While balancing academics, they motivated me to enjoy college life by participating in various events and gaining some experience. Overall, it was the best experience.

-Leander Braganza (COMPS)



These sessions have been really helpful as the mentors are always up to assist us. They catered to the needs of their mentees and guided us through the obstacles. They have your back!

-Ann Vincent (EXTC)



# PROJECT BASED LEARNING APPROACH

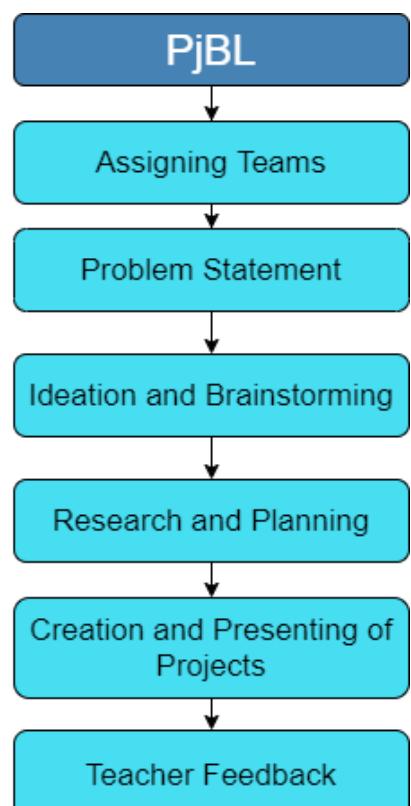
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Project-based learning (PjBL) is an instructional method in which students learn a range of skills and subject matter in the process of creating their own projects. Sometimes, these projects are solutions to real-world problems.

But what is most important in project-based learning is that students learn in the process of making something. They work in groups and bring their own experiences, abilities, learning styles, and perspectives to the project.

During the AY 2020-21 PjBL was introduced to the First Year Engineering students. In all, there were 71 different projects given to 71 different groups, each group consisting of three students.

They were evaluated based on the 4C's skills which stand for **Critical Thinking, Creativity, Communication & Collaboration**. Students were asked to present their work based on the guidelines that were given to them.



# SEM -1 CLASS REPRESENTATIVES

NAME	POSITION	CLASS
Shreya Doiphode	Engg. Maths-I	A
Vivek Pandey	Engg. Physics-I	A
Braz Chantel	Engg. Chemistry-I	A
Narendranath Chakraborty	BEE	A
Amaan Shaikh	Engg. Mechanics	A
Manish Patil	Engg. Maths-1	B
Anushka Kulkarni	Engg. Physics-1	B
Prasad Alai	Engg. Chemistry-1	B
Mitali Rananavare	BEE	B
Neha Nair	Engg. Mechanics	B
Vinay Parihar	Engg. Maths-1	C
Palak Tiwari	Engg. Physics-1	C
Sayyed Sharik	Engg. Chemistry-1	C
Mayuri Kadam	BEE	C
Arjun Bhuse	Engg. Mechanics	C

# SEM -2 CLASS REPRESENTATIVES

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NAME	POSITION	CLASS
Mayuri Kadam	General CR Batch A	EXTC
Dibyarupa Pradhan	Batch B	EXTC
Sagar Parmar	Batch B	EXTC
Palak Tiwari	Batch C	EXTC
Prem Singh	Batch B	EXTC
Leander Braganza	General CR	COMPS
Narendranath Chakraborty	General CR	IT
Rohan Gunje	General CR	IT
Chantel Braz	General CR	IT
Cresel Fernandez	General CR	IT
Vivek Pandey	General CR	MECH

# MESSAGE FROM THE CONVENOR

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We are extremely proud to present the second volume of the FE Newsletter.

This academic year, we experienced our first post-lockdown offline semester. In spite of this switch, DBIT has been persistent in maintaining a holistic development of students. I would like to applaud everyone involved in providing an environment for the students to reconnect, learn and grow for a comprehensive development.



Consequently, Basic Science and Humanities Department provides the first step in setting up the foundation of future change-makers.

This newsletter offers a glimpse of efforts that were planted to make this a vibrant and fruitful year. We have penned down the factors that are responsible for causing the masses of DBIT to head towards a prosperous future.

I want to send my sincere gratitude to the Principal, the Administration, the faculty members and my editorial team for putting great effort into the making of the FE Newsletter.

- CHIEF EDITOR  
**PROF. SACHIN SUGAVE**

# EDITORIAL TEAM

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Dear readers,

We as the members of litsoc bring you the official newsletter from the Department of basic science and humanities for the year 2021-2022. Our collective efforts have concluded us to bring forth what makes Don Bosco Institute of Technology so inculcating and virtuous among its students.

Our main task was keeping everything short and crisp with all the achievements and flourishing tales. As the editor of LitSoc I'm very grateful for working with an amazing team. By far the experience has been very motivating, encouraging and heartening. I would like to applaud all the teachers and students of the BSH department for their efforts on having a wonderful year and hope to keep the energy with us into the next year.

**-EDITORIAL HEAD  
KANISHKA AWARE**

# EDITORIAL TEAM

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Celebrating another successful academic year, I would like to extend my well wishes to each and every one that have contributed their time and efforts to make it possible.

It was a wonderful and exciting experience of editing and simultaneously recalling my personal journey through the first year of engineering.

With the end of pandemic, DBIT unlocked a new chapter accompanying new obstacles. Nonetheless, the Basic Science and Humanities Department did an exemplary job of overcoming them and raising the bar higher than before. I extend my best wishes to the BSH department for more such chapters and a brighter future.

I would also like appreciate the editorial team for their devotion and effort in accomplishing our mission of releasing the second volume of the newsletter.

-ASSISTANT EDITOR  
**AVEESAH SIDDIQUI**