DON BOSCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

“InnoQuest 23”

Mini Project Exhibition Report - 2023-24

TE EXTC

“Exhibitions of mini projects are like windows into the future, where innovation meets imagination" ✨

The Department of Electronics and Telecommunication Engineering (EXTC) at Don Bosco Institute of Technology (DBIT) is delighted to present the culmination of creativity and technical prowess at the SE and TE Students' Mini Project Exhibition 2023-24. This event, held on the 3rd of November, 2023, at the C Wing, 1st Floor, EXTC labs - DBIT Kurla West, Mumbai, marked a significant occasion for students to showcase their innovative mini projects.

Event Overview:

The Mini Project Exhibition served as a comprehensive platform, combining a technical mini-project competition with an interactive exhibition. This initiative was designed to provide a platform for Third Year students to exhibit their hard work, encourage open-ended discussions and showcase the immense potential of their mini projects. The event aimed to inspire first-year and ITI students to delve into problem-solving and practical applications of the theoretical concepts they are currently studying.

Outcome of the Event

Diverse Array of Projects: The exhibition showcased a diverse range of projects, demonstrating the versatility and creativity of the students. From electronics to telecommunications, the projects covered a spectrum of technical domains.

Interactive Discussions: The event encouraged interactive discussions between students, faculty, and Management. This exchange of ideas fostered a vibrant atmosphere of learning and collaboration.

Inspiration for First-Year and ITI Students: The exhibited projects served as a source of inspiration for first-year students and ITI students, igniting their curiosity and motivating them to explore the exciting world of mini projects.

Prizes and Recognition:

Total 13 teams from EXTC had participated in this event.

The Mini Project Exhibition concluded with the recognition of outstanding projects through a prize distribution ceremony which was held in a Monidini Hall 4th Floor C wing. The top three teams were awarded with exciting prizes to acknowledge their dedication and innovative spirit.

Following are the list of Winners along with Roll No.

1st Prize: ₹2000 Group 9 :Cleaning Bot

44	Group Leader	Dibyarupa Pradhan
43	Member 1	Rutvik K Patil
54	Member 2	Premkumar Singh
55	Member 3	Mayur Sonar

2nd Prize: ₹1500 Winners Group 12 Digital frequency meter

46	Group Leader	Diya Rai
38	Member 1	Vighnesh Pai
65	Member 2	Kshitija Zodge
64	Member 3	Annany Zadbuke

3rd Prize: ₹10001 Winners Group 1: BLE Notice Board

47	Group Leader	Girish Sangare
7	Member 1	Ann Vincent
50	Member 2	Shafik Shaikh
14	Member 3	Suraj Golambade

Consolation prize was given to Group 3 for the project Audio Transmitter using LoRa

61	Group Leader	Palak Tiwari
59	Member 1	Kirti Teli
2	Member 2	Raza Ansari
15	Member 3	Aditya Jadhav

These prizes not only celebrated the achievements of the winning teams but also motivated all participants to strive for excellence in their future endeavors.

The Mini Project Exhibition 2023-24 was a resounding success, emphasizing the commitment of the EXTC department at DBIT to nurture and showcase the technical acumen of its students. The event not only provided a platform for knowledge exchange but also strengthened the sense of community within the department.

The EXTC department expresses gratitude to all participants, faculty members, and industry experts who contributed to making this event a memorable and enriching experience. As we continue to foster innovation and imagination, we look forward to witnessing the continued success and growth of our students in their academic and professional journeys.

List of Participant

Don Bosco Institute of Technology, Mumbai: 400070				
Department of Electronics and Telecommunication Engineering				
Academic Year: 2023-24				
Subject: Miniproject 2A				
Faculty: Mr. Jithin Isaac, Ms.Aparna M. Telgote (Mini Project Co-ordinator)				
Class: TE EXTC				
Group Number	**Roll No.**	**Student's Full Name**	**Project Name**	**Project Name**
1	47	Group Leader	Girish Sangare	BLE Notice Board
	7	Member 1	Ann Vincent	
	50	Member 2	Shafik Shaikh	
	14	Member 3	Suraj Golambade	
2	29	Member 2	Kartik Kunder	**GPS Bicycle Theft**
	5	Member 1	Anup Chiplunkar	
	62	Group Leader	Prathamesh Vasta	
	57	Member 3	Akshay Talekar	
3	61	Group Leader	Palak Tiwari	**Audio Transmitter using LoRa**
	59	Member 1	Kirti Teli	
	2	Member 2	Raza Ansari	
	15	Member 3	Aditya Jadhav	
4	56	Group Leader	Mrunal Suplekar	**Biometric Door Lock**
	48	Member 1	Suhani Sawant	

	11	Member 2	Manasi Dhotre	
	31	Member 3	Mansi Madrewar	
5	25	Group Leader	Mohd Arif	**Data Loger**
	49	Member 1	Shaikh Mohd Daanyaal	
	23	Member 2	Khan Munawar	
	8	Member 3	Faiz Chougule	
6	19	Group Leader	Pooja Kadam	**Audio Capture using STM 32**
	12	Member 1	Yash Garje	
	1	Member 2	Anas Ansari	
	51	Member 3	Khushi Shetty	
7	3	Group Leader	Amey Bhombade	**DSP Audio effect sung STM 32**
	34	Member 1	Raj Mohite	
	42	Member 2	Bhavesh Patil	
	45	Member 3	Sanjeet Prajapati	
8	4	Group Leader	Ananya Boliyar	**Automatic Car wiper**
	52	Member 1	Sakshi Shidruk	
	62	Member 2	Nikhilesh Tumma	
	57	Member 3	Prathamesh Tadas	
9	44	Group Leader	Dibyarupa Pradhan	**Cleaning Bot**
	43	Member 1	Rutvik K Patil	
	54	Member 2	Premkumar Singh	
	55	Member 3	Mayur Sonar	
10	22	Group Leader	Aman Khan	**Measure Tilt angle**
	9	Member 2	Hiten Chowdhary	
	24	Member 2	Saud Khan	
	40	Member 3	Sagar Parmar	
11	18	Group Leader	Mayuri Kadam	**PH Monitoring System using STM 32**
	28	Member 1	Sumith Kumar	
	32	Member 2	Rohit Mali	
	16	Member 3	Himanshu Jogi	
12	46	Group Leader	Diya Rai	**Digital frequency meter**
	38	Member 1	Vighnesh Pai	
	65	Member 2	Kshitija Zodge	
	64	Member 3	Annany Zadbuke	
13	36	Group Leader	Vedant Pagare	**Blind Stick using STM32**
	41	Member 1	Atharv Parrey	
	26	Member 2	Kiran Rupanwar	

	27	Member 3	Prince Kumar	
14		Group Leader	Chaitanya	**Soil Moisture Irrigation System**
		Member 1	Vinay	
		Member 2	Pritam	
		Member 3	Yogendra	

Evaluation Sheet

Don Bosco Institute of Technology, Mumbai-400070										
Department of Electronics and Telecommunication Engineering										
InnoQuest-2023 Evalution										
Class: TE EXTC V									Date :3rd Nov 2023	
Group No	**Evaluator 1**	**Normalized**	**Denormalize**	**Evaluator 2**	**Normalize**	**Denormalize**	**70%**	**30%**	Final Score	Prizes
1	**20**	**1**	**25**	**21**	**0.84**	**21**	**17.50**	**6.30**	24	3rd
2	**15**	**0.75**	**19**	**16**	**0.64**	**16**	**13.13**	**4.80**	18	
3	**20**	**1**	**25**	**22**	**0.88**	**22**	**17.50**	**6.60**	24	4th
4	**20**	**0.95**	**24**	**16**	**0.84**	**20**	**16.67**	**6.00**	23	
5	16	**0.76**	**19**	**19**	**1.00**	**25**	**13.33**	**7.50**	21	
6	**12**	**0.57**	**14**	**15**	**0.79**	**20**	**10.00**	**5.92**	16	
7	14	**0.64**	**16**	**15**	**0.63**	**16**	**11.14**	**4.69**	16	
8	**14**	**0.64**	**16**	**17**	**0.71**	**18**	**11.14**	**5.31**	16	
9	22	**1.00**	**25**	**24**	**1.00**	**25**	**17.50**	**7.50**	25	1st
10	**13**	**0.72**	**18**	**17**	**0.77**	**19**	**12.64**	**5.80**	18	
11	16	**0.89**	**22**	**21**	**0.95**	**24**	**15.56**	**7.16**	23	
12	**18**	**1.00**	**25**	**22**	**1.00**	**25**	**17.50**	**7.50**	25	2nd
13	**11**	**0.61**	**15**	**17**	**0.77**	**19**	**10.69**	**5.80**	16	

Event Photographs


EXTC
5 Days Training Program on
Cisco Certified Network Associate (CCNA)
GPS Map Camera
Mumbai, Maharashtra, India
400070, Amar Nagar, Nav Pada, Kurla, Mumbai, Maharashtra
400070, India
Lat 19.081477°
Long 72.888957°
03/11/23 12:35 PM GMT +05:30
Google


TE GROUP-08
INTRODUCTION
3 Nov 2023 10:15:20
19.0822384N 72.8912387E
Vihar, Vidya Vihar West, Kurla West, Mumbai, Maharashtra 400086, India
Don Bosco Institute of Technology


EXTC
3 Nov 2023 10:36:53
19.0820632N 72.8884966E
Bosco, Amar Nagar, Nav Pada, Kurla, Mumbai, Maharashtra 400070, India
Don Bosco Institute of Technology


INNOQUEST 2023-24
THIRD POSITION
TITLE : BLE NOTICE BOARD
STUDENT GROUP -1



Mini -Project Coordinator

Aparna M. Telgote