

DON BOSCO INSTITUTE OF TECHNOLOGY, (DBIT), MUMBAI, 400 070

Department of Mechanical Engineering

Project Allocation for Academic year 2021_22

Group No.	*Sr No*	*Name of the Student*	*Project Title*	*Guide*
1	1	Shetty Mitul Praveen Manisha	Converting X-Ray data into 3D Printable data and 3D Print wrist Cast to aid wrist fracture	Prof. Shreeprasad Manohar
	2	Nereparambil Jordan Joy Dollyn		
	3	Bind Aniket Pradeep Manju		
	4	Alwin Wilson Mary		
2	1	Yadav Saurabh Suresh Snehal	Passive Cooling Systems in Buildings	Prof. Cleto Pereira
	2	Sanap Rutvik Ashok Chhaya		
	3	Sawant Aaditya Parag Aarti		
	4	Vaswani Raj Haresh Reshma		
3	1	Yadav Indrajeet Harendra Gayatri Devi	Design and Fabrication of a Floating Garbage Collection System	Dr. Shashikant S. Pawar
	2	Gosavi Mihir Anil Aparna		
	3	Raul Hrishikesh Kamalakant Neena		
	4	Yevale Viraj Milind Varsha		
4	1	Mehta Yatik Shailesh Simpal	Roadside Energy Generator	Prof. Pradeepkumar Suryavanshi
	2	Padwale Rohit Shashikant Suchita		
	3	Maharana Rajesh Jayakrishna Radharani		
	4	Maliyakal Kelvin Polly Jessy		
5	1	Talgaonkar Swaroop Vijay Saundarya	Energy saving in commercial building using IoT and automation	Prof. Juned Ahamad
	2	Sawant Viraj Dilip Deepika		
	3	Parshionikar Atharva Kishor Natasha		
	4	Singh Mohit Subhash Pinky		
6	1	Wallecha Bhavesh Bhagchand Sharda	Exoskeleton	Prof. Pradeepkumar Suryavanshi
	2	Korgaonkar Durvesh Dilip Nisha		

	3	Patil Gauri Pramod Kanchan		
	4	Talathi Sahil Shrikant Shilpa		
7	1	Arakkal Jobin Joseph Babitha	Robotic Arm using Smart Material	Prof. Hemant Hogade
	2	Lopes Adrian Steven Marina		
	3	Patil Prajakta Sambhaji Sunita		
	4	Komban Anuranjini Anthony Lilly		
8	1	Sakre Chaitanya Vijay Mrunal	Design & Manufacturing of dual injection nozzle for 3D Printer	Prof. Swapnil Gujarathi
	2	Lohar Abhishek Pravin Praseeta		
	3	Mishra Devesh Mahesh Sandhya		
	4	Thete Ashish Eknath Nanda		
9	1	Joshi Atharva Vishwas	Road Safety for Two-Wheelers	Dr. Prasanna Nambiar
	2	Joshi Abhijeet Milind		
	3	Kasar Chaitanya Sanjay		
	4	Dhumal Laukik Arun		
10	1	Jogale Piyush Parshuram Pratiksha	Enhancement of Heat Transfer by Surface Geometry Modification	Dr. Shashikant S. Pawar
	2	Varshney Krishnanand Pawan Hemlata		
	3	Lahoti Pratik Nandkishor Leena		
	4	Naik Karan Sham Megha		
11	1	Mohite Atharva Ajay Trupti	To design smart Incinerator with Catalytic converters attachment, Fabricate and test for Exhaust Emissions for maintaining Hygienic living habit	Prof. Johnson Varghese
	2	Mohidekar Atharva Amit Smita		
	3	Mudaliyar Sumit Pravin Benny		
	4	Ranadive Archit Ambarish Neha		
12	1	Karhikeyan Guruprasad Banurekha	Bio-mimetic Flapping Wing Mechanism for MAV Applications	Dr. Shashikant S. Pawar
	2	Kambli Prathamesh Suhas Swati		
	3	Kale Atharv Prasad Priyanka		
	4	Jain Rithik Arvind Sangeeta		

13	1	Aranha Steve Clarence Helen	Solar Panel with Sun position tracking and Automatic cleaning system for solar panel	Prof. Sudhakar Ambhore
	2	Agarwal Rishab Rajendra Kumar Beena		
	3	Bondre Harsh Shreeram Shalmali		
	4	Gandhi Dipesh Ranjeet Sangeeta		
14	1	Bane Swapnil Sunil Geeta	Design and Fabrication of Welding Torch Cleaning Station - Industry Project	Prof. Hemant Hogade
	2	Kale Akash Dattu Shamal		
	3	Khan Ahmed Arquam Haseeb Ahmed Nasreen Fatima		
	4	Jain Akshat Nilesh Maya		
15	1	Linto Varghese	Monowheel Bike	Prof. Pavan Kulkarni
	2	Domnic Don Bosco Rajan		
	3	Leitao Joel Jude Lourina		
	4	Marian Aldrin Smith		
16	1	Divate Chaitanya Shailesh Shamli	Challenges, Learnings, Mitigation Plan for engaging with EPC Category Customer - Industry Project	Prof. Sandeep Dasgupta
	2	Dsilva Nesline Maxim Flavia		
	3	Borole Sarang Arun Premlata		
	4	Chaudhary Roshan Hariram Anju		
17	1	Wani Ritwik Sanjay Swati	Effect of Core Geometry, Orientation and Support on the Core shift in Mould	Prof. Sudhakar Ambhore
	2	Gadhve Alisha Satish Rupali		
	3	Lewis Hansel Kenneth Lenus Catherine		
	4	Lobo Kenneth Thomas Gloria		
18	1	Rushikesh Dhumal	Manufacturing and Testing of Membrane Making and Testing Machine	Prof. Mahesh Rajwade
	2	Raj Dalvi		
	3	Alfred Jovin		
	4	Londhe Keshav Shatrughan Sujata		

19	1	Sejal Mohan Tayade	Heat Pump Dehumidifier for Agricultural Produce	Prof. Cleto Pereira
	2	Anand Dashrath Shirsat		
	3	Yash Vikas Parab		
	4	Neel Baptista Rodrigues		
20	1	Salvi Lalit Subhash Sneha	Compact and Cost Effective Coconut Oil Expeller	Prof. Sachin Sheravi
	2	Kamble Sudesh Subhash Sushama		
	3	Panchal Nikunj Jaswant Dipika		
	4	Paymode Tejas Sanjay Sangeeta		
21	1	Coutinho Roger Rajma Maria	Solar PV based Water Hydrolysis System to generate Hydrogen and Oxygen	Prof. Sandeep Sabnis
	2	Misquitta Zoltan Neil Audrey		
	3	Alwyn Peter Arogyaswamy Arogyamary		
	4	Rodrigues Alan Savio Patricia		
22	1	Dongre Bhavika Prakash Usha	Design of Innovative Community Toilet System	Dr. Prasanna Nambiar
	2	Dhonde Samruddhi Shailesh Shailaja		
	3	Dhakulkar Sanskar Sunil Vaishali		
	4	Dias Kevin Domic James Guilermana		
23	1	Samuel Fernandes	Zero Net Energy Building	Prof. Sandeep Sabnis
	2	Craig Ferreira		
	3	Aylmer Gonsalves		
	4	Dwayne Furtado		
24	1	Sharma Piyush Anil Sunita	Development of UTM for Testing of 3-D Printed Specimens	Prof. Swapnil Gujarathi
	2	Singh Kartik Kaushlendra Hemlata		
	3	Sai Kishor Kishorkumar		
	4	Phatangare Prachi Prakash Kalpana		
25	1	Shaikh Abdullah Jamil Ahmed Nazma	Piezoelectric Energy Harvesting Devices for Recharging Batteries	Prof. Nilesh Gaware
	2	Sayyed Ibrahim Yusuf Shamshad		
	3	Patil Omkar Deepak Megha		
	4	Bhavsar Saransh Sandeep Maya		

26	1	Arakkal Joshua Joffy Shali	Braking System	Prof. Pavan Kulkarni
	2	Chavan Saloni Sundar Sharayu		
27	1	Deshmukh Rushikesh Ravindra Shobha	Wireless Power Transmission using Solar Energy	Prof. Nilesh Gaware
	2	Borji Aditya Chandrashekhar Sharmila		
	3	D'silva Simon Domic Sujata		
28	1	Giri Souvik Sankar	Design and Analysis of Flywheel for Different Geometries and Materials	Prof. Sachin Sheravi
	2	Vallera Godwin David		
	3	Satpute Harita Nankishor		
29	1	Piyush Prakash Avhad	To Design, Fabricate and Test the Drone for Plucking Fruits from Trees and Spraying Pesticides for the Horticulture Farmers	Prof. Johnson Varghese
	2	Daryl Calvin Gomes		
	3	Selvin Agnelo Fernandes		
30	1	Siddharth Lohar	Electricity Generation using Gym Equipments	Prof. Juned Ahamad
	2	Prithviraj Nayak		
	3	Rithik Khared		
	4	Samuel Monteiro		
31	1	Andrandes Niall Nepolian Sangeeta	Conversion of single cylinder CI engine to Biogas fuelled SI Engine	Prof. Sandeep P. Sabnis
	2	Keane Keith dias		
	3	Fernandes Stanny Anton Sucorin		
	4	Pereira Cyrus Luis Shaila		
32	1	Ishan Patil	Manufacturing of composite 3D Printing Material using Injection Molding	Prof. Shreeprasad Manohar
	2	Vedant Panchal		
	3	Lagiseti Siddhartha Srideep		
33	1	Darshan Doshi	Design and fabrication of portable MQL unit Minimum Quantity Lubrication	Prof. Mahesh Rajwade
	2	Chrysler Fernandes		
	3	Vivian Castelino		
34	1	Yeole Shubham Padmakar	Measuring Device of Petrol/Diesel during Vehicle Refueling	Prof. Sandeep Dasgupta

	2	Singh Shivaam Manoj Poonam		
	3	Patil Shubham Chandrakant Pratima		
35	1	Lobo Richard Alex	Investment Casting using FDM 3D Printing	Prof. Hemant Hogade
	2	Khan Abdul Ahad Abdul Mannan Shama		
	3	Calvin Fernandes		