

DON BOSCO INSTITUTE OF TECHNOLOGY, MUMBAI, 400 070

Department of Mechanical Engineering

BE\_Final Project List\_2020-21

*Group No.*	*Sr. No.*	*Name of the student*	*Project Title*	*Guide *
1	1	Almeida Aren Gonsalo Asha	To design energy efficient Incinerator with Catalytic Converters attachment, fabricate and test for exhaust emissions	Prof. Johnson Nellisery
	2	Tuscano Swapnil Wilson Prema		
	3	Tuscano Seraj Simon Delphine		
	4	Dmello Kenneth Anthony Shobha		
2	1	Nagpure Amol Manohar Anita	A novel approach for sustainable handling and disposal of sanitary pads	Dr. Prasanna Nambiar
	2	Sharma Pratibha Ashwani Jyoti		
	3	Nandanvar Sanjana Milind Rashmi		
	4	Warang Priti Arun Akshata		
3	1	Shelar Mayuri Chandrakant Shobha	To evaluate performance of centrifugal pump and to optimise the hydraulic and mechanical design.	Dr. Nakka Muralidhara Rao
	2	Vasaikar Darpan Pradip Chhaya		
	3	Jaiswar Shubham Virendra Ranu		
	4	Rasquinha Myron Peter Violet		
4	1	Narkar Sahil Sanjiv Rupali	Design and development of a Soil Sample Collecting Rover	Dr. Shashikant S. Pawar
	2	Bora Tanmay Abhay Kiran		
	3	Achari Vishal Umesh Shaila		
	4	Kadam Rahul Nagesh Netra		
5	1	Bardi Mizab Ahmed Ejaz Ahmed Meraj	Manufacturing of composite 3D Printing Material using Injection Molding	Prof. Shreeprasad Manohar
	2	Bedade Omkar Rajendra Ujjwala		
	3	Bokade Shubham Ashok Premlata		

	4	Gunjal Sushant Laxman Shobha		
6	1	Lemos Princely Vijay Edwina	Automated system for manufacturing of cow dung products	Prof. Georgena Kannukkadan
	2	Lobo Sherwin Wilfred Gretta		
	3	Koppikar Mihir Ranjit Aparna		
	4	Kapshikar Pranay Sanjay Sonali		
7	1	Sharma Tarun Harish Dimple	Design and development of electric vehicle	Prof. Pavan Kulkarni
	2	Rane Samish Harishchandra Sangita		
	3	Tawde Romit Prakash Preeti		
	4	Rohit John John Bindu		
8	1	Saldanha Jeston Stanley Jacintha	Energy Audit of commercial building	Prof. Clea Pereira
	2	Mendonca Doyle Joy Reena		
	3	Pinto Carl Terrence Juliet		
	4	Sahu Gaurav Mukesh Rekha		
9	1	Chiramel Jabin George Sherly	Compact and Cost Effective Coconut Oil Expeller	Prof. Sachin Sheravi
	2	Dmello Glenn Aloysius Cynthia		
	3	Chavan Satyajit Sanjay Suvarna		
	4	Dsilva Kevin Melwyn Jacintha		
10	1	Dias Alvis Albert Sangeeta	Inclined layer 3D Printer	Prof. Hemant Hogade
	2	D'Souza Austin Arvin Rekha		
	3	Fernandes Reuben Roney Deborah		
	4	Assao Alister Sebastian Delphina		
11	1	Thakur Rahul Gopal Anita	Enhancement of Heat Transfer by Surface Geometry Modification.	Dr. Shashikant S. Pawar
	2	Thanekar Anvesh Adesh Aslesha		
	3	Dalvi Aniket Sanjay Shivani		
	4	Akolkar Devesh Bhushan Mrudula		

12	1	Tone Prasad Vithoba Usha	Investment Casting and Silicone Mould Casting using FDM	Prof. Hemant Hogade
	2	Warke Aishwarya Mayuresh Anjali		
	3	Zaware Aakash Tukaram Sunanda		
	4	Pawar Sarthak Laxman Sarika		
13	1	Mahajan Hemant Sadashiv Poonam	Conversion of single cylinder CI engine to Biogas fueled SI Engine	Prof. Sandeep Sabnis
	2	Patil Prasad Yashvant Usha		
	3	Shettigar Kaushik Naveen Rekha		
	4	Shukla Bhupendra Kapilnath Savita		
14	1	Gaikwad Mayur Yuvraj Sunita	Automated solar operated water purifier	Prof. Juned Ahamad
	2	Jastin James James Tessy		
	3	Jena Prashant Amarendra Suvarna		
	4	Jobin Jayabalan Jayabalan Muthukanni		
15	1	Naicker Kushagra Shanker Aparna	Solar PV based water electrolysis system to generate Hydrogen and Oxygen	Prof. Sandeep Sabnis
	2	Waikar Shahaji Vijay Neeta		
	3	Yardi Yash Prakash Ujwala		
	4	Kini Ruchit Naresh Neha		
16	1	Datta Anjishnu Subrata Seema	Low Energy Cooling Systems in Buildings	Prof. Clea Pereira
	2	Dsilva Ian Keith Vanessa		
	3	Dsouza Ashley Charles Jean		
	4	Dsouza Clevon Charles Nora		
17	1	Choudhary Akshat Prabhakar Mamta	Design of natural cooling system for urban requirements	Dr. Prasanna Nambiar
	2	Colaco Clavin Louis Mary		
	3	Dsouza Shaun Lawrence Jacqueline		
	4	Fernandes Sheena Carl Deborah		
18	1	George Edwin Subin Sonia	Automated Rice Transplanting Robot	Prof. Sachin Sheravi
	2	Frank Kevin Benjamin Jayanthi		

	3	Fernandes Calvin Carlos Luiza		
	4	Nunes Alexius Jeremy Marcus Adelia		
19	1	Fereira Jevis Julius Michelle	Bhel vending Automat.	Prof. Buddhipriy. S. Chavan
	2	Gonsalves Hansie Nixon Guacy		
	3	Rebello Chris Richard Kavita		
	4	Rodrigues Swen Staney Celcia		
20	1	Nazareth Joel Jerald Anita	Bio-mimetic flapping wing mechanism for MAV applications	Dr. Shashikant S. Pawar
	2	Save Sagar Sandeep Minal		
	3	Shetty Shanuk Uday Rohini		
	4	Shaikh Mohd Awaiz Mohd Idris Tasneembano		
21	1	Patkar Rohan Prashant Prajakta	Aqua Bin	Dr. Shashikant S. Pawar
	2	Sasane Shounak Sanjay Veena		
22	1	Chavan Nihar Pradeep Pooja	Waste paper, paper plate making machine	Prof. Johnson Nellisery
	2	Thakur Anjaney Jaydeep Geetanjali		
	3	More Aditya Vilas Chhaya		
23	1	Carvalho Ameya Amol Samidha	Design & Manufacturing of dual injection nozzle for 3D Printer	Prof. Swapnil Gujarathi
	2	Dsilva Samuel Brayel Anita		
	3	Dsouza Jason Denis Bernadette		
	4	Pinto Brannon Plavin Shanthi		
24	1	Arimbour Robin Devassy Mini	Generalized Epileptic Seizure Alert System	Dr. Pradeepkumar Suryawanshi
	2	Chettiar Eric Stephen Clara		
	3	Nadar Jeba Dhanraj Jeyapal Pushpalatha		
	4	Suvarna Rosh Jaganath Jyoti		
25	1	Fernandes Anthony Nicholas Marina	Coconut Breaker	Dr. Pradeepkumar Suryawanshi
	2	Kolambekar Snehal Yatin Mansi		

	3	Kamath Swati Satish Geetha		
	4	Hatle Gayatree Dhananjay Dhanashree		
26	1	Jundre Sonam Vishwas Nilima	Design and fabrication of portable MQL unit Minimum Quantity Lubrication.	Prof. Mahesh Rajwade
	2	Kadam Akshada Santosh Supriya		
	3	Jadhav Netravati Krishna Sunita		
	4	Narkhede Lubdha Bhojraj Pratiksha		
27	1	Majithia Yash Vipul Kashmira	An approach to aid mobility in Parkinson's Disease patients	Dr. Prasanna Nambiar
	2	Paliakkara Daniel Joy Princy		
	3	Sequeira Noel Luis Molly		
	4	Shetty Siddharth Jitin Urvashi		
28	1	Kasbe Priyam Prakash Leena	Emergency Water Purifier	Prof. Mahesh Rajwade
	2	More Vinit Indrajit Suvarna		
	3	Quadros Zaccaria Joseph Ida		
	4	Rodrigues Reuben Ronald Premi		
29	1	Fernandes Diana Peter Rita	To manufacture the CMM machine that will scan the 2D lamina and will convert the read co-ordinate into points cloud data	Prof. Swapnil Gujarathi
	2	Kundu Priya Pradeep Ena		
	3	Mandumpal Sharon Joy Mini		
	4	Shaikh Obaid Abdullah Reshma		
30	1	Nazareth Alan Alex Anita	Reduction of energy wastage using sensors in a commercial building	Prof. Juned Ahamad
	2	Tiwari Abhishek Tiwari Abhishek		
	3	Tiwari Hemant Karamveer Urmila		
	4	Siddharth Wukkadadad		
31	1	Chettiar Chris Anthony Lilly	Cocobot	Prof. Nilesh Gaware
	2	Dutta Dhruv Vikas Rashmi		
	3	Fernandes Androse Matias Maria		

	4	Lewis Clive Victor Flavia		
32	1	D'Souza Aaron Peter Ana	Development of Frictionless Braking (actual model)	Prof. Swapnil Gujarathi
	2	Ashley Nelson Pereira		
	3	Braganza Ian Ivan Monalisa		
	4	Lance Machado		
33	1	D'Souza Chrys	Improvements in solar mopping sytem	Prof. Pavan Kulkarni
	2	Fernandes Isaiah Zion Jose Maria Gwendolyn		
	3	Fernandes Jonathan Nathaniel Otensia		
	4	Gawande Ninad Nandkishor Varsha		
34	1	Quadros Alston Stanley Anella	Fabrication and characterization of composites	Prof. Sudhakar Ambhore
	2	Menon Sidelle Ann Shirley		
	3	Pereira Chris Allwyn Divya		
	4	Antony Sunny Sunny Mini		
35	1	Fernandes Ronnie Celestine Tressa	Energy efficient experimental setup of water extraction from thin air	Prof. Sandeep Dasgupta
	2	Gavali Abhishek Rajendra Urmila		
	3	Samuel Elsa Mathew Miny		
36	1	Patil Rohit Yadav Mrunali	Design and Development of compact evaporative condensation system	Prof. Nilesh Gaware
	2	Punjabi Karan Prakash Jyoti		
	3	Rodrigues Velchristine Agnel Precilla		
	4	Sarguroh Kashif Tajjamul Aarifa		
37	1	Kitchloo Vanshad Kishen Gudi	Fracture analysis of FDM 3D Printed parts	Prof. Shreeprasad S. Manohar
	2	Phalak Akshay Hiranman Nutan		
	3	Kevin Babudas		
38	1	Aher Adarsh Ankush Savita	Portable flowmeter and integrator for car fuelling	Prof. Sandeep Dasgupta
	2	Chakkingal Leons Wilson Rosy		
	3	Prem Benjamin Parkhe		

	4	Fernandes Arnold Aloysius Angeline		
39	1	Vighnesh Niak	Design of mechanical lead screw operated ventilator	Dr. Nakka Muralidhara Rao
	2	Kevin Shaju		
	3	Carlton Rodrigues		
40	1	Aljo Sunny	Improvement of the yield for thin ferrous casting in sand moulding process	Prof. Sudhakar Ambhore
	2	Pratik Vikrant Haldankar		
	3	Leon John		
	4	Razvi Wasib Zishan Hashmath		
41	1	Shane Canados	Home Automation using IOT	Prof. Buddhipriy S. Chavan
	2	Dylan Netto		
42	1	Lester Dmelo	Design of Pump	Prof. Nilesh Gaware
	2	Franklin Joseph		