

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

Department of Mechanical Engineering

*BE Projects List
Academic Year
2019-2020*

Group No.	*Sr No*	*Name of the student*	*Proposed Project Title*	*Guide*
	1	1 Elton Dsouza	Light Electric Vehicle (Electric Skateboard)	Prof. Swapnil Gujarathi
		2 Gavin Dsa		
		3 Jovin Varghese		
		4 Arun Fernando		
	2	Rohan S. Menezes	UTM for 3D Printed models	Prof. Swapnil Gujarathi
		2 Yash S. Vaidya		
		3 Tejas Tipnis		
		4 Axin A. Samuel		
	3	Preet D. Kutaphale	Prosthetic Arm with 3D Printing Technology.	Prof. Hemant Hogade
		Ashutosh A. Mendes		
		3 Randell M.Pinto		
		Justin J. Varghese		
	4	1 Nakul Surwade	To design smart Incinerator with Catalytic Converters attachment, fabricate and test for exhaust emissions for maintaining hygienic living habits.	Prof. Johnson Nellisery
		2 Omkar Pote		
		3 Vinay Panmand		
		4 Dipesh Iswalkar		
	5	1 Lokesh Gaingade	Miniature vapour compression system for electronic cooling	Prof. Clea Pereira
		2 Luqman Charolia		
		3 Vishakha Dikshit		
		4 Siddesh Kapdi		
	6	1 Viraj V Jarande	Natural Fiber reinforced polymer composite	Prof. Madan Kulkarni
		2 Ankita S Pawar		
		Rohan V Shingare		

		Shubham R 4 Shirsath		
7	1	Sanket Kuvalekar	Design and Fabrication of polymer based membrane making machine	Prof. Mahesh Rajwade
	2	Mandar Zagade		
	3	Priyanka Sonawane		
8	1	Akash Sawant	Frictionless Braking System	Prof. Bajirao H. Nangarepatil
	2	Yogesh Ingavale		
	3	Myron Pereira		
	4	Roger Pereira		
9	1	Prajyot Bait	Honking Adaptive System (HAS)	Prof. B.S.Chavan
	2	Shubam Gadage		
	3	Chetan Mahajan		
	4	Rupesh Sawant		
10	1	Dhawal Kenny	Modification of VAWT and implementation in Urban scenario	Prof. Pradeepkumar Suryawanshi
	2	Mayuresh Chamankar		
	3	Aditya Gadkari		
	4	Ronit Salvi		
11	1	Anirudh Bhat	Termites inspired building that can cool itself	Prof. Babitha Devdas
	2	Alfred Chettiar		
	3	Rohit Beniwal		
	4	Rahul Kowshik		
12	1	Mita Halankar	Prevention of deaths in sewers during cleaning	Dr. P. Nambiar
	2	Simran Kumbhare		
	3	Shreya Birje		
	4	Rutuja Hulawale		
13	1	Tripathi Utkarsh	Extraction of Water from thin Air	Prof. Jenifer Abin
	2	Aakif Shaikh		
	3	Jashwith Shetty		
	4	Piyush Parab		
14	1	Faiz Siddiqui	Design, Fabrication and testing of Photo Chemical Machine	Prof. Georgena Kannukkadan
	2	Aljo Sunny		
	3	Jackson George		

		Steven 4 Fernandes		
15	1	Jay Shah	To study uncertainties in Strain measurement, experimentally and analytically for beam sections	Prof. Sachin Sheravi
	2	Remitesh		
	3	Ajay Victor		
	4	Balajagannath Nadar		
16	1	Vivian Vincent	Potable Solar Water Purifier	Prof. Jenifer Abin
	2	Akshay Pol		
	3	Chris D'silva		
	4	Aaron D'souza		
17	1	Gurpreet Singh Chawla	Generation of 3D printed Cast from digital X-Ray	Prof. Shreeprasad Manohar
	2	Varad Dharap		
	3	Alexander Dias		
	4	Stuart D'costa		
18	1	Om Patil	Use of flower waste to make agarbattis	Dr. P. Nambiar
	2	Abhishek Patil		
	3	Aakash Mishra		
	4	Shyam Patil		
19	1	Dhruvaraj Gambhire	Hybrid Model of wind and solar energy generation system	Prof. Pradeepkumar Suryawanshi
	2	Jordan Alvares		
	3	Rajas Badve		
	4	Rohan Kamath		
20	1	Raj Rathod	Enhancement of convective heat transfer by surface geometry modification.	Dr. Shashikant Pawar
	2	Bhagyashree Sangle		
	3	Sarvesh Jigjinni		
	4	Siddharth Balaraman		
21	1	Khan Awais Mohammed	Design and fabrication of vibration table for testing of electronic components	Prof. Pradeepkumar Suryawanshi
	2	Fernandes Boris		
	3	Lobo Mathew		
	4	Parate Vishal		

22	1	Rozario Dominic D'souza	3D printer design to create intricate designed objects	Prof. Hemant Hogade
	2	Verill D'souza		
	3	Anastasia D'souza		
	4	Noel Johnson		
23	1	Nevron Albuquerque	Mechanizing RASA KALPA process	Prof. Shreeprasad Manohar
	2	Bhagyashree Ingle		
	3	Abhishek Rao		
	4	Priyanka Ladole		
24	1	Rauch Rodrigues	Design, Fabrication and Testing of Laboratory Fumehood for hazardous laboratory processes	Prof.Sandip Sabnis
	2	Denzil Dias		
	3	Anthony Fernandes		
	4	Purvaja Dalvi		
25	1	Noel Kuriakose	Optimization of The Fluoride Sensing Test Kit	Prof. Deepika Gupta
	2	Hitesh A. Wagh		
	3	Mukund Talekar		
	4	Shreyas Parvatikar		
26	1	Karan Katekar	Thermoacoustic Refrigeration	Prof. Juned Ahamad
	2	Shyam Nambidi		
	3	Akash Jain		
	4	Dominick Dasban		
27	1	Jowyl Fernandes	E-motorcycle	Prof. Nilesh Gaware
	2	Joash Fernandes		
	3	Carlton Rodrigues		
	4	Ethan Noronha		
28	1	Mathew Fernandes	To design and fabricate Thermoelectric ice maker with a battery and an energy generator	Prof Pavan Kulkarni
	2	Sarabjit Singh Sehra		
	3	Keenan Gomes		
	4	Nikhil Auvlolo		

29	1 Swaraj Moro	Experimentation on Air Lift Loop	Prof. Mahesh Rajwade
	2 Cletus Dmello		
	3 Riyal Dabre		
	4 Wren Dsilva		
30	1 Onkar Yadav	Conversion of convantional car to Hybrid car	Dr. Yogesh Padiya
	2 Sandeep Sambhi		
	3 Lynn Rodrigues		
	4 Yash Rohira		
31	1 Akhil Dsouza	Design and fabrication of cross country pipeline cleaning robot	Prof.B.S. Chavan
	2 Smith Carvalho		
	3 Mark Dsilva		
	4 Dylan Netto		
32	1 Seion Pereira	Development of void fraction measuring sensor	Dr.N.M.Rao
	2 Nevil Dabre		
	3 Vivek Vinoy		
	4 Aaron Rodrigues		
33	1 Shane Canados	To design IOT based smart treadmill and fabrication work and test for maintaining healthy living habits.	Prof. Johnson Nellisery
	2 Joshua Almeida		
	3 Nevin Thomas		
	4 Elvis Saldanha		
34	1 Neeraj Kulkarni	Generation of brain model from MRI scan data to assist in Brain surgeries (Using Open Source tools)	Prof. Shreeprasad Manohar
	2 Arun Kashyap		
	3 Siddhi Patil		
	4 Kevin Babudas		
35	1 Pratik Haldankar	Design and Use of an Alternating Fuel testing apparatus and Assessment of feasibility of biodiesel	Prof. Nilesh Gaware
	2 Leon Dsouza		
	3 Alok Varhadi		
	Bhagyesh 4 Chaudhari		

36	1	Ayaz Ansari	Efficient Plastic Waste management	Dr. P. Nambiar
	2	Sannan Dabir		
	3	Smriti Gondane		
	4	Nigel Fernandes		
37	1	Stanley Correia	Design and Development of ergonomic small portable foundry	Prof. Sudhakar Ambhore
	2	Jonathan Kitt		
	3	Abhay Jaybhaye		
38	1	Atul Thomas	Speed Breaker Electricity Generator	Sandeep Dasgupta
	2	Nikhil Uchil		
	3	Sanjoy		
	4	Parth Gupta		