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

Department of Mechanical Engineering

		*BE Final Pr	rojects Academic Year 2018-2019 *	
Group No:	*Sr No*	*Name of the student*	*Project Title:*	*Guide*
1	1	Myron Dsilva	Optimization of solar cooker	Dr. P. Nambiar
	2	Ganesh Gupta		
	3	Chinmay Jadhav		
	4	Paulson Philip		
2	1	Parth Keswani	Detection of Arsenic impurity in drinking water	Prof. Deepika
_	2	Faraaz Ahmed Shaikh		
	3	Isha Keskar		
3	1	Agnol Paig	Experimental setup for leak detection, evacuation and charging of refrigerant in a system	Prof. Cleta
		Agnel Raja	remgerant in a system	FIUI. Cieta
		Cathina S Anthony Akshada Uttam Shelke		
		Austine Vadakan Varghese		
4		Jaideep Vaidya	Speed Controlled Hand Cart	Prof. Swapnil
	2	Rashi Wavale		
	3	Sasha Ladislas		
	4	Joshua Fernandes		
5	1	Sanchita S. Surve	Design, fabrication and experimentation of multi airlift loop	Prof. Mahesh
	2	Sagar P. Mhashelkar		
	3	Yashasvi Shetty		
	4	Mitesh Sanjay Joshi		
6	1	Vinit Salian	Determination of uncertainty in strain gauges	Prof Sachin
	2	Adarsh Upadhyay		
	3	Rohan Doss		
	4	Varad Khenat		
7	1	Denzil Dsouza	Biomechanic analysis of elbow joint/wrist joint and rapid Prototyping of prosthetics for elbow /wrist joint	Prof. Shreeprasad
	2	Lawrence Dcunha		
	3	Vikrant Jaiswar		
	4	Mayur Kate		

8	1	Sanika Pawar	Design and manufacturing of recycling unit for plastics (Used PET bottles or polyethylene)	Prof. Shreeprasad
		Criston Sequeira	er perjounding,	
	3	Dipali Shinde		
	4	Tushar Warekar		
9	1	Vaibhav .V. Joshte	Design, fabrication & experimentation on 90° horizontal upward elbow two phase test section	Prof. Mahesh
		Milind .C. Khamkar	pridoc toot coolien	1 Tot. Walloon
		Ajaya .V. Maurya		
		Mohammed Shabbirhasan		
10	1	Prabhat Gouda	Design and fabrication of pot hole fixer	Prof Georgena
	2	Manhar Gupta		
	3	Nayan Jain		
	4	Aditya Kale		
11	1	Pranav Pulkundwar	Biomechanic analysis of knee joint and rapid Prototyping of prosthetics for knee joint	Prof. Hemant
	2	Ishan Rajbhar		
	3	Nikhil Raut		
	4	Vijay Yadav		
12	1	Karan Chinchpure	Identification of parameters for 3-D mass spring system (MSS) to simulate deformable objects	Prof. Suryawanshi
	2	Siddhay Maharao		
	3	Reuben Miranda		
	4	Nikhil Patil		
13	1	Piyush Chaudhari	Biogas reformation to Syngas using catalysis	Prof. Sabnis
	2	Omkar Ghate		
	3	Nihar Jathar		
	4	Gunesh Joshi		
14	1	Nitish Warriar	To design and develop car roof-top mounted windmill.	Prof. Dasgupta
	2	Clinton Rodrigues		
	3	Vijit Rai		
	4	Parthopratim Mandal		
15	1	Darryl Noronha	Design and development of effective Mobbing mechanism for solar collector	Dr. Y. Padiya
	2	Aditya Rane		

3 Astle Pinto 4 Pravin Raut 16 1 Noel Mathew Arakkal Public multilevel Parking System Prof Nilesh Ashley Norbert D'oruz 3 Gladin John Joseph 4 Troy Inchiparambil 17 1 Rohan Gangar Compact Agricultural Machine Prof. Madan 2 Karan Zope 3 Aaron Fernandes 4 Clinton Fernando 5 Sairaj Gawkar 18 1 Delon R Dsilva Road Power Generator Prof. Chavan 2 Clive Dsouza 3 Ulric Dsouza 4 Urmin S Gala 19 1 Glen D'souza Water bodies D'souza 3 Alston Furtado Experimental setup for the measurement for the determination of fin effectiveness and comparison of fin performance of various type of fins 2 Thekkumpuram 3 Savio Fernandes 4 Enoch Swamidas 5 Emil Geogy 1 Nograj Analysis of Hexapod and rapid prototyping 2 Vinayak B. Panda 3 Yash N. Patel 4 Abhishek R. Pimple Emmanuvel Joseph 2 Detection of fluoride ion impurity in drinking water water bodies on impurity in drinking water prof. Deepika					
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4 Troy Inchiparambil 17 1 Rohan Gangar Compact Agricultural Machine Prof. Madan 2 Karan Zope 3 Aaron Fernandes 4 Clinton Fernando 5 Sairaj Gawkar 18 1 Delon R Dsilva Road Power Generator Prof. Chavan 2 Clive Dsouza 3 Ulric Dsouza 4 Urmin S Gala 5 Glen D'souza Suspended Garbage collector for large water bodies Cyster Jerome 2 D'souza 3 Alston Furtado Experimental setup for the measurement for the determination of fin efficiency and fin effectiveness and comparison of fin performance of various type of fins 2 Thekkumpuram 3 Savio Fernandes 4 Enoch Swamidas 5 Emil Geogy Rishikesh Madan 1 Nagraj Analysis of Hexapod and rapid prototyping Prof. Hemant 2 Vinayak B. Panda 3 Yash N. Patel 4 Abhishek R. Pimple Emmanuvel Joseph Detection of fluoride ion impurity in drinking		2			
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4 Clinton Fernando 5 Sairaj Gawkar 18 1 Delon R Dsilva Road Power Generator Prof. Chavan 2 Clive Dsouza 3 Ulric Dsouza 4 Urmin S Gala 5 Suspended Garbage collector for large water bodies 5 Sashikant 7 Oyster Jerome D'souza 7 Alston Furtado 8 Experimental setup for the measurement for the determination of fin efficiency and fin effectiveness and comparison of fin performance of various type of fins 9 Thekkumpuram 1 Savio Fernandes 1 Enoch Swamidas 1 Emil Geogy 1 Rishikesh Madan 1 Nagraj 2 Vinayak B. Panda 3 Yash N. Patel 4 Abhishek R. Pimple 5 Emmanuvel Joseph 5 Detection of fluoride ion impurity in drinking		2	Karan Zope		
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19 1 Glen D'souza water bodies Dr. Sashikant Oyster Jerome 2 D'souza 3 Alston Furtado Experimental setup for the measurement for the determination of fin efficiency and fin effectiveness and comparison of fin performance of various type of fins Sterin 2 Thekkumpuram 3 Savio Fernandes 4 Enoch Swamidas 5 Emil Geogy Rishikesh Madan Nagraj Analysis of Hexapod and rapid prototyping Prof. Hemant 2 Vinayak B. Panda 3 Yash N. Patel 4 Abhishek R. Pimple Emmanuvel Joseph Detection of fluoride ion impurity in drinking		4	Urmin S Gala		
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21 1 Nagraj Analysis of Hexapod and rapid prototyping Prof. Hemant 2 Vinayak B. Panda 3 Yash N. Patel 4 Abhishek R. Pimple Emmanuvel Joseph Detection of fluoride ion impurity in drinking		5	Emil Geogy		
3 Yash N. Patel 4 Abhishek R. Pimple Emmanuvel Joseph Detection of fluoride ion impurity in drinking	21	1		Analysis of Hexapod and rapid prototyping	Prof. Hemant
4 Abhishek R. Pimple Emmanuvel Joseph Detection of fluoride ion impurity in drinking		2	Vinayak B. Panda		
Emmanuvel Joseph Detection of fluoride ion impurity in drinking		3	Yash N. Patel		
		4	Abhishek R. Pimple		
	22		Emmanuvel Joseph		Prof. Deepika
2 Arnold Dsouza		2	Arnold Dsouza		
3 Kinnaird Fernandes		3	Kinnaird Fernandes		
4 Daniel D'Souza		4	Daniel D'Souza		

23	1	Mascaren Samprus	Design and fabrication of sparger	Prof. Jenifer
		Burboz Rean		
	3	Tuscano Tanmay		
		Odell Mordes		
24	1	Chetan Tawade	Multi shape cutter	Prof. Sudhakar
	2	Ibad Tanki		
	3	Nitin Singh		
	4	Omkar Dhamdhere		
25	1	Ambesh Singh	Drainage management using Design Thinking	Dr. P. Nambiar
		Shantanu Tekade	9	
	3	Shraddha Khandare		
	4	Kaustubh Morye		
26		Rushabh Kakodkar	Termocouple callibration unit	Prof. Cleta
	2	Sumeet Devadiga		
	3	Sebastian Fernandes		
	4	Anselm Fonseca		
27	1	Aman Ahmed	Improvement and utilization of biogas plant at institute.	Prof. Pavan
	2	Aaron Akkara		
	3	Barath Alapatt		
	4	Leo Abraham		
28	1	Prathamesh Prasad Kale	Testing of wing swap mechanism for generation of lift during hovering	Dr. Sashikant
	2	Harshal Shyam Deshmukh		
	3	Yash Krishna Bhosale		
	4	Avinash Kailas Chaudhari		
			To study the treadmill and complete fabrication work and test for	
29	1	Leander Gonsalves	maintaining healthy living habits.	Prof. Johnson
	2	Ken Rodrigues		
	3	Jaison Fernandes		
	4	Neil Lopes		
30	1	Elton Passanha	Modification and enhancement in existing 3-D printer	Prof. Swapnil G
	2	Rohan Karande		
	3	Madhuri Gunjal		
	4	Robin Nadar		

			Fabrication and experimentation of natural circulation Loop with end Heat	
31		Sheraman Saldanha	Exchangers	Prof. Jenifer
		Sahil Parmar		
	3	Tushar Raina		
	4	Abhishek Janu		
32	1	Rayan Lobo	Gun recoil control system and application on UAV (Hoverdeck)	Prof. Bajirao
		Clive Lawrence	,	,
	3	Mervin Lobo		
		Shraddhesh Kamal		
	<u> </u>	omadanesii Kamai	Design and testing of Evaporative cooled	
33	1	Enoch Dsouza	condenser	Dr. Y. Padiya
	2	Vivian Dsouza		
	3	Atul Bakshi		
	4	Neeraj Tak		
34	1	Sheldon Coutinho	Torsion Spring Production Machine	Prof. Chavan
	2	Nabeel Sayed		
	3	Dwayne Mendonca		
35	1	Jino Joy Thoppil	To study the different types of Waste Disposal Equipment, design, fabricate and test for maintaining hygienic living habits.	Prof. Johnson
	2	Joy Nadar		
	3	Ashley Dsilva		
		Sanket Choudhary		
36	1		Fabrication and design of solar chimney for ventilation	Prof. Pavan
	2	Jheel Carvalho		
	3	Ricky Rodrigues		
	4	Aaron Rodrigues		
37	1	Chris Dsouza	Design and fabrication of a combustion chamber for a gas turbine	Prof. Babitha
	2	Royden Cordeiro		
	3	Mikhail D'Souza		
38	1	Ajinkya Bachhav	Ultrasonic fluid sensing device for calculating the quantity and quality of the fuel used	Prof. Nilesh
	2	Melwyn Pinto		
39	1	Nichol Rodrigues	Development of void faction measurement sensor	Dr. N. M. Rao
	2	Ashish Rasquinha		

Stanley Vijay Vini 3 Christober		
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