



SARASWATI Education Society's  
**SARASWATI College of Engineering**

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Kharghar, Navi Mumbai - 410 210.

Department of Mechanical Engineering

BE Project List

Academic Year 2019-20

Project Group No.	Name of Student	Project Title	Guide
MECH1	Gaurav Patil	Design and Fabrication of Automatic Braking and Bumper system using Sensor	Prof. M.B.Sorte
	Siddarth Thombre		
	Ajay Rathod		
MECH2	Shaikh Mohammed Umar	Experimental investigation on residual stresses generated by awj and shot peening process on welded joint	Prof Paramjit Thakur
	Aniket Shinde		
	Shaikh Mohammed Ahmed		
	Nitish Rai		
MECH3	Rahul Maurya	Application of lean manufacturing in aquaponics to reduce overall cost and improve productivity	Prof Paramjit Thakur
	Vishrut Kekatpure		
	Abhishek kulkarni		
MECH4	Rupesh Patil	Design of Solar Dryer with Flat plate Collector	Prof. M.B.Sorte
	Nandu Kamankar		
	Hemant Jadhav		
	Suraj Choudhary		
MECH5	Akash K Bhadrige	Design of Pressure Contoller for Fuel Injector Tester Modelling	Prof.Nilesh Chanewar
	Sandeep Girase		
	Manoj Natekar		
	Jitendra Mane		
MECH6	Jayesh mahajan	Fabrication of solar dryer with flat plate collector	Prof. Sreejith S
	Omkar ghadge		
	Kartik Ghuge		
	Darshan More		
MECH7	Rohit Patil	Design and development of Hybrid Water Cooler	Prof. Sandeep Jadhav
	Mayuresh Sarolkar		
	Prashant Bhole		
MECH8	Harshal Kotkar	Design and Analysis of Pulsataion Dampner	Prof. M.B.Sorte
	Hrishikesh Pawar		
	Shubham Patil		
	Sagar Chavan.		
MECH9	Komal Guldagade	Design and fabrication of Multipurpose Seed Sow Machine	Dr. Madan Jagtap
	Sagar jagtap		
	Siddhesh bhobekar		
	Soumitra Pal		
MECH10	Pankaj Suryavanshi	Extraction of fuel from waste Plastic	Prof. Vishal Bhagat
	Prasad Sutar		
	Amresh Vishwakarma		
	Akash Walunj		
MECH11	Shruti Thange	Application of tlbo in optimization of cutting parameters of wire EDM process	Prof Paramjit Thakur
	Swapnali Tambe		
	Anshu Singh		
	Soham Shirgaonkar		
MECH12	Jeevan Kumar	Development of an automatic system for derection of plum line and alignment of guide rail	Prof. Mitali Mhatre
	Vishal Pavane		
	Aakash Pawar		
MECH13	Prajakta Mahadik	Combining aquaponics and vertical farming for waterconservation and zero fertilizer: A pilot project	Prof Paramjit Thakur
	Yash Mhatre		
	Ketan Shimpi		
	Sairaj Kanse		
MECH14	Prathamesh Joshi	Investigation of properties of composite material filament in fused deposition modelliing	Prof. Prasanna Raut
	Suraj Ghadi		
	Chetan Golhe		
	Suraj Gaikwad		
MECH15	Vishal Jogdankar	Investigation of alternative material filament for fused deposition method	Prof. Prasanna Raut
	Prashant Gawli		
	Vaibhav Hiranik		
	Aishwarya Desale		

MECH16	Mony Suradkar	Design and Fabrication of Advanced Mine Detection and Defusing Robot	Prof.Sunil Jankar
	Ameya Mallya		
	Prathmesh Tambe		
	Mohammad Zeeshan		
MECH17	Pravin Palve	Fabrication of Solar assisted air conditioning using dessicant	Dr. Madan Jagtap
	Pradip Pimple		
	Shraddha Patil		
	Nayan Thakur		
MECH18	Vibhav Pothare	Design and Optimization of Solar assisted air conditioning using dessicant	Dr. Madan Jagtap
	Adarsh Prabhu		
	Omkar Khilari		
	Abhishek kumar		
MECH19	Yogesh Yadav	Prediction of depth of cut of submerged waterjet machnning of TI-6AL-AV	Prof Paramjit Thakur
	Krishnapal Rajpurohit		
	Mayur Patil		
	Dheeraj Singh		
MECH20	Yashwant Sawant	Effect of natural fibre on Bioplastic composite by using Experimental Method	Prof. Sunil Jankar
	Vinod Inkar		
	Omkar Patil		
	Harshad Thakur		
MECH21	Tushar Narendra Talware	Experimental Investigation on mechanical failure of Bio implant material for Orthopedic Application	Prof. M.B.Sorte
	Harshada Jamble		
	Kishan Teli		
	Akshay Sawant		
MECH22	Onkar Mohite	Biodiesel production from yellow oleander for S I Engine	Prof. Sandeep Jadhav
	Rushikesh Padekar		
	Mujjamil Nanband		
MECH23	Akash sangale	Fracture testing of Rice straw composites	Prof. Mugdha Dongre
	Dattatray pore		
	Amit Singh rawat		
	Dhananjay Chunchekar		
MECH24	Ravi Supe	Design and fabrication of Drainage water filter	Prof. M.B.Sorte
	Harshad Umtol		
	Mayur shirke		
MECH25	Deepakkumar Ram	Design of HAVC system of five star hotel.	Prof. Sunil Jankar
	Sadhaquat Shaikh		
	Bhagyashri Narkhade		
	Sayali Patil		
MECH26	Tushar Borse	Design and Fabrication of Air Jack	Prof. Vishal Bhagat
	Siddhesh Ghume		
	shardul Chakor		
	Vikram Paradke		
MECH27	Milind Rajaram khamkar	Fabrication of 3D printer	Prof. Devkant Baviskar
	Shrikant Gaikwad		
	Aditya Anil Bhoir		
	Vijay Ashok Hegishte		
MECH28	Vipul Patil	Fabrication of grain cleaning machine for Agriculture	Prof. Devkant Baviskar
	Jayesh Patil		
	Akashay Patil		
MECH29	Yash Kiran Prabhu	Implemenation of Four bar Mechanism in wheel Chair	Prof. Devkant Baviskar
	Abdullah Mohammed Sadique Shaikh		
	Viraj Vijay Danve		
	Prathmesh Sawardekar		
MECH30	Rohit Bandichode	Design and Fabrication of Automated Channel Cleaner	Prof. Devkant Baviskar
	Prathamesh Chavan		
	Siddhesh Main		
	Navneet Chavan		
MECH31	Ashish Dhumal	Mofification of polymer composite by using natural composition	Prof. Devkant Baviskar
	Manish Gaikwad		
	Suraj Jaiswar		
	Saurabh Matal		
MECH32	Akash Gadhawe	Production of Composite Material using Agricultral Waste	Prof. M.B.Sorte
	Aniket Hadawale		
	Rauth Rabishankar		
	Sachin Doke		

MECH33	Sayali Bhabal	Design and Fabrication of Solar Water Distillation with PCM and Nano Particle	Dr. Madan Jagtap
	Pallavi Bhosale		
	Swapnil Kashid		
	Gaurav Dethé		
MECH34	Saurabh Tahikar	Designing and manufacturing of air intake manifold of FASE car	Prof. Sandeep Jadhav
	Ameaya Jadhav		
	Chetan Kadam		
	Aakash Umalkar		
MECH35	Sagar Lakhawade	Home Automation Using Solar Energy	Prof. M.B.Sorté
	Naresh Choudhary		
	Sidhhant Kamble		
	Aakash Salunke		
MECH36	Rasika Bhavsar	Method and study analysis of production batch	Prof. Mitali Mhatre
	Rituja Jadhav		
	Pooja Kamble		
MECH37	Siddhesh Patil	Implementation of Automated Pesticides sprinkler in Existing Crop cultivation	Prof. M.B.Sorté
	Swati Narayankar		
	Prajakta Saste		
	Akash Hodge		
MECH38	Sanket Undre	Design and fabrication of Engine Dynamometer for KTM 390 Engine	Prof.Nilesh Chanewar
	Yash Shetty		
	Gaurav Singh Rawat		
	Omkar Kadam		
MECH39	Navin Kodam	Remapping of ECU of Engine KTM 390	Prof.Nilesh Chanewar
	Omkar Shinde		
	Vendang Mahurkar		
MECH40	Nupur Patil	Design and fabrication of electric power operated Exoskeleton in Health Industry	Prof.Nilesh Chanewar
	Vaibhav Chavan		
	shaikh mohd shazaan		
	Shailesh Jadhav		
MECH41	Aditya santosh Surve	Fabrication and characterisation of fscus Bengallensis (Banyan Tree Ariel roots)	Prof. Sreejith S
	Rasika Bhosle		
	Karuna Acharya		
	Dhammaratna Gaikwad		
MECH42	Jyoti B Gadekar	Experimental Investigation of double basin solar still system.	Prof. Sunil Jankar
	Krunal Dhawade		
	Sayali S Desai		
	Aman S Dewarkar		
MECH43	Akshay Khade	Design and Fabrication of Automated Pesticide Sprayer	Prof. Sreejith S
	Akshay Kate		
	Jayesh Marathe		
	Rohit Jadhav		
MECH44	Ashish Kondhari	Fabrication and characterization of bio composite using Bamboo fibre and epoxy resin	Prof. Sreejith S
	Kamini Shrikant		
	Sanket Kangutkar		
	Nikhil Avhad		
MECH45	Dattatray Gharge	Design and Fabrication of waste plastic to oil converter	Dr. Madan Jagtap
	Bhupesh Ghule		
	Prasad Chopade		
	Rushikesh Koshti		
MECH46	Suyash Sharad Patil	Design and Fabrication of Sugarcane bud cutting machine	Prof. M.B.Sorté
	Vijay Gambhir Patil		
	Hitesh Shankar Nirkar		
	Dhanjay Kailas Patil		
MECH47	Ajay Mukadam	Design and fabrication of Rice seeding planting machine	Prof. Pramod Mourya
	Praful Rathod		
	Chetan Mokal		
	Suraj Patil		
MECH48	Manish Hande	Hill Assist Control Using Ratchet And Pawl Mechanism To Avoid rolling of vehicle on slopes	Prof. Prasanna Raut
	Atish Bangar		
	Nikhil Barde		
	Rahul Gondhali		
MECH49	Soni Dhalpe	Experimental Investigation and performance evaluation of solar still	Prof. Mitali Mhatre
	Shahrulkh Inamdar		
	Harshal Bhoir		

MECH50	Yash Jadhav	Design ,analysis and Fabrication of a body work and chasis for race purpose	Prof. M.B.Sorte
	Yash Dalvi		
	Arnesh Kapse		
	Kedar Chavan		
MECH51	Shubham Bhaye	Pulsar 150 cc Engine Modification for Race Purpose	Prof. M.B.Sorte
	Unmesh Haryani		
	Shubham Bhatkore		
MECH52	Mayoj Ghutukade	Design,analysis and simulation of JATO nozzle to compare actual,analytical and theoretical results	Prof. Sunil Jankar
	Chetan Chaudhari		
	Rohit Bhalekar		
	Atul Bangar		
MECH53	Hemant Avhad	Design of automated seggigation and shreader system and heat simulation profile insimulation system	Dr. Madan Jagtap
	Bhivraj Mahajan		
MECH54	Rahul Racharla	Dsign and Fabrication of Automatic Rescue machine for agricultural/field borewell	Prof. Amol Bhagat
	Shubham Rane		
	Kaushal Khanjode		
	Sushma Wagh		
MECH55	Raturaj dilip Mestry	Automatic moisture and light controlling system of garden	Prof. Amol Bhagat
	Sahil Dapodkar		
	Siddhesh Nakashe		
	Shidhishivakumar Mattaparthi		