



**Department of Mechanical Engineering**

BE Project List

Academic Year 2021-22

Project Group No.	Name of Student (First Name Middle Name Last Name)	Project Title	Guide
Mech 1	Dhawal Vaibhav Vishwanath Vaidehi	Title- To analyse the impact of aerodynamic devices on vehicle speed and it's stability	Prof. Devkant Baviskar ME Machine Design
	Mhatre Rushikesh Ratnakar Rasika		
	Kadam Samar Buddhadas Kunda		
	Gaikwad Ketan Krishna Vanita		
Mech 2	SAHIL SUNIL CHANDHAVEKAR	Title of project- Design and fabrication of high speed vegetable cutting machine	Prof. Devkant Baviskar ME Machine Design
	Sumit Tukaram Mundhe		
	Dattatray Krishna Jadhav		
	ANIKET NANDKUMAR PATIL		
Mech 3	TANAWADE RAVINDRA NARENDRA ASHWINI	Design and fabrication of Automated Sanitization machine for Building's wall sanitization*	Prof. Devkant Baviskar ME Machine Design
	KANK AJINKYA MADHUKAR MOHINI		
	KHARATMOL OMKAR ANIL REKHA		
	KHAN MOHAMMED KAWISH		
Mech 4	KADAM SAYALI SHILVARDHAN SNEHAL	Design and Fabrication of Fully Automated Solar Grass Cutter	Prof.Sunil Jankar M TECH Thermal Engineering
	Sonawale Sahil Kumar Sushama		
	Suryawanshi Pratik Ramesh Vrushali		
	Salve Shweta Ashok Rohini		
Mech 5	Salunke Sahil Ajit Sangeeta	Analysis of Electric Vehicle for Various Troubleshooting	Prof.Sunil Jankar M TECH Thermal Engineering
	CHAVAN ADITYA DILIP DARPANA		
	Doshi Parth Hareesh Veebha		
	Jadhav Radhika Dattatray Sangita		
Mech 6	Pol Sidhant Bhausaheb	Design and Fabrication of Self Charging Electric Vehicle	Prof.Sunil Jankar M TECH Thermal Engineering
	Abhishek Ashok Kumar Bari		
	Viraj Rajendra Sharma		
	Namitha Sunil Nair		
Mech 7	PATIL SUSHANT RAGHUNATH VASANTI	Design and fabrication of Foldable Solar Panel Mechanism	Prof. M.B.Sorte, ME (Manufacturing System Engineering)
	Waydande Mangesh Vilas Sudha		
	SHIRSAT JAYESH PRADEEP SAVITA		
	Yadav Ketan Nitin Nikhita pokharkar pranay bhagwanta sangita		
Mech 8	DESHPANDE ABHISHEK SANJAY VARSHA	Design and Fabrication of electrically driven Automatic motorised multipurpose forklift for specific application	Prof. M.B.Sorte, ME (Manufacturing System Engineering)
	PHANSALKAR KEDAR UDAY APARNA		
	RAUT MAYURESH VIJAYKUMAR MINAKSHI		
	SUTAR ABHISHEK RAMAKANT MEENA		
Mech 9	Gumgaonkar Mrunal Namdeo Meena	A study on the pertinent problems faced by the metal and iron casting foundry	Prof. M.B.Sorte, ME (Manufacturing System Engineering)
	Patil Vikram Shivaji Vanita		
	CHAKOR VITTHAL SHIVAJI TARABAI		
	GODSE RUSHIKESH VISHWANATH		
Mech 10	Ramtel Vijay Govind	Portable Air Conditioner	Dr. Madan Jagtap (Manufacturing System Engineering)
	Bate yadnesh krishna		
	Gokhale Chinmay Manohar		
	Mankar pratik Atul		
Mech 11	GAYATRI BABANRAO PATARE	Design and Analysis of Pressure Vessels	Dr. Madan Jagtap (Manufacturing System Engineering)
	VIGHNESH RAMAKANT KELUSKAR		
	THUMMA MAYUR LAXMAN VARALAXMI		
Mech 12	Harsh Rakesh Upadhyay	Portable Air Conditioner	Dr. Madan Jagtap (Manufacturing System Engineering)
	Suraj udhav bodke		
	Shaikh shakir javed firdos		
	Pratike Ramesh Valhe		
Mech 13	Maingade Shubham Bajirav	Design and optimization of drone frame	Prof. Prasanna Raut ME CAD/CAM & Robotics
	Gole Raj Sudhir		
	Kadam Prathamesh Vijay		
	Zimal Hrithik Pandurang		
Mech 14	Hemant Chandan Banik	Design and analysis of multipurpose farming mechanism	Prof. Prasanna Raut ME CAD/CAM & Robotics
	Shubham Sanjay Mishra		
	Jayesh Aanandrao Ghevade		
	Darshan Sunil Bendale		
Mech 15	SHINDE PRATIK LAXMAN REKHA	Design and analysis of onion sorting machine	Prof. Prasanna Raut ME CAD/CAM & Robotics
	SARGAR SAI MURLIDHAR CHAYA		
	BALSARAF YASH ANKUSH PRAVINA		
	SAVLEKAR SIDDHIKESH DIPAK ANURADHA		
Mech 16	PANCHAL DEVEN ASHOK	Optimal selection of control factors in AWJ cutting of titanium grade 5	Prof Paramjit Thakur ME Production Engg
	PANCHAL VIVEK MAHENDRA		
	PATIL AVISHKAR VIJAY		
	SHETTY AKSHAY SATISH		
Mech 17	Tendolkar Dhanesh Nivrutti Netra	Application of evaporative cooling in farming: A metal core cylindrical evaporative cooler	Prof Paramjit Thakur ME Production Engg
	Tendolkar Bhavesh Nivrutti Netra		
	Katkar Onkar Vijay Vrunda		
	Patil Shweta Ananda Savita		
Mech 18	DESALE PRATIK NAVNEET MANISHA	Design & fabrication of growbed in aquaponic farming	Prof Paramjit Thakur ME Production Engg
	NATE SIDDHANT JAYWANT JYOTSNA		
	JADHAV VIVEK DEVIDAS USHA		
	GAJBHIV AKASH ANIL		
Mech 19	Koli Puru Jeetendra Yashoda	Fabrication of biofilter and piping in aquaponic farming	Prof Paramjit Thakur ME Production Engg
	Salunkhe Atharv Prakash Vanita		
	Kalpak Yashwant Gaikar		
	Silawat Sameer Hibab Jabunisha		

Mech 20	Akula Siddhi Mangesh Rashmi	Application of evaporative cooling in mushroom farming: A metal core cylindrical evaporative cooler	Prof Paramjit Thakur ME Production Engg
	Ghuge Rohit Dnayaneshwar Kanchan		
	Sonavane Ekta Vilas		
	Gosavi Aniket Ashok Vinaya		
Mech 21	P PRASANNA VENKATESH	APPLICATION OF WASTE MATERIAL FOR MAKING BIODEGRADABLE PLATE: FABRICATION AND DEVELOPMENT	Prof. Pramod Mourya ME Machine Design
	SAHIL DEEPAK MORE		
	KARTIK SHANKAR MADYE		
Mech 22	Gaurav Bhau Dalvi	SELECTION OF BEST ALTERNATIVE FOR BIODEGRADABLE PLATES BY VALUE ENGINEERING	Prof. Pramod Mourya ME Machine Design
	Chinmay Chandrakant Shinde		
	Shreyas Santosh Padyal		
Mech 23	WAGH LOKESH GAJANAN YASHOMATI	Experimental analysis of delamination of CRPF using machine learning models	Prof. Pramod Mourya ME Machine Design
	SAVALE PRANIL SHARAD URMILA		
	SHIKHARE SNEHA BABASAHEB VAISHALI		
	BAROT HIRAL GOVIND MALTI		
Mech 24	Shaikh Mohd Hashim Akbar	Fabrication of Mechanical Raking Beach Cleaner with Offset Tine	Prof. Sreejith S, ME Design
	SABLE SHAKIR ABDUL RAHIMAN		
	CHHAPRA ANAS ASHRAF		
	SHAIKH SAAD SHAKIL		
Mech 25	Gole Aishwarya Vijay Suvarna	Development & Fabrication of Sun Tracking Solar Panel with Cleaning System	Prof. Sreejith S, ME Design
	Dhobale ketna Bhagwan shila		
	Ghag Sujesh Shridhar Shobha		
	Bhoite Rushikesh Rajendra Sunita		
Mech 26	Gaikwad Shubham	Automatic pani puri serving machine	Prof. Sreejith S, ME Design
	Kanojiya Ashish		
	More Shyam		
Mech 27	PASTE PRATHAMESH SOPAN SUPRIYA	Design of Automated wheelchair	Prof. Mugdha Dongre ME Manufacturing system Engineering
	PADALKAR AKSHAY MUGUTRAO SANGEETA		
	Sonawane Abhijeet Ganpat Anita		
	Singh nikhilkumar naveenkumar		
Mech 28	Chavan Omkar Laxman	Design and fabrication of automatic bottle cleaning machine	Prof. Mugdha Dongre ME Manufacturing system Engineering
	CHAVAN SAURABH SANTOSH SAMITA		
	CHAVAN VIVEK MANOHAR SUREKHA		
	CHINCHKAR SHRIDHAR DATTATRAY SARIKA		
Mech 29	LOKHANDE RATNADEEP PADMAKAR SUNITA	Experimental investigation of mechanical properties for turning process with process optimization	Prof. Mugdha Dongre ME Manufacturing system Engineering
	PATIL AKSHAY RAVSAHEB SHARDA		
	KARANDE AKSHAY MARUTI LAXMI		
	JAISWAL GAURAV SURESH PRAMILA		
Mech 30	Siddhesh Janardan barate	EXTRACTION OF FUEL FROM WASTE PLASTIC USING Pyrolysis Method & Property Evaluation	Prof. Mitali Mhatre M TECH Manufacturing
	Kautik tare		
	Ninad desai		
	Shreyash khaire		
Mech 31	PALAN TUSHAR KRISHNA JAYASHREE	Design of battery packed model for Tata Nexon:A case study	Prof. Mitali Mhatre M TECH Manufacturing
	KHANDE VAIBHAV RAM LAXMI		
	TAMBE PARTH NUTAN PRIYANKA		
	SONAWALE VIGHNESH MAHENDRA NIRMALA		
Mech 32	Ashutosh Ashok Kapadnis	Frequently Damage of Filter cloth in pressure ,filter. (Case Study in JSW Steel,Dolvi)	Prof. Mitali Mhatre M TECH Manufacturing
	Shubham nandkishor kamthe		
	Sarathi sunil kamble		
	Prasad Chandrabhan Pardhi		
Mech 33	AMBEKAR SAURABH DEELIP	A Technological combination for smart application based on AI & ML	Prof Nalini Deepthi Mtech CAD/CAM
	Shinde Sanket Chandrakant		
	Kamble Yash Rajesh		
	Maity Sudeep Ashok		
Mech 34	YOGESH NAVNATH JAGDALE	Application of Artificial neuron network in prediction roughness: A case study in turning of stainless steel	Prof Nalini Deepthi Mtech CAD/CAM
	KRUSHNA BHAGWANT NEMLEKAR		
	MANDAR KIRTI TAMBAT		
	ADITYA CHANDRASHEKHAR SAVEKAR		
Mech 35	Anchalkar Aryan Raju Sharmila	IOT Based system	Prof Nalini Deepthi Mtech CAD/CAM
	PAGAR SIDDHESH SURESH NILPRABHA		
	Choramale Rahul Tukaram Bhagyashree		
Mech 36	Birwadkar Kartik Sachin Shefali	Multipurpose Water Impurities and Beach Sand Cleaning Machine	Prof. Devkant Baviskar ME Machine Design
	Bhojane Ayusha Sundar Archana		
	Wankhade Prajwal Prabhakar Seema		
	Khutikar Ganesh Chandrakant Rekha		
Mech 37	Chawdhary Alpesh Bhimji	Optimization of Plastic Waste into Crude Oil converter .its Purification and Comparative Analysis with standard fuel	Prof. M.B.Sorte, ME (Manufacturing System Engineering)
	NIKHIL SANTOSH SAWANT		
	Sawant Sarvesh Vikas		
Mech 38	Pawar Abhishek Deepak	IoT based cloud smart door lock system	Prof. Devkant Baviskar ME Machine Design
	Gaud Sikrant Ramesh		
	Vaibhav brajesh babali prajapati		
	Lodh Rahul Ramlal		
Mech 39	Sargar akshay Digambar	To optimize the efficiency of cap sleeving machine by reducing systematic errors	Prof. Vishal Bhagat, CAD/CAM Robotics
	Zaware tushar shashikant		
	KANSE SANDESH KASHINATH		
	Jagdale ajit Nivrutti		
Mech 40	DESHMUKH RUTIK HINDURAO	Prahaar Project( To improve Drivetrain efficiency of Electrical Vehicle	Prof. Vishal Bhagat, CAD/CAM Robotics
	Piyush Talwalkar		
Mech 41	Aditya Jadhav	Design & fabrication of Sugarcane Harvesting machine	Prof. Vishal Bhagat, CAD/CAM Robotics
	Vipul Narayan Bhagat		
	Pratik Santosh Shinde		
	Pradip pandurang Borye		
Mech 42	ASHUTOSH DINKAR KUTE	Design and Fabrication of Electricity Generating Shock Absorber using Rack & Pinion mechanism	Prof. M.B.Sorte, ME (Manufacturing System Engineering)
	Eashan Bhandwalkar		
	Chinmay Ashok Narkar		
	Siddhesh khandge		
	Prathamesh bhosaleq		
Mech 43	Sarthak prabhushirodkar	Design and Fabrication of forearms machine for electric power generation.	Prof.Sunil Jankar M TECH Thermal Engineering
	Shirish Hattarkar		
	Aniket Baban Kapadi		
	Prathamesh Devidas Patil		

Mech 44	Rohan Walhekar	Design and analysis of Hybrid Chimney or fabrication of Hybrid chimney	Prof. Amol Bhagat, CAD/CAM Robotics
	SHINDE SHUBHAM GOKUL SHOBHA		
	JADHAV SHUBHAM GENABHAU ALKA		
Mech 45	GIRKAR MUSAIB MANSUR SURRAIYA	DESIGN AND PRODUCTION WORKFLOW OF PLASTIC INJECTION MOULDS & TOOLS	Prof. Amol Bhagat, CAD/CAM Robotics
	MALI PRATIK SAVANTA SHEETAL		
	RATHOD PAYAL BHIDAS VARSHA		
Mech 46	SONAR SONU SURENDRA BOBBY	Analysis of Vertical Axis Wind Tubine	Prof. Amol Bhagat, CAD/CAM Robotics
	Patil Ashvini Liladhar Snehal		
	Shaikh Wali Ahmed Abdul Majid		
Mech 47	Shubham Taranath Sawant	Design and Analysis of Aerodynamic Wind turbine	Prof Sagar Kadu ME (Thermal Engineering)
	Swapnil sadanand jadhav		
	Prasad Pradeep Suryawanshi		
Mech 48	Singh Rudransh Bipin Shashikala	DESIGN and fabrication of Fire Fighting Robot	Prof Sagar Kadu ME (Thermal Engineering)
	Mhatre Vishal Pradip		
	Tamhane Omkar vijay		
Mech 49	Kharavatekar Tushar Suraj	Designing and analysis of cryogenic storage vessel	Prof Sagar Kadu ME (Thermal Engineering)
	Chauhan Dheeraj Radheshyam		
	Priyanka Ashok Panda		
Mech 50	Umang Ulhas Gedam	DESIGN FABRICATION AND EXPERIMENTAL ANALYSIS OF AIR CONDITIONER BY PELTIER'S MODULE	Prof Sandeep Jadhav ME(Manufacturing Systems)
	Girish Tilak Khainal		
	BELOSE PRATHAMESH PRAMOD GEETA		
Mech 51	BHERE VIKAT VISHNU VISHAKHA	Design and fabrication of AC Water Heater	Prof Sandeep Jadhav ME(Manufacturing Systems)
	GUPTA RAVI KUMAR ROOPCHAND		
	SAWANT CHAITANYA SANTOSH CHHAYA		
Mech 52	SARANKULU JAY ANJANI SUSHILA	Fabrication of Octa walker	Prof Sandeep Jadhav ME(Manufacturing Systems)
	SWARAJ RAVINDRA BAMNE		
	CHAITANYA RAVINDRA TAMBADE		
Mech 53	Prasand prakash shinde	Design and Analysis of Electric Vehicle	Prof.Nilesh Chanewar, ME Manufacturing system engineering
	SHINDE SARVESH SANTOSH SEEMA		
	POKHARKAR OMKAR BHARAT SUREKHA		
Mech 54	DONGARE SANKET MAHESH NIRMALA	Design and Development of Prototype Robotic Arm	Prof.Nilesh Chanewar, ME Manufacturing system engineering
	PHATAK SAIRAJ ASHOK SHRADDHA		
	JADHAV NIKHIL VITTHAL VIJAYA		
Mech 55	Padir Mayuresh Ambadas Sujata	Design and fabrication of pneumatic hammer machine	Prof.Sunil Jankar M TECH Thermal Engineering
	PADALKAR SURAJ KISAN MINAKSHI		
	KAWLE SUSHANT ASHOK SHOBHA		
Mech 56	KALEKAR SAURABH BHAGWAN BHAGYASHREE	Prediction of tool wear using regression and ANN models in end-milling operation	Prof Sneha Burnase MTECH in Electronics Engineering
	GORE SURAJ TUKARAM SHAILA		
	Gaikwad sanchit Raju vandana		
Mech 57	More Abhijit Raghu Bharati	Design and fabrication of Rocker Bogie mechanism vehicle for ag	Prof Sneha Burnase MTECH in Electronics Engineering
	Ramgade Vinayak Santosh Snehal		
	Chile Rahul Chandrakant		
Mech 58	Patil Jatin Arun Ashwini	Power generation using photovoltaic system.	Prof Sneha Burnase MTECH in Electronics Engineering
	KADU SUCHIT GANESH RAJASHREE		
	JADHAV GANESH ASHOK CHHAYA		
Mech 59	YADAV AKSHAY ANANT ANITA	Power generation using photovoltaic system.	Prof Sneha Burnase MTECH in Electronics Engineering
	Alji Mafiz Mujibh		
	Bamne Zain Rafiq Ahmed		
Mech 60	Aklekar Umer Mukhtar Ahmed	Power generation using photovoltaic system.	Prof Sneha Burnase MTECH in Electronics Engineering
	Kondvilkar Atique Arif Asgari		
	Rathod Vaishnav Uttam Lalita		
Mech 61	Thakare Pranav Dilip Damini	Power generation using photovoltaic system.	Prof Sneha Burnase MTECH in Electronics Engineering
	Yadav Dinesh Havaladar Rajbashi		
	Mokashi Pratik Santosh Shalini		
Mech 62	MEDHE AKASH MAHENDRA NIRMALA	Power generation using photovoltaic system.	Prof Sneha Burnase MTECH in Electronics Engineering
	BHOYE PRATIK SURESH KALPANA		
	MOKAL SAHIL SUDHAKAR SUNITA		
Mech 63	KAMBLE SAURABH VILAS SUREKHA	Power generation using photovoltaic system.	Prof Sneha Burnase MTECH in Electronics Engineering