

## INHOUSE PROJECTS

Academic Year	Roll No	Student Name	Project Title
2018-19	15BME003	ARJUN AJITH KUMAR	Comparison of TIG, A-TIG, FB-TIG and FZ-TIG welding of duplex stainless steel
2018-19	15BME004	JAYDEEP BANSAL	CFD Analysis of wake interferences of multiple wind turbines subject to varying hub height of wind turbine
2018-19	15BME005	BIPLAB BASUMATARY	Tool wear monitoring
2018-19	15BME008	SHUBHAM BHARTEE	EDM and its variants of Super Alloys.
2018-19	15BME012	BHATT MOHIL NIRAJBHAI	Wind power extraction methods
2018-19	15BME013	BHAVSAR DHRUMIN NIMESHKUMAR	Wind power extraction methods
2018-19	15BME014	KRISHNA BHUVA	Climate change forecasting
2018-19	15BME020	CHOKSI MEHUL AMITKUMAR	Wind power extraction methods
2018-19	15BME023	ASHISH DANI	Crack Detection in Beam like Structures
2018-19	15BME028	DESAI ADITYASINH DINESHSINH	Crack Detection in Beam like Structures
2018-19	15BME029	DEWANG SURESH GANDHI	Comparative analysis and multi-objective optimization of ejector refrigeration system
2018-19	15BME036	GONE ABHISHEK ASHOKBHAI	Development of numerical model for Additive manufacturing process
2018-19	15BME038	HANSALIA NEEL PARESHKUMAR	Design of heat exchanger for solar gas-turbine using MATLAB
2018-19	15BME044	ARVINDBHAI JOGRANA	Multiple process parameter optimization of wire electrical discharge machining on Inconel 718
2018-19	15BME046	JOSHI DHARA MAHENDRAKUMAR	Wind Energy driven Reverse Osmosis System
2018-19	15BME047	JOSHI DHRUPAD PRAKASHKUMAR	Thermo mechanical studies in fused filament extrusion process.

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2018-19	15BME048	JOSHI KAUSHAL RASHMIKANT	CFD Analysis of wake interferences of multiple wind turbines subject to varying hub height of wind turbine
2018-19	15BME050	SHANAY KHARIDIA	Feasibility study of micro turning with Wire-EDM
2018-19	15BME053	HIREN KUMAR	Thermo mechanical studies in fused filament extrusion process.
2018-19	15BME055	LALCHANDANI SARTHAK ARUN	CFD Analysis of Condensation of Saturated steam filled in a closed chamber by circulating coolant through a pipe
2018-19	15BME056	LUNECHIYA UDDESH DINESHKUMAR	Performance evaluation of solar air heater with thermal storage
2018-19	15BME061	MEMON MOHAMED HAARIS ASHFAQUE AHMED	Multiple process parameter optimization of wire electrical discharge machining on Inconel 718
2018-19	15BME062	MODI NISIT MUKESHKUMAR	Performance evaluation of solar air heater with thermal storage
2018-19	15BME071	PAREKH MANTHAN ATULKUMAR	Numerical Simulation Of Friction Welding Of Dissimilar Metals Based On Abaqus Environment.
2018-19	15BME072	PAREKH PARTHKUMAR DASHRATHBHAI	Study and Development of Nitinol based engine and other smart materials application.
2018-19	15BME073	VISHRUT TEJAS PARIKH	Feasibility study of micro turning with Wire-EDM
2018-19	15BME074	PARMAR MANHARKUMAR DANABHAI	Repairing of macro defects for dissimilar friction welded joints
2018-19	15BME076	PATEL CHINTAN ASHOKKUMAR	Numerical Simulation Of Friction Welding Of Dissimilar Metals Based On Abaqus Environment.

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2018-19	15BME081	PATEL JAY BABUBHAI	Application of artificial neural network in wind resource assessment
2018-19	15BME082	JAY PATEL	Feasibility And Experimentation Of FSAW (Friction Stir Additive Manufacturing)
2018-19	15BME083	PATEL MIILIND MANILAL	Thermal modelling and optimization of vapour absorption refrigeration system
2018-19	15BME086	PATEL NIHAL MAHENDRABHAI	Performance evaluation of solar air heater with thermal storage
2018-19	15BME090	PATEL PREXA PIYUSHKUMAR	Comparative analysis and multi-objective optimization of ejector refrigeration system
2018-19	15BME093	PATEL PURVA ASHWINKUMAR	Numerical Simulation Of Friction Welding Of Dissimilar Metals Based On Abaqus Environment.
2018-19	15BME096	PATEL SANKETKUMAR VISHNUBHAI	Thermal modelling and optimization of vapour absorption refrigeration system
2018-19	15BME100	PATEL VANSH VIPUL	Re assessment of wind energy potential of wind prone states of India
2018-19	15BME101	PATEL YAGNESHKUMAR YOGENDRABHAI	Repairing of macro defects for dissimilar friction welded joints
2018-19	15BME103	EASHANG PRAJAPATI	Design of heat exchanger for solar gas-turbine using MATLAB
2018-19	15BME104	RATHOD KULDEEP NATUBHAI	Elevated temperature Wear behavior of Aluminium Alloy
2018-19	15BME107	JINESH SANGHVI	Investigation of Image Processing techniques for fault diagnosis

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2018-19	15BME109	SHAH DHVANIL DHARMENDRA	Design of heat exchanger for solar gas-turbine using MATLAB
2018-19	15BME111	SHAH MEET BHAVIK	Fracture studies on parts manufactured by fused filament extrusion process.
2018-19	15BME112	PRIYANK SHAH	Industrial waste water treatment through EDM, ECM and absorbent
2018-19	15BME113	SAPAN RAKESH SHAH	Swarm robotics and control
2018-19	15BME116	NAMAN TEJASWI	Feasibility And Experimentation Of FSAW (Friction Stir Additive Manufacturing)
2018-19	15BME119	HARSHIT THAKKER	Investigation of Image Processing techniques for fault diagnosis
2018-19	15BME120,	NIKHIL TIWARI	Fault dignostics of bearings
2018-19	15BME121	VARIA DHRUV PRAFULBHAI	Swarm robotics and control
2018-19	15BME122	VORA HARSHID MUKESH	Design and modeling of a quad copter for cleaning inaccessible regions
2018-19	15BME124	SHAH DHRUV SHRIPAL	Design, modeling and simulation of automatic cricket bat knocking machine
2018-19	15BME125D	BHEDA VEER SHARAD	Lubricated Wear behavior of Aluminium Alloy
2018-19	15BME127D	BHOGESARA AAKASH HARISH	Investigation on the Effect of Superplastic Behavior in Aluminium Alloys by the Application of Friction Stir Processing (FSP)
2018-19	15BME132D	DAVE HARSH KAILASHBHAI	Lubricated Wear behavior of Aluminium Alloy
2018-19	15BME134D	GOHEL ASHUTOSH MUKESHKUMAR	Investigation on the Effect of Superplastic Behavior in Aluminium Alloys by the Application of Friction Stir Processing (FSP)

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2018-19	15BME135D	JHAVERI ROMIL RAJESH	Lubricated Wear behavior of Aluminium Alloy
2018-19	15BME137D	MEHTA MUNJAL SHAILESH	Investigation on the Effect of Superplastic Behavior in Aluminium Alloys by the Application of Friction Stir Processing (FSP)
2018-19	15BME140D	PANDYA SMIT JAYESHKUMAR	Determination of MRR, TWR with the help of signal processing and image processing techniques
2018-19	15BME142D	PATADIA BHARGAV BHAVESH	CFD Analysis of flushing of non-condensable gases from a chamber by saturated steam
2018-19	15BME143D	PATEL HARSHIL NATUBHAI	CFD Analysis of flushing of non-condensable gases from a chamber by saturated steam
2018-19	15BME146D	ROHAN RAJESH LODAYA	Climate change forecasting