

INHOUSE PROJECTS

Academic Year	Roll No	Student Name	Project Title
2019-20	16BME003	ADITYA SINGH	Development of Friction Stir Welding-Based Additive Manufacturing Techniques
2019-20	16BME006	AMAAN SHAHANA	Use of photogrammetry technique for design of prosthetic limp
2019-20	16BME007	AMIN ANIKET RAMANLAL	Conventional and advanced exergy analysis of an ejector refrigeration system
2019-20	16BME008	ANIKET MUSMADE	Friction stir processing of aluminum alloy
2019-20	16BME011	ANSHUL THAKUR	Friction stir processing of aluminum alloy
2019-20	16BME014	AYUSH MADHOGARIA	Conventional and advanced exergy analysis of an ejector refrigeration system
2019-20	16BME019	DEEP MORZARIA	Numerical solution of Navier-stoke equation- EVM & FDM approach
2019-20	16BME021	DEVAM PATEL	Appliances energy forecasting and prediction using Machine learning techniques
2019-20	16BME025	DODIA RUSHIRAJ VIJAYSINH	Ultrasonic welding of dissimilar metals
2019-20	16BME028	FARHAN KHIMANI	High surface composites of Cu using FSP
2019-20	16BME029	FOFARIA MIHIR NARESH	Vibration control of FGM plate using actuators and sensors
2019-20	16BME031	GHASURA SAADKHAN JAHANGIRKHAN	Downscaling techniques for climate models
2019-20	16BME036	HUDKA URJIT SHAILESHKUMAR	Technologies for future transport vehicles
2019-20	16BME040	KARAVADRA VIJAY KANABHAI	Surface integrity of WEDMed surface of shape memory alloys
2019-20	16BME043	LUHAR PARTH VIJAYKUMAR	Sustainable Energy Systems

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2019-20	16BME045	MAKWANA NITINKUMAR JAGDISHBHAI	Parametric Optimization of Electric Discharge Machine using Taguchi and ANOVA Approach
2019-20	16BME049	MODH MANAN AJAYKUMAR	Experimental investigation of vapour adsorption system
2019-20	16BME050	MODI CHIRAG CHETANKUMAR	Low cost water treatment techniques and demonstration
2019-20	16BME051	MOHIT L MUNDRA	Supply chain management
2019-20	16BME052	MOHIT VADGAMA	Appliances energy forecasting and prediction using Machine learning techniques
2019-20	16BME056	NIKHIL JOSHI	Experimental investigation of Dessicant based VCR system for cooling of air
2019-20	16BME058	NISHANT DUGGED	Supply chain management
2019-20	16BME061	OZA PARTH KIRANBHAI	Low cost water treatment techniques and demonstration
2019-20	16BME062	PANCHAL MRUNAL NILESH	Error estimation encountered during conversion of CAD file into STL file
2019-20	16BME063	PARAS L LAUMAS	Study and optimization of thermal performance of equipment's undergoing solidification and melting processes
2019-20	16BME064	PARMAR AAKASHKUMAR KIRTIBHAI	Parametric Optimization of Electric Discharge Machine using Taguchi and ANOVA Approach
2019-20	16BME065	PARMAR MANN PANKAJBHAI	Investigation of cooling arrangement for Li-ion battery
2019-20	16BME068	PATEL DEEP RAJENDRABHAI	Investigation of cooling arrangement for Li-ion battery

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2019-20	16BME069	PATEL DEVAX DIVYESHBHAI	Inventory control in a centralized distribution network
2019-20	16BME072	PATEL PARTH CHETANBHAI	Downscaling techniques for climate models
2019-20	16BME073	UJJAWAL JHA	Li-ion battery cooling system
2019-20	16BME074	PRAJAPATI FENILKUMAR PRAKASHBHAI	Study of A-TIG welding process on super alloys
2019-20	16BME076	PRATIK DIPENBHAI SHAH	Energy and exergy analysis of a hybrid renewable energy system
2019-20	16BME078	RACHHADIYA DONALD DILIPKUMAR	Vibration control of FGM plate using actuators and sensors
2019-20	16BME083	RATHOD RAHUL BIPINBHAI	Study of A-TIG welding process on super alloys
2019-20	16BME084	RISHABH NAIR	H-DH based water desalination system using VCR system
2019-20	16BME085	ROHIT V IYER	Theoretical development in Vibration based crack detection in pipe like structure
2019-20	16BME086	SAGAR MULANI	Experimental and theoretical investigation of Humidification-Dehumidification based water desalination system operated on VCR system
2019-20	16BME087	SAMIE KHOSRAWI	Heat transfer enhancement techniques in pool boiling
2019-20	16BME088	SANDEEP YADAV	Development and design of amphibious drone
2019-20	16BME090	SEKHALIA ASHISH NARSINHBHAI	Simulation of composite flat-tapered land thrust bearing
2019-20	16BME093	SHAH DHAIRYA ASHISH	Multi-generation System for heating, cooling and pure water production

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Academic Year	Roll No	Student Name	Project Title
2019-20	16BME095	SHAH HONEY ATULKUMAR	Experimental and theoretical investigation of Humidification-Dehumidification based water desalination system operated on VCR system
2019-20	16BME100	SHAH PARAM BHADRESH	Simulation of composite flat-tapered land thrust bearing
2019-20	16BME105	SHREYAS DALVI	Heat transfer enhancement techniques in pool boiling
2019-20	16BME106	SHUBHAM SHARMA	Advance automotive techniques
2019-20	16BME108	SOJITRA HARSHILKUMAR PRAFULBHAI	Grain refinement using solid state processing
2019-20	16BME112	SUMIT SINGH	Experimental investigation of Dessicant based VCR system for cooling of air
2019-20	16BME115	THAKKAR MEET PRAVINBHAI	Ensemble techniques for Climate models
2019-20	16BME116	TIRTH PATHAK	H-DH based water desalination system using VCR system
2019-20	16BME117	TRIVEDI JITARTH	Theoretical and numerical study of melting heat transfer.
2019-20	16BME118	TRIVEDI SOHAM CHANDRESHKUMAR	Experimental investigations of spark erosion machining technique for shape memory alloy
2019-20	16BME120	VARALIKAA PAUL	Transportation model of the future
2019-20	16BME121	VEDANT S ASAWA	Inventory control in a centralized distribution network
2019-20	16BME122	VERMA HARSH PYARELAL	Advancement in Heat Exchangers for waste heat recovery
2019-20	16BME124	YASH PARMAR	Advancement in Heat Exchangers for waste heat recovery
2019-20	16BME125	YEDLA SUMANTH	Ensemble techniques for Climate models

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Academic Year	Roll No	Student Name	Project Title
2019-20	16BME126	ZAINIL MEHTA	Sustainable Energy Systems
2019-20	16BME127	AAMIR RAJAKBHAI PIRANI	Natural convection with phase-change processes.
2019-20	16BME128	AGRAWAL RISHABH VINAYKUMAR	Energy and exergy analysis of a hybrid renewable energy system
2019-20	16BME130	CHAITANYA BARKATE	Experimental investigations of spark erosion machining technique for shape memory alloy
2019-20	16BME131	DIPEN GHANSHYAMBHAI KAVATHIYA	Towards the analysis of Bio-inspired composites under Impact loading
2019-20	16BME135	KIRITPALSINH PRADIPSINH PARMAR	Towards the analysis of Bio-inspired composites under Impact loading
2019-20	16BME136	MEHTA KANDARP DILIPKUMAR	Thermal storage based solar dryer
2019-20	16BME137	PARAVILA NIKHIL JOHNY	Li-ion battery cooling system
2019-20	16BME138	PATEL AKSHAY HARKISHANBHAI	Solar assisted heat pump for air heating
2019-20	16BME142	PUROHIT VIRAJ NARAYANBHAI	Design, dynamics and control of a surveillance quadcopter drone
2019-20	16BME143	RAVAL HARSH MUKESHKUMAR	Solar assisted heat pump for air heating
2019-20	16BME144	SONI MILAN MANOJKUMAR	Thermal storage based solar dryer
2019-20	16BME145	SACHIN SHAH	Design, dynamics and control of a surveillance quadcopter drone
2019-20	16BME146	SAYUJYA PALLAV VAISHNAV	Impact of climate change in offshore wind energy.
2019-20	16BME150	HOTCHANDANI MAYANK VASUDEV	Theoretical development in Vibration based crack detection in pipe like structure
2019-20	16BME151	PATEL HARNISH HITESH	Machining of fibre reinforced plastics
2019-20	16BME153	PATHAN MOH ZAID AYA Z KHAN	Machining of fibre reinforced plastics

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2019-20	16BME154	SHAH VIHAR VIPULKUMAR	Impact of climate change in offshore wind energy.
2019-20	16BME157D	HASNANI REEFAZ RAFIKBHAI	Grain refinement using solid state processing
2019-20	16BME158D	KADAVALA JAIMIN LAKHANBHAI	Ultrasonic welding of dissimilar metals
2019-20	16BME160D	KESHWALA NILESH RAMBHAI	Surface integrity of WEDMed surface of shape memory alloys
2019-20	16BME162D	MODI FENIL PRAKASH	A novel method for nanometric level texturing
2019-20	16BME166D	PATEL KANDARP HARSHAD KUMAR	A novel method for nanometric level texturing
2019-20	16BME173D	SOLANKI JAY JITENDRAKUMAR	Experimental investigations of wire electric discharge machining technique for shape memory alloys.
2019-20	16BME175D	SUTHAR RISHABHKUMAR RAKESHBHAI	Experimental investigations of wire electric discharge machining technique for shape memory alloys.
2019-20	16BME177D	TRIVEDI YASHKUMAR JANAKKUMAR	Multi-generation System for heating, cooling and pure water production