

Project Laboratory

The Project laboratory plays a key role in promoting practical and hands on learning experience throughout the program. The goal of the Project Laboratory in the Department is to offer students with the necessary resources and space they need to accomplish their mini and major project tasks. The laboratory also acts as a gathering place for student groups working on team projects. The majority of students used this project laboratory to work on additional learning projects to improve their conceptual understanding of the course.

Following dedicated project laboratories of the department are used by students for their project work:

- 1. Hi-Tech Laboratory:** A Hi-Tech Lab is a specialized facility provided in department that is dedicated to hands-on, collaborative, and experiential learning through the completion of real-world projects. This lab serves as a dynamic workspace where students can apply theoretical knowledge to practical applications, fostering creativity, problem-solving skills, and teamwork. One primary use of this Lab is in student-led design and innovation projects. Here, students can tackle complex engineering challenges, create prototypes, and develop solutions to real-world problems. They gain experience in project management, from concept development and design to execution and testing.
- 2. Central Workshop:** The Central Workshop Lab serves as a specialized facility where students can gain hands-on experience with a wide range of power tools and equipment used in manufacturing, fabrication, and construction processes. This lab is essential for imparting practical skills that are crucial for future engineers. Students can work on projects involving metalworking, woodworking, and composite material processing. They learn how to use tools such as drills, saws, grinders, and welding equipment to create and assemble components.
- 3. MODROBS Computational Fluid Dynamics Laboratory:** This Laboratory is a crucial facility for engineering students, particularly those focused on fluid mechanics and aerodynamics. This lab provides a platform for students to simulate and analyze complex fluid flow phenomena using advanced computer software and high-

performance computing resources. Students can work on projects involving the design of aircraft wings, automotive bodies, other aerodynamic surfaces and to study airflow patterns, pressure distributions, and lift and drag characteristics, enabling them to optimize the performance of vehicles and structures. Additionally, the lab is essential for thermal and heat transfer projects. Students can simulate heat exchange processes in heat exchangers, electronics cooling systems, and other thermal devices. This allows for the design and optimization of efficient heat transfer system

Following curriculum laboratories of the department are also used by students for their project work:

1. Computer Aided Design&Computer Aided Manufacturing Laboratory:In Computer Aided Design (CAD) laboratory, students can meticulously design and conceptualize their projects using advanced software. They can create detailed 2D and 3D models, simulate real-world conditions, and conduct thorough analyses. This enables them to refine their concepts and ensure they meet design requirements. In Computer Aided Manufacturing (CAM) laboratory, students can translate their virtual designs into physical prototypes or even small-scale production runs. They gain hands-on experience with a range of manufacturing equipment, including CNC machines and 3D printers. This allows for precise and efficient manufacturing, optimizing factors like cost, time, and material usage. Moreover, these labs encourage collaborative work. Students can form teams to tackle complex projects, fostering teamwork, communication, and problem-solving skills. They also learn to document their designs comprehensively, creating a thorough project portfolio. Ultimately, the CAD and CAM labs serve as incubators for innovation and creativity.

2. Automobile Engineering Laboratory: The automobile laboratory provides a hands-on environment where students can apply theoretical knowledge to practical projects related to automotive design, testing, and innovation. In this lab, students have access to a range of automotive components, engines, chassis, and specialized tools. They can conduct experiments, analyze vehicle performance, and gain valuable insights into the workings of various automotive systems.

3. Heat Engine/ Thermal Laboratory:The Heat Engine/Thermal Laboratory serves as a critical facility for students in mechanical engineering to apply theoretical knowledge about thermodynamics and heat transfer to practical applications. This

lab enables students to conduct experiments and projects focused on the design, optimization, and analysis of heat engines and thermal systems. One primary use of this lab is for performance analysis and optimization of various heat engines. Students can work on projects involving internal combustion engines, steam turbines, or gas turbines. They can assess factors such as efficiency, power output, and emissions to improve engine performance.

4. Hydraulic Laboratory:The Hydraulic Laboratory is a critical resource for engineering students, particularly those specializing in fluid mechanics and hydraulic systems. This lab provides a controlled environment for students to conduct experiments and projects related to the behavior and applications of fluids under various conditions. One significant use of the Hydraulic Lab is in projects related to the design and testing of hydraulic systems. Students can work on projects involving the development of hydraulic actuators, pumps, valves, and control systems. They can study the performance characteristics, efficiency, and reliability of these components. Students can conduct experiments related to open-channel flow and hydraulic structures.

5. Industrial Engineering:The Industrial Engineering Laboratory is a crucial facility for students specializing in industrial engineering. One major application of this lab is in production and operations management projects. Students can work on projects focused on optimizing production schedules, improving inventory management, and implementing lean manufacturing techniques. They learn how to enhance efficiency and reduce waste in production processes, ultimately increasing overall productivity.

6. Unconventional Machine Laboratory: The Unconventional Machine Laboratory is a specialized engineering teaching facility that focuses on innovative and non-traditional machining methods. It gives students hands-on exposure with cutting-edge materials removal and manufacturing technologies. Students will be able to use these unconventional techniques to manufacture complicated forms and profiles out of materials that are difficult to machine with typical methods. Micro-machining methods may be studied and experimented with by students, allowing them to deal with incredibly small components and reach great levels of precision in production.

7. Refrigeration and Air Conditioning Laboratory: The Refrigeration and Air Conditioning Lab is a specialized facility focused on hands-on learning and experimentation related to the design, analysis, and optimization of refrigeration and air conditioning systems. Students can work on projects involving the selection of appropriate components, such as compressors, condensers, and evaporators, to create efficient and reliable refrigeration and air conditioning systems. Students can explore innovative technologies and techniques for reducing energy consumption and minimizing environmental impact in refrigeration and air conditioning systems. The lab plays a crucial role in projects involving alternative refrigerants and environmentally-friendly cooling solutions. Students can study and experiment with new refrigerants and technologies aimed at reducing the environmental footprint of refrigeration and air conditioning systems.

8. Dynamics of Machines Laboratory: The Dynamics of Machines Laboratory is a specialized facility designed for hands-on experimentation and research in the field of mechanical systems and machinery. Students can work on projects focused on the kinematic and dynamic analysis of various mechanical systems. They study the motion and forces involved in machines, enabling them to optimize designs for performance, efficiency, and safety. This Lab plays a pivotal role in projects involving rotating machinery and power transmission systems. Students can analyze the behavior of gears, shafts, bearings, and other components in rotating systems. They gain insights into the dynamics of these systems, leading to more efficient and reliable machine designs.

Table 6. 4 List of projects carried out by students in specific laboratory

Name of the Student	Exam No.	Year	Project title	Name of Laboratory Used
Dhola Umeshbhai Chakurbhai	808007	2022-23	Experimentation and analysis of two phase flow heat transfer	Heat and Mass Transfer Laboratory
Chaudhari Abhisek Virsingbhai	808004			
Parmar Swapnilkumar Vinodkumar	808079			
Parmar Hemchandra Vijaykumar	808077			
Vispara Kaushik Nathabhai	808107	2022-	Design and development of Eco	CAD/CAM and

Sodha Bharatsinh Satidansinh	808042	23	friendly Car	Automobile Laboratory
Thummar Dhaval Pareshkumar	808106			
Aervadia Parv Dharmeshbhai	808001			
Prajapati Priyesh Hasmukhbhai	808029			
Gheewala Dev Manishkumar	808013	2022-23	Experimental investigation of diesel and bio diesel fuel spray characteristics	Automobile Laboratory
Gohel Mitul Rajendrabhai	808064			
Gaywala Akshay Hiteshkumar	808109			
Prajapati Ridhamkumar Haribhai	808084			
Ram Vipulkumar Bhagvanbhai	808031	2022-23	Design and Development of a Heat Flux Meter subjected to steady state heat flux conditions	Heat and Mass Transfer Laboratory
Jakhotra Parthkumar Bharatbhai	808100			
Bamaniya Amitkumar Vijaybhai	808097			
Prajapati Narayan Jethabhai	808028			
Pandey Sharad Anandkumar	808074	2022-23	An experimental and numerical investigation of cavitation flow and its effect on spray formation	CFD and Hydraulic Laboratory
Pandya Ninad Dhiren	808075			
Asnani Shishantkumar Anil	808056			
Patel Manthan Miteshbhai	808081			
Hadiya Rahul Shantilal	808098	2022-23	Design and fabrication of trio tube heat exchanger	Heat and Mass Transfer Laboratory
Ahir Raj Navinbhai	808096			
Shiyar Jigneshbhai Hematbhai	808041			
Sorathiya Paraskumar Shamjibhai	808123			
Hadiya Saurav Himatbhai	808065	2022-23	Analysis of NACA 2412 by ANSYS Simulation in Wind Tunnel	CFD Laboratory
Vyas Aditya Hiteshkumar	808054			
Warke Pushkar Latesh	808094			
Mithaiwala Mudreka Abbas	808070			
Pathak Anurag Mahendrabhai	808026	2022-23	Design and fabrication of Savonius wind turbine for Highway application	Turbo Machine Laboratory
Rathava Divyangkumar Dalpabhai	808032			
Rathwa Dishaben Girishbhai	808037			
Parmar Vipulsinh Pravinsinh	808019			
Thakor Mohammadammar Saeedahemad	808105	2022-23	Restoration of Reynolds apparatus and analysis of laminar and	Hydraulic Laboratory

Patel Nazim Mohammedhanif	808102		turbulent flow through pipe	
Tusharkumar Bhikhubhai Tandel	808047			
Tandel Siddharthkumar Dilipbhai	808092			
Variya Milan Pravinbhai	808049	2022- 23	Steam generation using solar concentrator	Heat and Mass Transfer Laboratory
Makwana Rahul Atulbhai	808014			
Mokani Neet Hasmukhbhai	808017			
Chauhan Parth Rameshchandra	808005			
Tandel Chintankumar Rameshchandra	808045	2022- 23	Restoration of experimental setup for calculating minor losses	Hydraulics Laboratory
Patel Shiv Dharmendrakumar	808024			
Rathod Harshil Rajeshbhai	808033			
Dodiya Rohitbhai Manibhai	808008			
Yadav Aman Surendra	808055	2022- 23	Indirect evaporative cooling using desert cooler	Refrigeration and Air- Conditioning Laboratory
Vasava Deepraj Prahadbhai	808050			
Vasava Jaydipkumar Shaileshbhai	808051			
Bilwal Lakshitkumar Gangabhai	808003			
Savariya Ketan Nanjibhai	808121	2022- 23	Investigations on Solar Dryer	Refrigeration and Air- Conditioning Laboratory
Vala Rajubhai Dineshbhai	808126			
Zala Ashwinkumar Rajeshbhai	808095			
Rayees Ahmad Khan	808038			
Patel Jayminkumar Girishbhai	808022	2022- 23	Performance of steam turbine	Turbo Machine Laboratory
Patel Akshaybhai Bhagubhai	808020			
Gamit Dhruv Narottambhai	808012			
Gamit Dhruv Anilbhai	808011			
Bharmal Murtaza Shabbirbhai	808002			
Shiroya Bhavin Harsukhbhai	808040	2022- 23	Restoration and verification of Bernoulli's experiment at Hydraulic laboratory	Hydraulics Laboratory
Sardhara Samir Rajanibhai	808039			
Vatiya Vijay Lakshamanbhai	808053			
Prajapati Manishkumar Hiralal	808027			
Md Sarfaraz Anwer	808015		Restoration of Apparatus for	
Parmar Hiren Balrambhai	808018		determining friction factor of	

Vaghasia Hilkumar Ishwarbhai	808093	2022-23	different cross section of pipes	Hydraulics Laboratory
Suvagiya Vishal Mukeshbhai	808044			
Desai Rutvik Dileepkumar	808062	2022-23	Performance augmentation of solar cooker with reflector and heat storage material as oil	Heat and Mass Transfer Laboratory
Solanki Surendrasinh Kanaksinh	808104			
Gajipara Shrey Janakbhai	808063			
Sojitra Hiren Hasmukhbhai	808043			
Karena Jignesh Amba	808067	2022-23	Design of novel solar still and its performance	Renewable Energy Research Laboratory
Bhuva Brijesh Atulbhai	808059			
Bhuva Shubham Nagjibhai	808060			
Ramprasadi Saurabh Balrambhai	808086			
Nair Visakh Vijayan	808071	2022-23	Waste water treatment by hydrodynamic cavitation	Hydraulics Laboratory
Parwani Akash Suresh	808080			
Bhargava Manan Sumit	808058			
Khokhar Juhil Mukeshbhai	808068	2022-23	Study of performance of heat sink using PCM material with flexible storage	Heat and Mass Transfer Laboratory
Jani Gautambhai Dayarambhai	808101			
Jagad Hiten Balkrushnabhai	808066	2022-23		
Nakum Sachin Devshibhai	808072			
Rajgor Yash Sanjaybhai	808119	2022-23	Modification in mechanism of extraction of honey from Bee - hives	Renewable Energy Research Laboratory
Thacker Nandish Mahendrakumar	808124			
Prajapati Rushabh Ketanbhai	808085	2022-23	Experimental investigation of surface roughness for different tool path and machining parameters	Central Workshop
Rathava Tusharkumar Harshadbhai	808087			
Desai Nupoor Divyesh	808061	2022-23	Fuzzy logic controlled water heater	Hi-Tech Lab
Patel Tarisha Bimalbhai	808082			
Nityanand Malhar Shailesh	808073	2022-23	A pneumatically controlled robotic arm by a microcontroller	Hi-Tech Lab
Sonawane Abhishek Atul	808090			
Swami Dhairya Bhupeshbhai	808091			
Patel Rudra Amitkumar	808023			
Modhavadiya Sanjay Lilabhai	808113	2022-23	Development of Pizza Making Machine	Central Workshop
Pathar Purvang Pravinbhai	808118			
Vaghela Dipak Chanabhai	808125			
Gadhavi Bhagirathsinh	808010	2022-	Design and Development of E-bike	

Shailendrasinh		23		Central Workshop and Automobile Lab
Dund Yash Chunilal	808009			
Parmar Harshbhai Pravinbhai	808076			
Mistry Tapas Amitbhai	808016			
Patel Vatsal Prafulkumar	808083	2022-23	Experimental investigation on Electrical Discharge Machine	Unconventional Machining Lab
Rathod Saurabh Bhaveshbhai	808034			
Patel Jaimin Arvindbhai	808021			
Tandel Harsh Rajendrakumar	808046			
Rathva Chiragbhai Tulsibhai	808035	2022-23	Restoration of capstan lathe machine	Machine Shop
Vasava Viral Sharadbhai	808052			
Parmar Rahulbhai Bharatbhai	808078			
Yashraj Arunkumar Shirke	808127			
Vankar Avinash Vinodbhai	808048			
Barbhaya Rushabh Anil	808057	2022-23	Designing and manufacturing of progressive die	Foundry Lab
Kulkarni Atharv Vipul	808069			
Raulji Rajdipsinh Pradipsinh	808088	2022-23	360° Rotating vehicle	Hi-Tech Lab
Patel Vedant Umesh	808025			
Parekh Abhishek Dushyantbhai	808115	2022-23	Process optimization and productivity in valve manufacturing industry	Industrial Engineering and Central Workshop Lab
Shah Sarthak Urmil	808122			
Shah Chandan Sunil	808103	2022-23	Design and Development of Electric driven Horizontal Screening Machine	Central Workshop
Solanki Abhishek Mukeshbhai	808089			
Makwana Rahul Atulbhai	808014			
Parmar Rahulbhai Bharatbhai	808078	2022-23	Restoration of Combination machine and single spindle automatic machine	Machine Shop
Contractor Neel Jitendrabhai	808006			
Rathva Heet Arvindbhai	808036			
Kanjariya Mohan Plajeshbhai	808112			
Chauhan Vivek Maheshbhai	808108			
Jariwala Asadali Nadeali	808111			
Nikunj Patil	808062	2021-22	Simulation and Analysis of Solar Powered Electric vehicle on MATLAB	Design and CFD
Jay Thanki	808067			
Pragnesh jayswal	808012			
Sujith Nair	808079	2021-22	Design & Development of a Low Cost Dual Axes Solar Tracker & its	Design and Renewable
Preet Vala	808090			

Nisarg Bakre	808068		Performance Analysis	
Patel Lineshkumar Ishwarbhai	808082	2021-22	CFD Study on Construal theory and its application	CFD
Parmar Ojas Pravinbhai	808030			
Parmar Aadil Inusbhai	808029			
Patel Kartikkumar Govindbhai	808035			
Patel Dhruvkumar	808033	2021-22	Prepare design and manufacturing process for cotton harvester	Central Workshop
Mistry Pratik	808025			
Sharma Tejas	808045			
Prakash Bhatu	808071			
Ratnesh Kumar	808044	2021-22	Experimental Investigation on Water hammer forming method	Unconventional Machining Laboratory
Nirmal Abada	808049	2021-22	Study and Analysis on stabilizing rocket lander system	Hi-Tech Laboratory
Parmar Keval	808060			
Ghanchi Mahendra	808055			
Dhaval Rathava	808063			
Chhatwani Paraj	808074	2021-22	Determining the infinite depth for earth tube heat exchanger under different solar radiation conditions	Heat and Mass Transfer Laboratory
Prajapati Rinku	808086			
Panchal Rutanshu	808080			
Santosh Yadav	808048			
Jaineel Joshi	808015	2021-22	Study and Analysis of Friction Stir Welding	Foundry Laboratory
Ayush Joshi	808013			
Dhaval Khambhalya	808021			
Kapadiya Sagar	808019			
Pankhaniya Kishan	808081	2021-22	Conversion of Industrial waste (polypropylene) into fuel oil using pyrolysis process	Renewable Energy Research Laboratory
Shiyal Bipin	808046			
Vala Dhaval	808089			
Piparava Mitkumar Dineshbhai	808039			
Mistry Rajan Kamleshbahi	808026	2021-22	Experimental determination of thermal performance of pyramid solar still with improved design	Renewable Energy Research Laboratory
Radadiya Hiren Rameshbhai	808040			
Tadvi Kuldeepkumar Mukeshbhai	808066			
Rajput Niraj Mahendrakumar	808041			
Ilyash Iqbalbhai Jogiya	808010	2021-22	Log Lifter	Central Workshop
Chavda Mihir Pravinbhai	808006			
Patel Raj Ashvinbhai				
Makwana Nimesh	808022			
Kachhatiya Vishal	808077	2021-22	Design and Fabrication of Experiment Set-up for visualization of Cavitation flow	Hydraulics Laboratory
Sonigra Raj Bharatkumar	808088			

Baldaniya Milan	808069			
Pansuriya Darshan	808028	2021-22	Waste water treatment by hydrodynamic cavitation	Hydraulics Laboratory
Patel Kartik Gulabbhai	808061	2021-22	Thermal Performance Augmentation of solar cooker by using internal reflectors and heat storage material combined effect	Heat and Mass Transfer Laboratory
Joshi Dharmil	808014			
Patel Jaimin	808034			
Kamdar Parshwa Jayeshbhai	808017	2021-22	Design and Development of a Triphibian Drone	Hi-Tech Laboratory
Shah Anuj Pareshkumar	808064			
Amit Kumar Malviya	808050			
Desai Arjav Parthiv	808053			
Jain Harsh Ketul	808057			
Niral Hemrajbhai Gadara	808009	2021-22	Experimental Study of Critical Radius of Insulation	Heat and Mass Transfer Laboratory
Kapil Devjibhai Mokariya	808027			
2021-22	808020			
Dhavalkumar Barad	808004			
Patel Rushiraj	808083	2021-22	Experimental Investigation of Fuel Characteristics	Automobile Laboratory
Patel Vimal	808084			
Jadav Hardik	808076			
Chauhan Mohit	808072			
Ridham Goswami	808075	2021-22	Design and manufacturing of compound Die for washer	Central Workshop
Sairaj Itwala	808011			
Chauhan Bhargav	808052	2021-22	Design And Development Of Industrial Vibro Separator	Dynamics of Machines Laboratory
Gajera Gaurang	808054			
Modi Smit	808059			
Bhalala Mihir	808051			
Vardhan Mistry	808058	2021-22	In House Design Review of The Maharaja Sayajirao University Baroda Gold Medal	Central Workshop
Divyang Prajapati	808085			
Patel Vaibhav Natwarlal	808037	2021-22	Electro-magnetic breaking system	Automobile Laboratory
Rathwa Sanketbhai	808043			
Asari Devanshu	808003			
Kapadiya Nilesh	808018			
Aman Kumar	808002	2021-22	Study and Analysis of High speed diesel engine	Automobile Laboratory
Akshay Pandita	808001			
Surjeet Kumar	808047			
Damor Manojbhai Bapubhai	808008			
Chauhan Krupalsinh	808005	2021-22	Numerical Analysis of Earth tube heat exchanger for space cooling	Heat and Mass Transfer Laboratory
Chauhan Nikunj	808073			
Mangroliya Darshan	808023			
Ramoliya Darshankumar	808042			
Soni Abhay B	808065	2021-	Experimental Investigation on Monel using electro discharge	Unconventional
Dalwadi Kaushal P.	808007			

Patel Suhrad N.	808036	22	machining	Machining Laboratory
Patel Bhavya A	808032			
Zainul Bhaisaheb	808070	2021-22	Design and Fabrication of automated stir casting setup	Foundry Laboratory
Yash Patel	808038			
Hiren Mistry	808024			
Bhargav Makwana	808078			
Rohit Kadachha	808016	2021-22	Experimental and numerical investigation of Aqua Silencer for an emission and noise control	Automobile Laboratory
Bharat Sonagara	808087			
Pratik Parmar	808031			
Chirag Gohil	808056			
Joshi Bhavesh	708027	2020-21	Development of Semi-Automatic Oxy-Fuel Gas Sheet Metal Profile Cutting Machine	Central Workshop
Mori Devang	708041'			
Dave Abhishek	708017'			
Moliya Rohit	708039'			
Juzar Vahora	708093'	2020-21	Remote-Control Patrol Ship	Hi-Tech Laboratory
Vishwam kaptan	708030'			
Harshad More	708040'			
Deep Parikh	708045'			
Nikunj Kumar Solanki	708085'	2020-21	Agricultural Spraying Pump	Central Workshop
Bhavin Makwana	708035'			
Yashkumar Patel	708062'			
Hiren bhai Rathod	708071'			
Swarit V Shukla	708084'	2020-21	Self-Balancing Electric mono-wheel	Dynamics of Machines Laboratory
Ranjana A Shrivastva	708083'			
Noman S Charkha	708010'			
Jalpan H Soni	708086'			
Chavda Samir Manilal	708015'	2020-21	A Review on Production of MMC Through Stir Casting – Furnace Design, Process Parameters & Optimization and Analysis of Al/SiC MMC	Foundry Laboratory
Kor Hiren Mahendrabhai	708033'			
Bheda Pradip Ranmalbhai	708008'			
Kachhetiya Chetan Ambabhai	708028'			
Harsh Mandaliya	708037'	2020-21	Experimental and Numerical Investigation of Diesel Fuel Injector Nozzle	Automobile Laboratory
Chiragbhai Baraiya	708005'			
Meet Bhadresa	708006'			
Shubham Mistry	708038'	2020-21	Measurement of efficiency of modified square pyramid shaped solar still	Renewable Energy Research Laboratory
Tank Parth	708088'			
Jaydeep Suthar	708087'			
Dangar Alpesh	708016'	2020-21	A Review Flow Behaviour in Jute Polyester Fabric: Analytical and Numerical Approach	Composite Processing Research Lab
Parmer Divyesh	708046'			
Patel Ajay	708049'			
Sarvaiya Bhargav	708080'			
Darshit Dhameliya	708019'	2020-21	LPG Refrigeration system with a zero operating cost	Refrigeration and Air-Conditioning Laboratory
Jayesh Vaghela	708091'			
Parth Hariyani	708024'			
Jay Yadav	708094'			
Harshil V. Patel	708052'	2020-	Experiment on Design and	Central

Manan Sadariya	708076'	21	Development of Die and Punch for Blanking Sheet Metal	Workshop
Harsh Trivedi	708090'			
Khasiya Jayesh	708032'	2020-21	Measurement of Efficiency of Square Pyramid Type Solar Still	Renewable Energy Research Laboratory
Hadiya Jenish	708023'			
Kalsariya Naresh	708029'			
Kavaiya Akash	708031'			
Prajapati Kushal	708067'	2020-21	Experimental Investigation on Abrasive Jet Machining	Unconventional Machining Laboratory
Saom Himanshu	708079'			
Goswami Kaushik	708022'			
Prajapati Harsh	708066'			
Kishan Ajudiya	708001'	2020-21	The Design, Construction and Implementation of an Autonomous Outdoor Quadcopter using a Raspberry Pi Microcomputer and a APM 2.8 Flight Controller	Hi-Tech Laboratory
Shah Parin Kalpesh	708082'	2020-21	Hybrid Electric Motorcycle	Automobile Laboratory
Patel Meetkumar Pankajkumar	708058'			
Patel Yashkumar Ishvarlal	708062'			
Patel Bhavikkumar Dilipbhai	708051'			
Jadhav Prathmesh Shaileshkumar	708025'			
Desai Saurabhkumar Rajeshbhai	708018'	2020-21	Tricycle Suspension	Automobile Laboratory
Parth Yogeshbhai Andani	708003'			
Ankitkumar Prakashbhai Rohit	708074'			
Darshan Ganpatbhai Prajapati	708065'			
Shivam Rana	708070'	2020-21	Single Phase Heat Sink	Heat and Mass Transfer Laboratory
Jayesh Chaudhary	708013'			
Devendra Patil	708064'			
Rahul Makwana	708036'			
Ravi Prajapati	708068'			
Jay K. Panchal	708043'	2020-21	MWA Fasteners	Central Workshop
Hiren Bhesaniya	708009'	2020-21	Automated Storage & Retrieval System	CAD/CAM Laboratory
Sachin Yadav	708095'			
Satish Yadav	708096'			
Kishan Parmar	708048'	2020-21	Improving Energy Efficiency of A/C unit using Unutilised System Resources	Refrigeration and Air-Conditioning Laboratory
Chintusingh Rajpurohit	708069'			
Falgun Ajugiya	708002'			
Jemin Tandel	708026'			
Rathod Kirit	708072'	2020-21	Experimental Study on Wood Carving Machine	Unconventional Machining Laboratory
Patel Tejas	708061'			
Chaudhari Aman	708011'			

Kriparth Pratulchandra Patel	708054'	2020-21	Multipurpose Farming Machine	Central Workshop
Patel Meet Hemangbhai	708057'			
Olpadkar Aalap Prashantbhai	708042'			
Jeet Anilbhai Parmar	708047'			
Rutvik Dhanani	708020'	2020-21	Waste Water Treatment by using hydrodynamic Cavitation (CFD)	CFD Laboratory
Pinank Tilavat	708089'			
Preet Bhadresa	708007'			
Sali Sachin Nimchand	708077'	2020-21	Experimental Investigation of machining parameters on EDM using Spel Spark Oil (EDM Oil) on Monel-400 and Inconel-718	Unconventional Machining Laboratory
Vaghela Lomesh Harishbhai	708092'			
Patel Kirankumar Maheshbhai	708053'			
Patel Sanketkumar Kiritbhai	708059'			
Rushil Raina	708097'	2020-21	Investigation of spray characteristics in fuel injector using CFD analysis	CFD Laboratory
Barad divyesh jivabhai	708004'			
Sourabh Sharma	708098'			
Jignesh Shah	708081'	2020-21	Design And Construction of Low Speed Wind Tunnel	Turbo Machine Laboratory
Vishal Rohra	708075'			
Mukalp Godia	708021'			
Darshit Paradava	708044'			
Samkit Amitbhai Kothari	708034'	2020-21	Artificial Carbon Capture Device	Automobile Laboratory
Kunj Patel	708056'	2020-21	Liquid Desiccant Based Dehumidifier & Regenerator	Refrigeration and Air-Conditioning Laboratory
Darshil Sanchala	708078'			
Bhargav Chauhan	708014'			
Sahil Rathod	708073'			