

AUTOMOBILE ENGINEERING DEPARTMENT

PROJECT REPORT YEAR: 2015

SR. NO.	PROJECT TITLE
1	Kinetic Energy Recovery System (KERS)
2	Design of Refrigeration System using 410a Refrigerant
3	Solar based Electric powered Wheel Chair (SEWC)
4	Automatic Side light indicator supported by GPS (ASISG)
5	Electric Motorcycle
6	Eddy Current Braking System (ECBS)
7	Anti-Theft Fuel Lock System (ATFLS)
8	Catalytic Converter for 3 wheeler CNG Vehicle (3C)
9	Electric Load Carrier cum Personal Mobility Vehicle (ELCPMV)
10	Hand Operated gear selector mechanism in bikes
11	Voice Operated fuel Injection System
12	Manually Operated Pneumatic Jack
13	Kinetic Energy Recovery System in bicycle
14	Analysis of Heat transfer through Fins
15	Defect Analysis of Compressor & Gear box Casings
16	Hydraulically Lifted bonnet
17	Water Refrigeration & Dispensing System
18	Hybrid Two Wheeler
19	Improving catalytic conversion efficiency and reducing cost of catalytic converter with help of calcium carbonate as a catalyst

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PROJECT REPORT YEAR: 2014

SR. NO.	PROJECT TITLE
1	Anti-theft Fuel System
2	Suspension & Steering System of ATV
3	On-board Tyre inflation system
4	Evaluate the performance of an Air powered vehicle
5	Fire Accident Prevention in Vehicle
6	Study and develop of turbo-alternator
7	Electronic tool Lifting device
8	Agricultural Bike
9	Electronic seat belt locking system
10	Stirling Engine Vehicle
11	Switch operated Side stand
12	Design & Fabrication of Roll cage & Brake of ATV
13	Hydraulic Lifting Mechanism for trolley
14	Electromagnetic Cart
15	Evaluation of Dual fuel engine and its efficiency
16	Thermal & Static Analysis On Connecting Rod

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PROJECT REPORT YEAR: 2013

SR. NO.	PROJECT TITLE
1	Study and design consideration of pure electric and hybrid car configuration
2	Automatic Power Jack
3	Oil-Cooled Royal Enfield Thunderbird
4	Height Adjustable Suspension
5	Short Range Electric Vehicle
6	Exhaust Powered Air Conditioning System
7	Hydrogen Enchatment to conventional fossil fuel for better performance
8	Standing Electric Vehicle
9	Hybrid Motorbike
10	Hybrid bike
11	Tire Pressure Monitoring System in two wheeler

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PROJECT REPORT YEAR: 2012

SR. NO.	PROJECT TITLE
1	Hydrogen generator (HHO KIT)
2	Design and fabrication of solar vehicle
3	Integrated reservoir and cooler Functionality for hybrid Hydraulic vehicle
4	Design and fabrication of a personal mobility vehicle
5	Electrical Jack
6	Biogas technology as renewable energy source and environmental friendly technique to manage solid waste
7	Multiple Pneumatic systems
8	Cost Cutting & Effective Management
9	Standing electric vehicle
10	Mechanical multipoint spanner
11	Intelligent lighting system
12	Hybrid electric vehicle :Prototype model
13	Automatic Rain Operated Wiper
14	Driver's assist system
15	Optimization of braking performance in Heavy commercial Vehicles operating at Sub zero temperature conditions