

PROGRAM DETAILS

- **DURATION OF PROGRAM**

- UG- Bachelor of Engineering (BE) in Mechanical Engineering - 4 year
- Year of start-2010
- No. of intake – 120
- Research Center in Mechanical Engineering under VTU- Established in 2014.

- **CORE SUBJECTS**

I / II SEMESTER		
Sl. No	Subject Code	Subject
1	18EGDL15	Engineering Graphics
2	18ME15	Elements of Mechanical Engineering
III SEMESTER		
1	17MAT31	Engineering Mathematics – III
2	17ME32	Materials Science
3	17ME33	Basic Thermodynamics
4	17ME34	Mechanics of Materials
5	17ME35A	Metal Casting and Welding
6	17ME36B	Mechanical Measurements and Metrology
7	17MEL37B	Mechanical Measurements and Metrology Lab
8	17MEL38A	Foundry and Forging Lab
9	17KL	Kannada
V SEMESTER		
1	15ME51	Management and Engineering Economics
2	15ME52	Dynamics of Machinery
3	15ME53	Turbo Machines
4	15ME54	Design of Machine Elements - I
5	15MEL57	Fluid Mechanics & Machinery Lab
6	15MEL58	Energy Lab
VII SEMESTER		
1	15ME71	Energy Engineering
2	15ME72	Fluid Power Systems
3	15ME73	Control Engineering
4	15MEL77	Design Laboratory
5	15MEL78	CIM & Automation Laboratory

- ELECTIVES OFFERED**

V SEMESTER		
Sl. No	Subject Code	Subject
1	15ME554	Non Traditional Machining (Professional Elective)
2	15ME562	Energy and Environment (Open Elective)
VII SEMESTER		
1	15ME742	Tribology (Professional Elective-III)
2	15ME751	Automotive Electronics (Professional Elective-IV)
VII SEMESTER (Non-CBCS)		
1	10ME754	Non Conventional Energy Sources
2	10ME769	Product Life Cycle Management

- CORE SUBJECTS FOR 2010 SCHEME**

VII SEMESTER		
Sl. No	Subject Code	Subject
1	10ME71	Engineering Economy
2	10ME72	Mechanical Vibrations
3	10ME73	Hydraulics & Pneumatics
4	10ME74	Operations Research
5	10MEL77	Design Laboratory
6	10MEL78	CIM & Automation Laboratory

- LIST OF LABORATORIES**

1. Mechanical Measurements and Metrology Lab



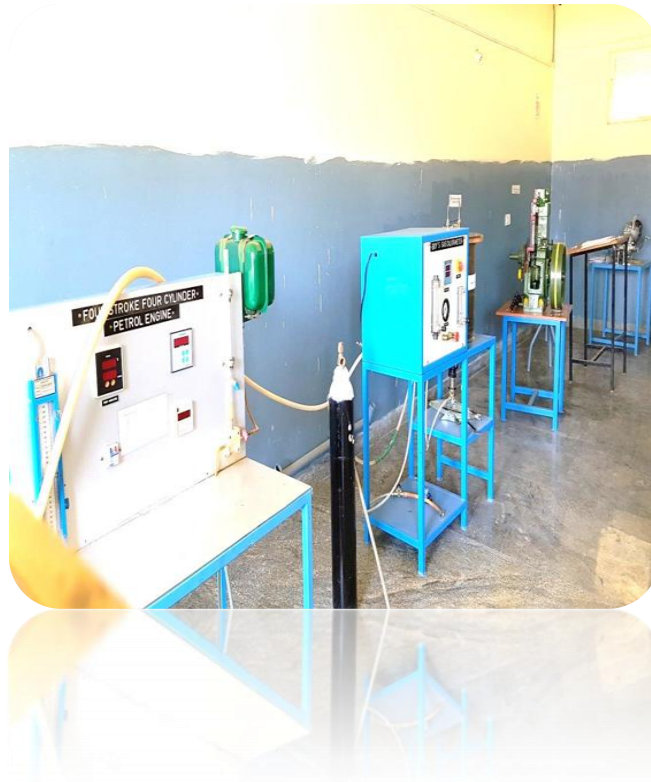
2. Foundry and Forging Lab



3. Fluid Mechanics & Machinery Lab



4. Energy Lab



5. Design Laboratory



6. CIM & Automation Laboratory

