



**Department of Mechanical Engineering**  
*Sri Jayachamarajendra College of Engineering, Mysuru- 570 006*

**ENERGY CONVERSION ENGINEERING LABORATORY**

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| <b>Staff In-charge</b>              | <b>: Dr. H.Yogish</b><br>Associate Professor<br><b>Sri. N.S. Kumaraswamy</b><br>Assistant Professor  |
| <b>Technical / Supporting Staff</b> | <b>: Sri. Ashok Pattar</b><br>Mechanic<br><b>Sri.Madesh.N</b><br>Mechanic  |
| <b>Utilisation</b>                  | <b>: • Practical classes</b><br><b>• Project &amp; Research works</b><br><b>• Consultancy</b>  |
| <b>Facilities available</b>         | <b>:</b> <ul style="list-style-type: none"><li>• Abel Pensky – Flash and Fire Apparatus</li><li>• Pensky Martin – Flash and Fire Apparatus</li><li>• Cloud and Pour Point Apparatus</li><li>• Saybolt Viscometer</li><li>• Redwood Viscometer</li><li>• Digital Type Electronic Weighing Machine</li><li>• Steam Engine Model</li><li>• Model of 4-S engine</li><li>• Model of 2-S engine</li><li>• Model of Lancashire Boiler</li><li>• Model of Babcock Wilcox Boiler</li><li>• Boy’s Gas Calorimeter</li><li>• Bomb Calorimeter</li></ul> |

- Multi cylinder 4-S Engine
- Four Stroke Single Cylinder Variable Speed Petrol Engine
- Two Stroke Single Cylinder Petrol Engine
- Variable Compression Ratio Petrol Engine
- Ruston Horizontal Oil Engine
- Portable Generator
- Vertical Diesel Engine
- PC based IC Engine Test Rig Setup.