**COURSE OBJECTIVES & OUTCOMES**:

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| **COURSE CODE :** GE6252 | **TITLE :** BASIC ELECTRICAL AND ELECTRONICS ENGINEERING |

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| **Course Objectives** | **Course Outcomes** |
| 1. To understand the basic laws and concepts related to electrical and electronics engineering.  2. To understand the measurement of electrical parameters.  3. To understand the operation and applications of electrical machines and semiconductors.  4. To analyze the simple electrical and digital circuits. | On completion of the course students will be able to  (a)Summarize the basic laws and concepts related to electric circuits, electrical machines, semiconductors, digital and communication systems.  (b)Explain about the operation of various measuring instruments  (c) Describe the construction, operation and applications of Electrical Machines.  (d) Describe the construction, operation and applications of semiconductor devices.  (e)Analyze circuits containing logic gates and flip flops. |