

Course Outcomes 1st semester :

C101:

1. Understand the fundamentals of computer.
2. idea about various components of computer hardware,software etc.
3. The idea of role of operating system and its usability.
4. Knowledge on word processing,electronic spreadsheet, presentation software and internet.
5. Knowledge on Programming methodology & C-programming.

C102:

1. The students can check the dimensional correctness and perform scalar and vector related calculations.
2. To have a clear idea about various motions, friction ,gravity ,oscillation and wave.
3. Knowledge on laws of thermodynamics and optics including fiber optics.
4. Knowledge on magnetism and electricity that includes Columb's Law,Kirchoff's Law,Wheatstone Bridge.
5. Knowledge on Fleming's Left & Right Hand Rule, Lenz's Law , Laser,Wireless Transmission.

C103:

1. Understand the basic concepts of Determinant and Matrix, solve the simultaneous linear equations by using Cramer's Rule & Matrix Inverse Method and apply in the area of engineering.
2. Able to gain the basic ideas on trigonometry & Inverse circular functions. Classify the problems between angles, multiple angles and sub-multiple angles.
3. Learn about the coordinate geometry in two and three dimension and its application in real life problems.

C104:

1. To familiar with fundamentals of electrical engg. , AC Theory and generation of electric power.
2. Knowledge on DC machine , DC generator, motors ,Lamps and star rating.
3. Knowledge on electrical measuring instruments and wiring, commercial building calculation and conversion of electrical energy.
4. To familiar with electronic devices and circuits.
5. To familiar with communication system and electronic measuring instruments.

C105:

1. Understand the basic computer operation.
2. idea about various components of computer hardware, software, lab safety.
3. Knowledge on Operating system, DOS and Windows.
4. Knowledge on word processing, electronic spreadsheet, presentation software and internet .
5. Knowledge on programming using C-programming language.

C106:

1. Develop understanding theory and applications of units and measurements with different tools (slide calliper, screw gauge, spherometer) and techniques used in the industry and provide the necessary foundations for inculcating innovative approaches.
2. Understand theory and concepts of MAGNETISM and PRISM and its properties.
3. Develop knowledge of waves and its concepts, gravity and basics of current electricity by using simple techniques.

C107 :

1. Understand the importance of Engineering Drawing, Demonstrate the use of different drawing instrument and make free hand lettering numbering and dimensioning of drawing.
2. Undertake different geometric constructions, Orthographic projections of points, straight line, planes and solids.
3. Draw sectional views, development of surface of different solids and develop the concept of building drawing. Also prepare 2D engineering drawing using Auto CAD software.

C108 :

- 1 .Acquire a brief or in-depth understanding on the latest developments/trends in the field of the science and technology.
2. Able to improve their communication skills (including written and oral communication), both in terms of presenting their own ideas and in understanding and discussing the ideas of others.
3. Develop the ability to find, evaluate, and use information from various sources, including academic journals, books, websites, and other reference materials.
