

**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND
SCIENCE
(AUTONOMOUS), COIMBATORE - 641 020**

Name of the Programme: B.Voc.Technology in Electrical and Electronic Devices

Month &Year of Revision:April 2018

S.No.	Course Title	Course Code	% of Revision
1	Technical Drawing	18KUG4AL4	25

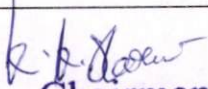
Note:

No.of Courses offered by the Department (A) 33

No.of Courses revised in BoS (20% Revision) (B) 1

Formula for Syllabus revision:
(B/A)*100 3.03%

Course Title	Course code	Unit	Existing Content	Modified/Revised content	% of Revision/Modification
Technical Drawing	18KUG4AL 4	III	Unit III - Geometrical construction Triangle (Equilateral triangle, Right angle triangle, Isosceles triangle, Acute triangle) -Rectangle,Rhombus, Trapezium,-Circles (AutoCAD Relevant) -Regular Polygons (Square, Pentagon, Hexagon, Heptagon, Octagon)-Parabola (Tangent method, Offset method)-Ellipse (Parallelogram method, Four centre method, Concentric circles method)-Hyperbola-Cycloids -Involutives -Helix -Spiral curves.	Unit III- Sectional View Types of sectional view (Full section, Half section, Aligned section, Offset Section, Revolved Section, Removed section) - Detailing view.	20%
		V	Unit V -Electrical and Electronics Symbols Draw symbols of - DC armatures - alternators - field winding shunt, series and compound - relays - contactors - fuses - main switch - electric bell - earth - aerial - DPST - DPDT - TPST - Network link - ammeters - voltmeters - wattmeter - energy meters - frequency meters - power factor meters - timers - buzzers - transformers - auto transformers Incandescent lamp, Fluorescent Lamp, Signal lamp, Push button, Fire alarm ,Siren, Water Heater, Ceiling Fan, Exhaust Fan. Draw symbols of Resistors - inductors - capacitors - diodes - transistors - FET - SCR - UJT - DIAC - TRIAC - MOSFET'S - LOGIC GATES - AND - OR - NOT - NAND - NOR - EXOR	Unit V- Introduction to AutoCAD History of AutoCAD- Applications- Advantages over manual drafting - hardware requirements - software requirements - window desktop - AutoCAD screen interface - menus - toolbars - How to start AutoCAD - command groups - How to execute command - types of coordinate systems - absolute-relative-polar- Simple sketches (lines and curves)	5%
Total Percentage of course content Modified/Revised					25%


 Chairman
 Board of Studies


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