

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

Name of the Programme: B.Voc.Production Technology (Tool & Die)

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%

SRMV College of Arts and Science, Coimbatore-20

Details of Course revision for the year 2018-19

Department: B.Voc. Production Technology (Tool & Die)

Name of the Course: Technical Drawing

Course Title	Course code	Unit	Existing Content	Modified/Revised content	% of Revision/Modification
Technical Drawing	18KUG4AL 4	III	<p>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 -Involute -Helix -Spiral curves.</p>	<p>Unit III- Sectional View Types of sectional view (Full section, Half section, Aligned section, Offset Section, Revolved Section, Removed section) - Detailing view.</p>	20%
		V	<p>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</p>	<p>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)</p>	5%
<i>Total Percentage of course content Modified/Revised</i>					25%

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Doc of [Signature]
Chairman
Board of Studies

[Signature]
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