



RAJARAJESWARI COLLEGE OF ENGINEERING

(Under the auspices of the Moogambigai Charitable and Educational Trust)

(Affiliated to the Visvesvaraya Technological University, Belgaum)

(Recognized by the AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

Phone: +91-80-28437124, +91-28437375, Fax: +91-80-2843 7373, www.rrce.org



DEPARTMENT OF MECHANICAL ENGINEERING

Date: 04/05/2018

Circular

It is hereby informed to all the staff members that the department is organizing 03 days SDP on the topic “**Computer Aided Engineering Drawing**” from 16th to 18th May 2018. All are requested to attend the SDP and make better utilization of the recourse person and opportunity.

Coordinators

HoD - ME



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DEPARTMENT OF MECHANICAL ENGINEERING

3 Days Staff Development Program on

“Computer Aided Engineering Drawing”

16th to 18th May 2018

Sl. No.	Topic	Resource Person	Date & Time
Inauguration and Welcome 9:00 to 10:15 AM			
1	Introduction	Dr. R. Shankara Reddy HoD – ME, RRCE.	16 th may 2018 10:30 to 12:30
2	Projections of Points & lines		16 th may 2018 2:00 to 3:30
3	Projections of planes & Hands on session		17 th may 2018 9:30 to 11:30
4	Projections of solids & Hands on session		17 may 2018 1:00 to 4:00
5	Isometric & Development & Hands on session		18 th may 2018 9:30 to 12:00
Valedictory and feedback session 3:00 to 3:30			



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Program Report

On day 1 Significance of Engineering drawing, BIS Conventions of Engineering Drawing, Free hand sketching of engineering drawing, Scales. Introduction to Computer Aided Drafting software, Co-ordinate system and reference planes HP, VP, RPP & LPP of 2D/3D environment. Selection of drawing sheet size and scale. Commands and creation of Lines, coordinate points, axes, polylines, square, rectangle, polygons, splines, circles, ellipse, text, move, copy, off-set, mirror, rotate, trim, extend, break, chamfer, fillet and curves.

On day 2 Introduction to Orthographic projections, Orthographic projections of points in all the quadrants. Orthographic projections of lines. (Placed in First quadrant only) Orthographic projections of planes viz triangle, square, rectangle, pentagon, hexagon and circular laminae.

On day 3 Development of lateral surfaces of right regular prisms, cylinders, pyramids, and cones resting with base on HP only. Development of their frustums and truncations. Problems on applications of development of lateral surfaces like, funnels and trays.