



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: 14/12/2016

Circular

It is hereby informed to all the staff members that the department is organizing 03 days SDP on the topic **“Computer Aided Machine Drawing”** from 22nd to 24th Dec 2016. 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 Machine Drawing”

22nd to 24th Dec 2016

Sl. No.	Topic	Resource Person	Date & Time
	Inauguration and Welcome 9:00 to 10:15 AM		
1	Introduction	Prof.K S Madhu Asst. Professor -ME, RRCE	22 nd Dec 2016 10:30 to 12:30
2	Sections of Solids & Hands on session		22 nd Dec 2016 2:00 to 3:30
3	Keys, Joints, Couplings & Hands on session		23 rd Dec 2016 9:30 to 11:30
4	Lever Safety Valve & Hands on session		23 rd Dec 2016 1:00 to 4:00
5	I.C. Engine connecting rod & Hands on session		24 th Dec 2016 9:30 to 12:00
6	Tool head of shaper & Hands on session		24 th Dec 2016 1:30 to 4:00
	Valedictory and feedback session 4:00 to 4:30		



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Program Report

On day 1 Prof.K S Madhu highlighted new technologies that have made to acquire the knowledge of CAD software and its features. To familiarize the students with Indian Standards on drawing practices. Review of graphic interface of the software. Review of basic sketching commands and navigational commands. Starting a new drawing sheet. Sheet sizes. Naming a drawing, Drawing units, grid and snap. Conversion of pictorial views into orthographic projections of simple machine parts.

On day 2 Conversion of pictorial views into orthographic projections of simple machine parts. Hidden line conventions. Precedence of lines. Conversion of pictorial views into orthographic projections of simple machine parts (with section planes indicated on the part). Thread Forms: Thread terminology, sectional views of threads

On day 3 preparation of assembly drawings manually and using Solid edge packages I.C. Engine connecting rod, Tool head of shaper and Leaver safety valve

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