

K. S. INSTITUTE OF TECHNOLOGY, BENGALURU – 560109
DEPARTMENT OF MECHANICAL ENGINEERING
RUBRICS FOR EVALUATION

COURSE:ENGINEERING GRAPHICS
COURSE CODE:18EGDL15/25

Sl No	Particulars	Max Marks	No of Modules	Total marks
1	SKETCH BOOK	3 marks	Total five Modules	15 marks
2	COMPUTERISED DRAWING	2 marks		10 marks
3	PRINT OUTS	1 marks		5 marks
	CIE	100 marks		10 marks
Total				40 marks

PROJECTION OF STRAIGHT LINES(Max. 6 Marks)				
SKETCHBOOK	Drawing initial position accurately(1marks)	Drawing second position accurately (1marks)	Drawing final position accurately (1marks)	Student was unable to draw in the sketch book(0marks)
COMPUTERISED DRAWING	Drawing all the three positions (1marks)	Complete the assigned problems within lab hours (1marks).		Student was unable to draw in the computer(0marks)
PRINT OUTS	Submitting the printout(1marks)			Not Submitting the printout(0marks)
PROJECTION OF PLANES(Max. 6 Marks)				
SKETCHBOOK	Drawing initial position accurately(1marks)	Drawing second position accurately (1marks)	Drawing final position accurately (1marks)	Student was unable to draw in the sketch book(0marks)
COMPUTERISED DRAWING	Drawing all the three positions (1marks)	Complete the assigned problems within lab hours (1marks).		Student was unable to draw in the computer(0marks)
PRINT OUTS	Submitting the printout(1marks)			Not Submitting the printout(0marks)

PROJECTION OF SOLIDS(Max. 6 Marks)				
SKETCHBOOK	Drawing initial position accurately(1marks)	Drawing second position accurately (1marks)	Drawing final position accurately (1marks)	Student was unable to draw in the sketch book(0marks)
COMPUTERISED DRAWING	Drawing all the three positions (1marks)	Complete the assigned problems within lab hours (1marks).		Student was unable to draw in the computer(0marks)
PRINT OUTS	Submitting the printout(1marks)			Not Submitting the printout(0marks)
ISOMETRIC PROJECTIONS(Max. 6 Marks)				
SKETCHBOOK	Drawing the orthographic views(1marks)	Drawing the isometric projection of one solid(1marks)	Drawing the isometric projection of all solids(1marks)	Student was unable to draw in the sketch book(0marks)
COMPUTERISED DRAWING	Drawing all the isometric projection of solids (1marks)	Complete the assigned problems within lab hours (1marks)		Student was unable to draw in the computer(0marks)
PRINT OUTS	Submitting the printout(1marks)			Not Submitting the printout(0marks)
LATERAL DEVELOPMENT OF SOLIDS(Max. 6 Marks)				
SKETCHBOOK	Drawing the orthographic views(1marks)	Development of entire solid(1marks)	Development of entire truncated solid(1marks)	Student was unable to draw in the sketch book(0marks)
COMPUTERISED DRAWING	Draw the development of the entire solid(1marks)	Complete the assigned problems within lab hours (1marks).		Student was unable to draw in the computer(0marks)
PRINT OUTS	Submitting the printout(1marks)			Not Submitting the printout(0marks)

SCHEME OF EVALUATION

Question paper pattern:

- Module -1 is only for practice and CIE and not for examination.
- Question paper for each batch of students will be sent online by VTU and has to be downloaded before the commencement of Examination of each batch. The answer sheets will have to be jointly evaluated by the Internal & External examiners.
- A maximum of THREE questions will be set as per the following pattern (No mixing of questions from different Modules).

Scheme of evaluation:

From Chapters			Marks Allotted
Module 2 [Choice between (Lines or Planes)]			25
Module 3			45
Module 4 or Module 5			30
Total			100
Q. No.	Solutions and sketching in the sketch book	Computer display and printout	Total Marks
1	15	10	25
2	25	20	45
3	20	10	30
Total Marks	60	40	100

- Students have to submit the computer printouts and the sketches at the end of the examination. Both Internal & External examiners have to jointly evaluate the solutions (sketches) and computer display & printouts of each student for 100 marks (60 marks for solutions & sketches + 40 marks for computer display and printouts) and submit the marks list along with the solution (sketches) on graph sheets & computer printouts in separate covers.
- Each batch must consist of a maximum of 12 students.
- Examination can be conducted in parallel batches, if necessary.