

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
PANIPAT
DEPARTMENT OF APPLIED SCIENCES & HUMANITIES

LESSON PLAN
Subject Name: - EGD

Branch/Semester: -2nd Sem.

Subject Code :- ES-109A

Sr. No.	Lecture No.	Description of Topic	Lecture plan date	TARGET OUTCOME
1	L1	Unit-I: Principles of Engineering Graphics and their significance, usage of Drawing instruments, Type of projection ,Title box, Projection of line	20/4/2021	CO1
2	L2	Lettering, Introduction of scale	22/4/2021	
3	L3	Scales – Plain scale	27/4/2021	
4	L4	Numerical on Diagonal scale	27/4/2021	
5	L5	Numerical on Vernier scale	30/4/2021	
6	L6	UNIT 2 Principles of Orthographic Projections – Conventions - Projections of Points	4/5/2021	CO2
7	L7	Projection of point based on shortest distance	5/5/2021	
8	L8	Projection of line 1 st five cases	7/5/2021	
Break from 08/05/2021 – 12/05/2021				
9	L9	Lines inclined to both planes	14/5/2021	
10	L10	Numerical on Lines inclined to both planes	18/5/2021	
11	L11	Projections of planes first three cases	19/5/2021	

12	L12	Projections of planes inclined to one Principal Plane	21/5/2021	
13	L13	Projections of planes inclined to both plane	25/5/2021	
14	L14	Introduction lecture of solid	26/5/2021	
Ist Sessional from 28/05/2021 – 31/05/2021				
15	L15	Projection of solid first three cases	1/6/2021	
16	L16	Solid with axis inclined to one the Planes	2/6/2021	
17	L17	Solid with axis inclined to both the Planes	4/6/2021	
18	L18	Unit-III: Sectional views of simple right regular solids like prism, pyramid, Cylinder and Cone.	8/6/2021	CO3
19	L19	Sectional views of simple right regular solids like prism, pyramid, Cylinder and Cone.	9/6/2021	
20	L20	Numerical on section of solid	11/6/2021	
21	L21	Development of surfaces of Right Regular Solids- Prism, Pyramid, Cylinder and Cone	15/6/2021	CO4
22	L22	Development of surfaces of Right Regular Solids- Prism, Pyramid, Cylinder and Cone	16/6/2021	
23	L23	Numerical on development of surface	18/6/2021	
24	L24	Unit-IV : Principles of Isometric projection – Isometric Scale, Isometric Views, Conventions	22/6/2021	CO5
25	L25	Principles of Isometric projection – Isometric Scale, Isometric Views, Conventions	23/6/2021	
26	L26	Isometric Views of lines, Planes, Simple and compound Solids; Conversion of Isometric Views to Orthographic Views and Vice-versa, Conventions	25/6/2021	

27	L27	Unit-1 Conic sections including the Rectangular Hyperbola	29/6/2021	CO1
28	L28	Cycloid, Epicycloid	30/6/2021	
2 nd Sessional from 1/07/2021 – 5/07/2021				
29	L29	Hypocycloid, Involute	6/7/2021	
30	L30	Numerical on conic section	7/7/2021	
31	L31	Revision of scale	9/7/2021	
32	L32	Revision of projection of point	13/7/2021	
33	L33	Revision of projection of line	14/7/2021	
34	L34	Revision of Projection plane	16/7/2021	
35	L35	Revision of projection of solid	20/7/2021	
36	L36	Revision of development of surface	21/7/2021	
37	L37	Revision of section of solid	23/7/2021	
38	L38	Revision of conic section	27/7/2021	
39	L39	Practice previous year question paper	28/7/2021	
40	L40	Practice previous year question paper	30/7/2021	
3 rd Sessional from 03/08/2021 – 05/8/2021				