


**Department of Science & Humanities
Innovative Teaching Methods**

Activity Title	Model Making
Faculty Name/Department	Mr. Mohan S R / Mech
Mapped Course Name & Code	GE3251 Engineering Graphics
Date	27-05-2024
Benefitted Students (Year / Sem / Dept)	I / II / IT
Topic	Prism & Pyramid – Model Making
Description	<p>A pyramid is a three-dimensional polyhedron-shaped structure with only one polygonal base and has triangular sides. A prism is a three-dimensional polyhedron characterized by two bases that are polygonal in shape and rectangular sides perpendicular to the base. Model Making can promote deeper engagement with the content of Engineering Graphics Basics of development of surfaces.</p>
Course Outcomes (CO)	<p>CO3: Sketch the projections of solids and perform freehand sketching of simple solids CO4: Construct the section and development of surfaces concept for simple solids</p>
Performance Indicator (PI)	1.3.1
Mail ID (for review)	mech.mohan@msajce-edu.in
Activity Photos	

**Marks:**

Reg No	Name	Model Making	Marks
311823205001	ABDULLAH N	Triangular Prism	15
311823205002	ABUBAKKAR SIDDIQ.A	Square Prism	15
311823205003	AFRIN FATHIMA B	Rectangular Prism	20
311823205004	AHAMED IRFAN. M	Pentagonal Prism	0
311823205005	ANJALIN JABAKUMARI.J	Hexagonal Prism	20
311823205006	ARSHATUN NISHA. M	Cylinder	0
311823205007	SHEIK SAMEER AHAMED A	Triangular Pyramid	20
311823205008	ASHWIN G	Truncated Square Prism	0
311823205009	DILLIRANI P	Rectangular Pyramid	20
311823205010	DWARAK S	Pentagonal Pyramid	15
311823205011	FATEMA M	hexagonal Pyramid	0
311823205012	MOHAMED HAREEZ F	Cone	18
311823205013	GAYATHRI S	Triangular Prism	18
311823205014	HAMEED SAHBEEN MM	Square Prism	15
311823205015	HARISH K	Frustum of Square Pyramid	0
311823205016	KAVIARASAN S	Pentagonal Prism	0
311823205017	KISHORE KUMAR A	Hexagonal Prism	20
311823205018	MANJUNATHAN S	Cylinder	20
311823205019	MASIL SANJAI P	Truncated Hexagonal Prism	0
311823205020	MOHAMED RIFAYATHULLAH M	Square Pyramid	0
311823205021	MOHAMED ARSATH RAHMATHULLA K	Rectangular Pyramid	0
311823205022	MOHAMED FARHAN	Pentagonal Pyramid	0
311823205023	MOHAMED HANIF TARIQ S	hexagonal Pyramid	0
311823205024	MOHAMED IFRAN M	Cone	0
311823205025	MOHAMED ILYASH P A	Triangular Prism	15
311823205026	MOHAMED IMRAN S	Square Prism	15
311823205027	MOHAMED IRFAN.A	Rectangular Prism	15
311823205028	MOHAMED OMAR ZEPHAN. A	Pentagonal Prism	0
311823205029	MOHAMED RASIN	Hexagonal Prism	0
311823205030	MOHAMED RASITH M	Cylinder	0
311823205031	MOHAMED RIYAZ M.I	Triangular Pyramid	15
311823205032	MOHAMED RIYAS N	Square Pyramid	0
311823205033	MOHAMED SAFFICK S	Rectangular Pyramid	0
311823205034	MOHAMED SHAMEER S	Pentagonal Pyramid	0
311823205035	MOHAMED THAUFICK. M	hexagonal Pyramid	15
311823205036	MOHAMED YOUSUF HASAN M	Cone	15
311823205037	MOHAMMED NIJAMUDEEN J	Triangular Prism	15
311823205038	MOHAMMED YASIR S	Square Prism	0



311823205039	MOHANA PRIYA M	Frustum of Hexagonal Pyramid	0
311823205040	MUHAMMAD BUSHRUL HEMAYA M	Pentagonal Prism	18
311823205041	MURUGAN P	Hexagonal Prism	20
311823205042	NIHETHA M	Truncated Pentagonal Prism	20
311823205043	PARVEZ NABI Z	Triangular Pyramid	0
311823205044	SHEIK ALAWDEEN M	Square Pyramid	0
311823205045	SRIDHAR R	Rectangular Pyramid	0
311823205046	STEPHEN EVANJALIN	Pentagonal Pyramid	20
311823205047	SHYAM NICOLAS M	hexagonal Pyramid	0
311823205048	ZEENATH NISHA S	Truncated Hexagonal pyramid	20

Outcomes:

Possible student learning outcomes that can be achieved with modelling are to:

- Represent and build design understanding;
- Integrate knowledge within a course, a major, or across an entire program of study to associate concepts;
- Explain or predict relationships among concepts and structures