

GROUP PROJECT -TA201

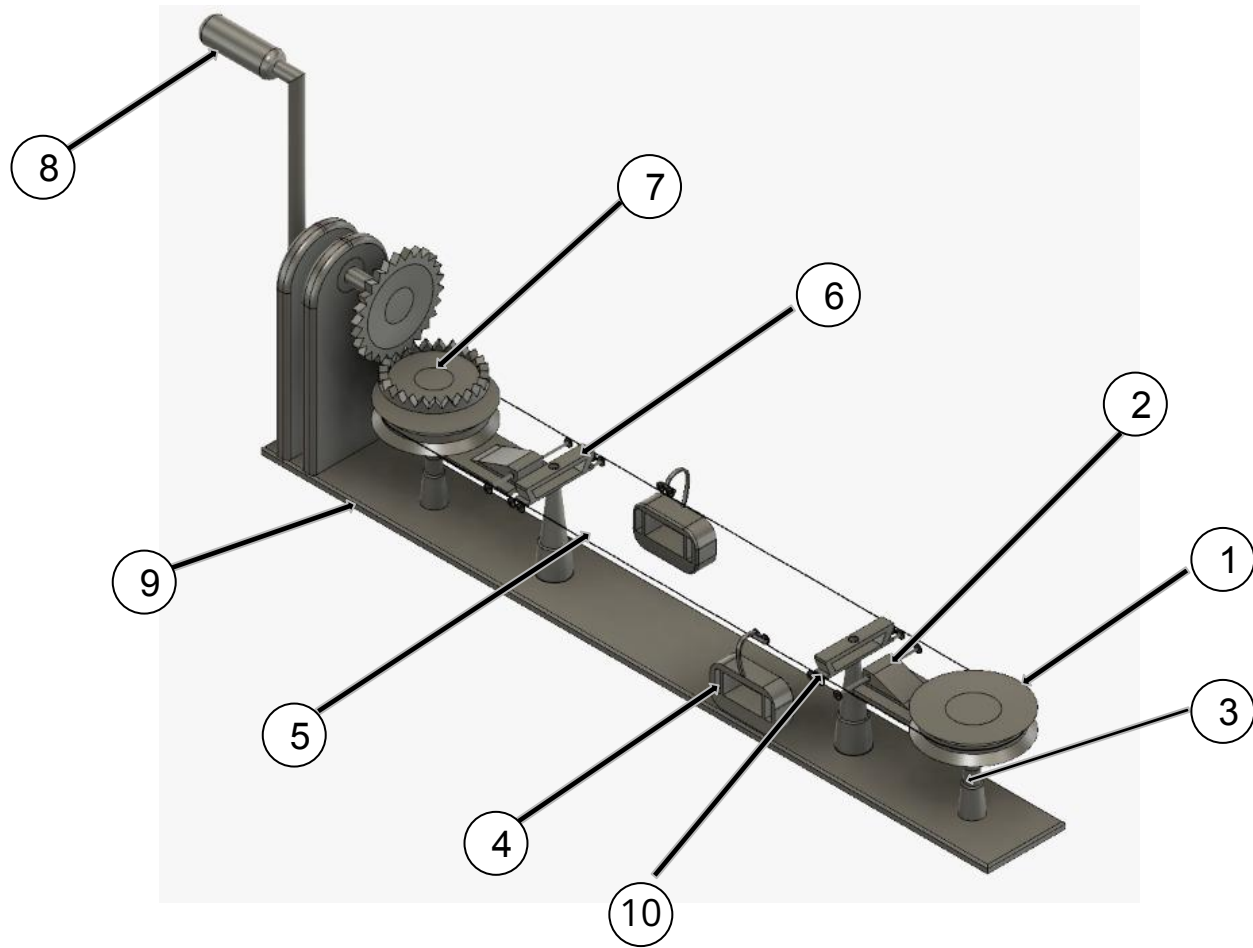
By group S4-T2G1

Group Members:-

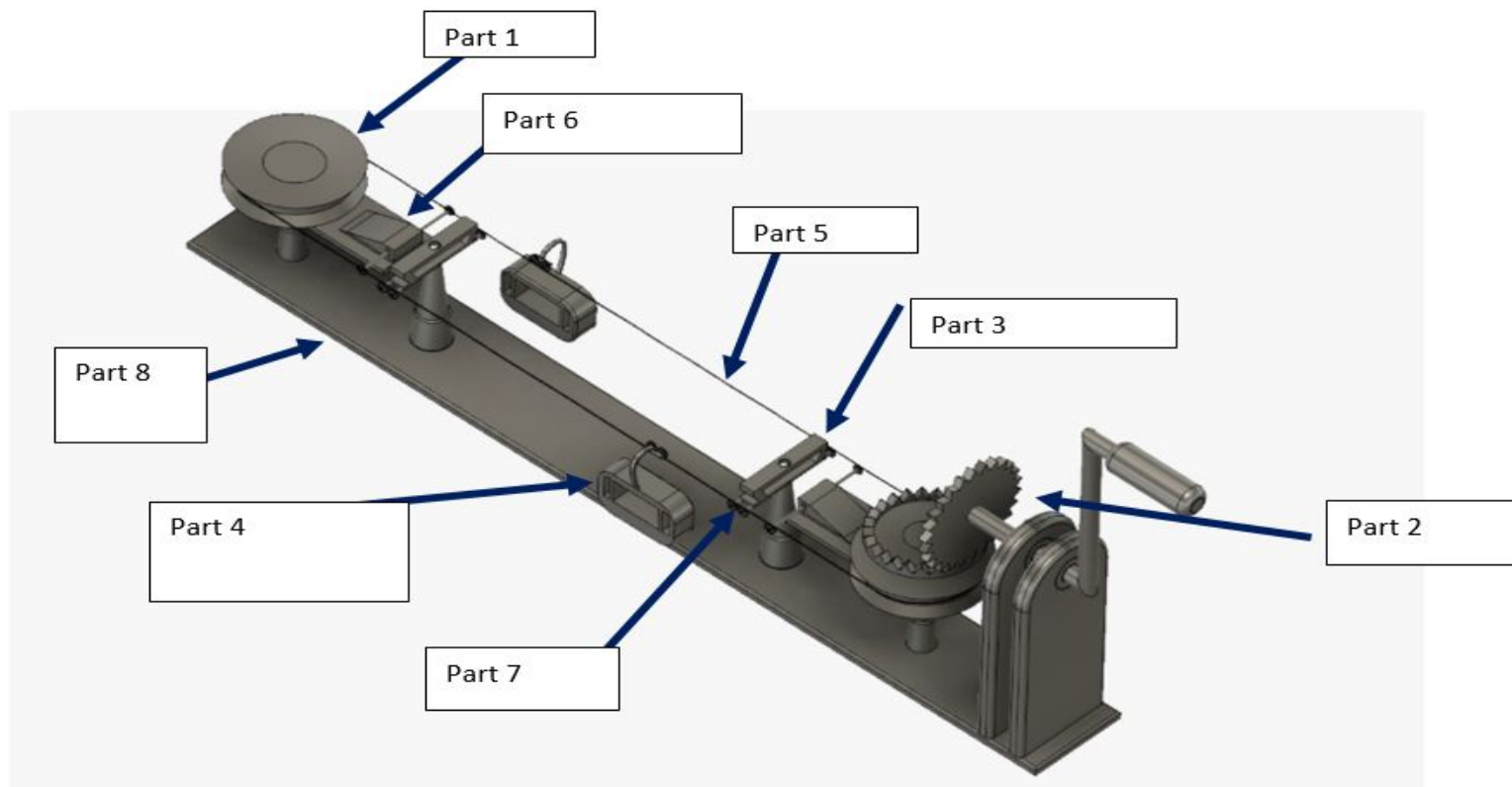
- Shreyansh Sinha
- Piwal Abhishek Satish
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- Hardik Singhal
- Pranjal Sharma
- Kajal Deep
- Harsh Chak
- Divyansh Agarwal
- Ashish Bairwa

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Ropeway Trolley



ISOMETRIC DRAWING OF COMPLETE ASSEMBLY



Scale 1:13

PARTS	PROCESS USED	MATERIAL USED
1.PULLEY	Sand casting ,Forging	Gray Iron
2.BEVEL GEAR WITH HANDLE	Gear Cutting	Aluminium and Cast Iron
3.TRESTLE AND BRITTLE BARS	Aluminium Die Casting	Aluminium
4.TROLLEY(Cabin Hanger Carriage)	Welding, Adhesion	Mild sheet square rod, mild sheet steel, mild sheet disks of two different diameters (for carriage)
5.HAULING ROPE		Thin Galvanised Wire

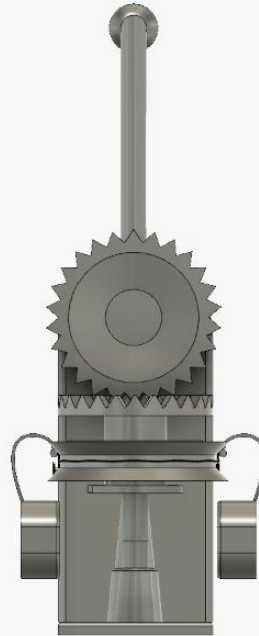
PARTS	PROCESS USED	MATERIAL USED
6.ROLLER	Welding, Adhesion and Casting	Aluminium or cast iron, mild steel round rod, mild steel disks
7.SHEAVE TRAIN	Welding, Adhesion	Mild steel disks, Mild steel rods
8.BASE OF MODEL		Galvanised Iron Sheet

ORTHOGRAPHIC VIEW (TOP)



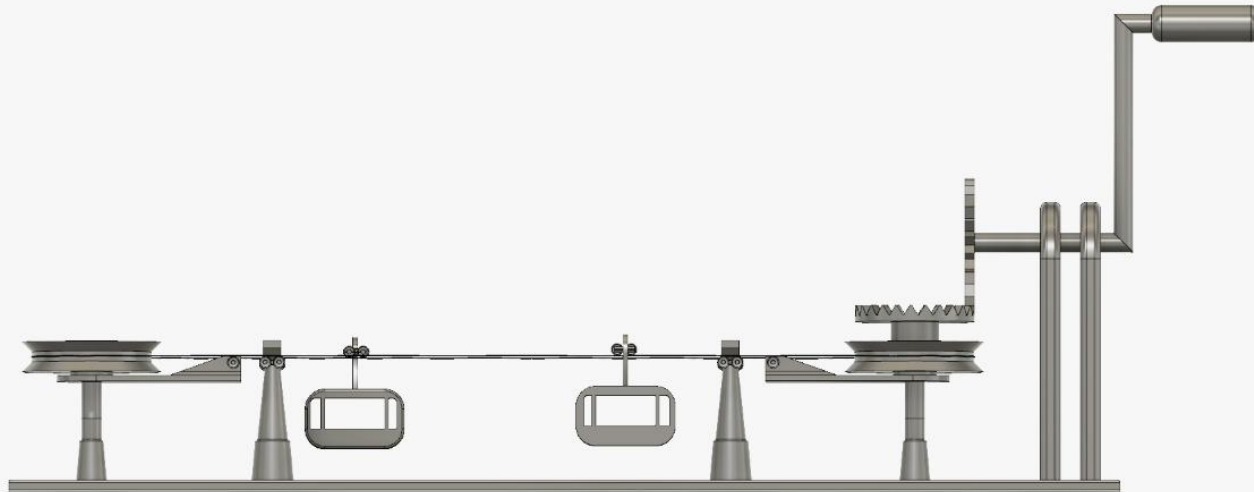
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ORTHOGRAPHIC VIEW(Side view)



Scale 1:13

ORTHOGRAPHIC VIEW(Front)



Scale 1:13