Ex. No. 6 - SIMULATION OF FUSED DEPOSITION MODELING PROCESS

DATE:

AIM:

To simulate the Fused Deposition Modeling (FDM) process.

REQUIREMENTS:

System - Windows 7 or higher, 1 GB RAM.

PROCEDURE:

STEP 1: Click on 'Base'. Base and Build Platform will be displayed on the left side of the screen.

STEP 2: Click on 'Extruder' then extruder and extruder nozzle will be displayed.

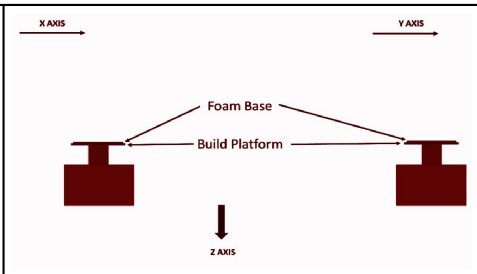
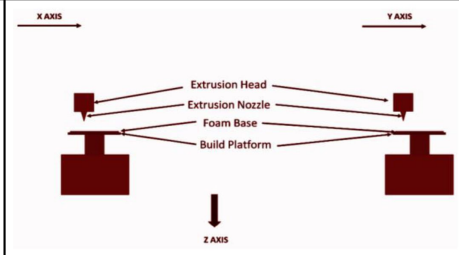
STEP 3: Click on 'Material Spool' then material spool will be shown.

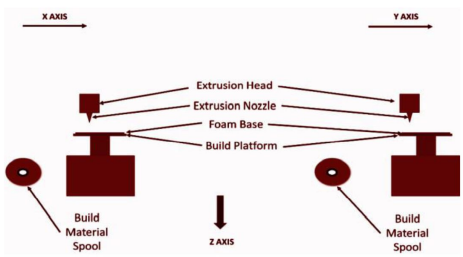
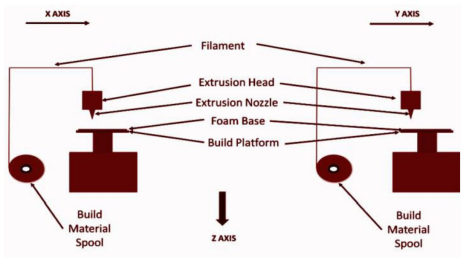
STEP 4: Click on 'Filament' then filament will be added.

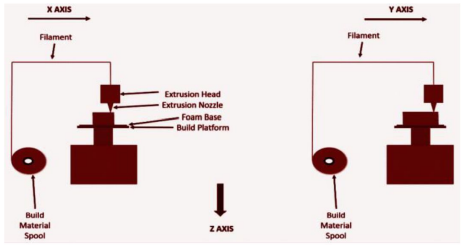
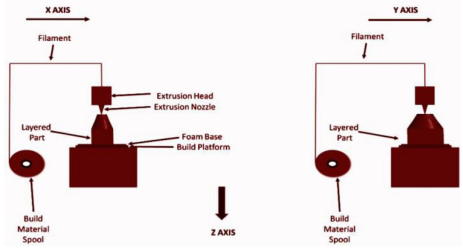
STEP 5: Click on 'Start Process' to begin the process.

STEP 6: After the process is complete click on 'Stop Process' to view product generated using FDM process.

OUTPUT:

STEP 1		EXPLANATION :
STEP 2		EXPLANATION :

STEP 3		EXPLANATION:
STEP 4		EXPLANATION:

STEP 5		EXPLANATION:
STEP 6		EXPLANATION:

Output:

Name: SUNIL KUMAR T

Register Number: 23001650

Result:

Thus the simulation on the FDM process is completed & prototyping process is studied.