STL TO STEP CONVERT PROCEDURE

Objective:

To convert the .stl file format to .step file format

Procedures:

Install the python-OCC package.

Install anaconda command prompt.

Open the anaconda command prompt and run the following codes.

- 1) conda -n pyoccenv python=3.8.
- 2) conda activate pyoccenv.
- 3) conda install -c conda-forge pythonocc-core.
- 4) python -c "import OCC; print(OCC.VERSION)"
- 5) conda install -c conda-forge pyside2.
- 6) now the environment to be created for python occ.
- 7) run the below step conversion script on anaconda command prompt.

```
b/occ.py", line 7
    write_step_file(shp, "C:\Users\19174\Documents\mine.step")
    ^
SyntaxError: (unicode error) 'unicodeescape' codec can't decode bytes in position 2-3: truncated \UXXXXXXXX escape

(pyoccenv) C:\Users\19174> python C:\Users\19174\AppData\Roaming\Python\Python311\site-packages\pythonocc-core-master\pythonocc-core-master\.github/occ.py

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Statistics on Transfer (Write)

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Transfer Mode = 0 I.E. As Is

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Transferring Shape, ShapeType = 0

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**WorkSession : Sending all data
Step File Name : mine.step(195796 ents) Write Done
```

8) Now the .stl file converted to .step file