**ENGINEERING GRAPHICS.**

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**Computer Science and Engineering.**

**HW5\_MEEN1101\_FIAGBOR\_P1**

Calculating the volume of a torus.

R

r

The volume of the torus is given by

V=(πr2)(2πR)...

where R= Major radius

r=minor radius.

Therefore, R=2 inches and r=0.75inches

Substituting into formula,

V=π(0.75)^2(2\*π\*2)

V=22.21inches.