



Problem of the Month Application

(Patent and Innovation Cell)

form

Month – November 2021

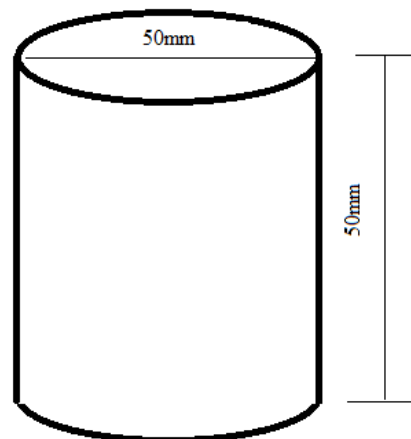
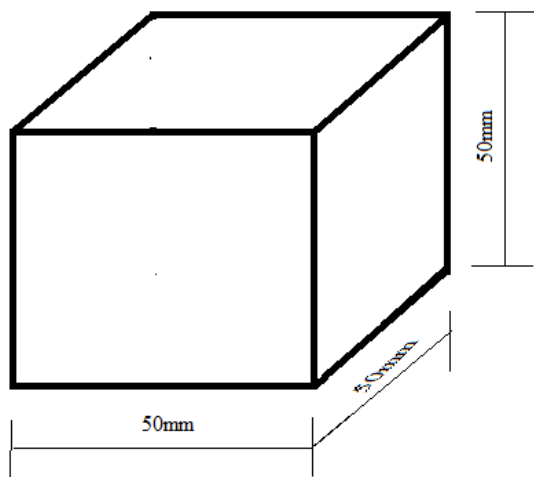
Name of the problem: **Process Development of Graphite Box**

Problem statement:

The stated problem is related with manufacturing of Graphite box/ cylinder.

The Graphite is available in powdered form. It should be converted into solid form and meet the following requirements:

1. You may use any additive or binding material to convert the powdered form of Graphite into solid form.
2. The bond should break at 80°C to 100°C.
3. The solid block should follow hygroscopic properties.
4. Dimensions for Graphite block (50mm×50mm×50mm) / cylinder (OD 50mm, L 50mm) are as follows.



Specify your solution with neat detailed drawing, bill of material etc.

Fill the Google form and send to the mail problemofmonth@sanjayghodawatuniversity.ac.in

For query, contact Dr. Abhijit Patil (7028025707).