

PROBLEM STATEMENT-SS1

TO DESIGN SHELTER FOR THE HABITANTS ON KEPLER 1649C

Solution statement-

- Since the exoplanet is comparatively closer to its dwarf sun than earth is to sun , but obvious the radiations from its sun will be a lot more . so any from of shelter there can be made of flint glass or AS1 glass(laminated glass)to prevent excessive radiation from causing any problems not just to the humans but also the vegetation or any other organism not used to such extreme conditions.
- The excess UV radiation can be trapped and thus can be used for sterilizing necessary products and then heat produced can be used as fuel and since this fuel is abundant it need not be replenished .
- Reusing of already existing clothes is easy with the idea of hand me downs as and when a person grows out of the size.the not so wearable clothes can be reused by making pillowcases and bedsheets out of them.
- The plant and human waste can be used for again manure and supporting vegetation .