BANANA SKIN COMPOSITE

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DESCRIPTION OF INNOVATION
(Background innovation/Idea/Problem statement)

The numerous wasted of banana skin around in our country may cause to environmental pollution since no one took action to prevent it. During decomposition process some of the chemical that released can caused air pollution and they are very harmful to the body.

Besides that, banana skin residual will attract pest such as rats, cockroaches, and centipedes. This animal can possibly carry disease that harm to people.

IMPACT OF INNOVATION
(Advantages/Market potential/Extensive innovation)

Use the term of “agricultural waste” as our raw material is banana skin. We believe if we use the agricultural waste in a proper way, we can presenting banana skin as a new composite raw material in furniture making and solve the problems in future.

OBJECTIVE

To produce a successful Banana Skin Composite panel. At the same time to prove that using banana skin is kind of a new alternative material to produce composite panel and minimizing banana skin waste itself.

DIAGRAM BLOCK / OPERATIONAL FLOW CHART

START
- Collecting unused banana skin
- Mixed resin with banana skin
- Compress the mixed ingredient using Hot Compressor
- Run the test on the panel
- The panel is ready

End
- Dry them under the sun
- Prepare the resin that are needed
- Put them in Wood Flaker Machine
- Dry them into the oven and get the MC