

## **Agro-Industrial Alkali Activated Composites for Pre-Fabricated Building Elements and 3D Volumetric Construction**

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**Abstract:** "Agro-Industrial Alkali-Activated Composites for 3D Concrete Printing and 3D Volumetric Construction" with financial support of MOUHA, wherein we need to develop concrete using agro-forestry waste having properties meeting to the prerequisites for 3DCP. Development of Agro-Industrial / Bio-Waste Composites for 3D-concrete printing and 3D volumetric construction Evaluation of properties of agro-waste ranging from corn starch, straw like rice husk ash (RHA), sugarcane bagasse ash (SCBA), and bamboo leaves ash (BLA) among others have been identified as potent solutions in the development of sustainable construction concrete 3D printing material.