

1 **ASSESSMENT OF PROPERTIES OF CONCRETE FABRICATED**
2 **WITH SUN-FLOWER STALK AND CORNCOB ASHES**
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12 **Abstract:** This study focus on the examination of concrete made by partially substituting Corn
13 Cob Ash (CCA) and Sunflower Stalk Ash (SSA) for cement. Cement was modify with CCA
14 and SSA at the ratios of (0, 5, 10, 15, and 20 percent) by weight of cement.

15 Concrete cylinders were formed, and they took 7, 14, and 28 days to cure throughout the 28-
16 day curing process for concrete beams. The cylinder's compressive strength and the beam's
17 flexural strength were tested. Compressive tests, flexural tests, and slump tests were carried
18 out. The results disclosed that workability (slump values) decrease with increased ash content.
19 The compressive strength at all ages showed a decline with a rise in ash content, while the
20 flexural strength enhanced with an increased dosage of ash.
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