Research Highlights

- ➤ Efficient *C. operculatus* extraction yields 17% polyphenols in dry material.
- > *C. operculatus* extract has high polyphenol content & strong antioxidant properties.
- ➤ New edible coating formulation for preserving mangoes was achieved.
- ➤ Antioxidant properties of *C. operculatus* extract benefit mango in edible coating.
- ➤ The first evidence of *C. operculatus* extract's impact on an edible coating for mango.