

International Conference on Nurturing Sustainability through Innovations in Science and Technology for Global Welfare



Contribution ID: 59

Type: Poster

A face pack formulation with antioxidant attributes

The invention pertains to a novel face pack formulation based on Borassus flabellifer endosperm pulp. This formulation, comprising 60-65% w/w Borassus flabellifer endosperm pulp along with agar agar, glycerol, carboxymethyl cellulose, citric acid, sodium benzoate, Cinnamomum tamala leaf powder, mannitol, and water, aims to leverage natural ingredients to deliver skincare benefits. The face pack is rich in phenolic compounds, primarily sourced from Cinnamomum tamala leaf powder, which contribute to its potent antioxidant activity. The method of preparation involves blending the ingredients to form a preparation, which can be applied on face. In vitro tests revealed that the formulation can form a film, in addition to exhibiting enhanced antioxidant activity owing to inclusion of Cinnamomum tamala leaf powder. This innovation addresses the need for environmentally friendly, natural skincare solution that provides consistent results without the drawbacks associated with face packs containing synthetic polymers.

Primary authors: Mr SP, Venkanna (JAIN (Deemed to be University)); Ms A, Lidia (JAIN (Deemed to be University)); Ms B, Srividya (JAIN (Deemed to be University)); Mr ., Devika (JAIN (Deemed to be University)); Mr S, Harshan (JAIN (Deemed to be University)); Mr DM, Navaneeth (JAIN (Deemed to be University)); R JOSHI, Apurva Kumar

Presenter: R JOSHI, Apurva Kumar

Track Classification: Health and Well-being