

# INFUSE 2025: International Conference on Frontiers of Unified Science and Exploration



Contribution ID: 10

Type: Poster

## Face scrub with Lipase activity

Face scrub is one of the most commonly used cosmetic preparations for exfoliating facial skin. Most commercially available face scrubs are stored and sold in plastic containers due to the fact that they are formulated as aqueous preparations. To overcome use of plastic as packing material for face scrub, we have developed a powder formulation that can be sold and stored in environmentally friendly containers such as wooden boxes or paper pouches. Lipases are enzymes that act to hydrolyze lipids. Clogging of sebaceous glands with sebum could lead to undesirable outcomes. Use of lipase may be hypothesized to alleviate this due to hydrolysis of contents of sebum. The two part face scrub described herein delivers lipase as the enzymatic active principle and power of *Syzygium cumini* leaf as source of antioxidant activity. The face scrub also contains coarse powder of nutmeg shell as the physical exfoliant.

**Author:** R JOSHI, Apurva Kumar

**Co-authors:** Ms M, Divya (Jain (Deemed to be University)); Mr R, Karthik (Jain (Deemed to be University)); Ms KUMARI, Shivangi (Jain (Deemed to be University))

**Presenters:** Ms M, Divya (Jain (Deemed to be University)); Mr R, Karthik (Jain (Deemed to be University)); Ms KUMARI, Shivangi (Jain (Deemed to be University))

**Track Classification:** Biological Sciences