

**DESIGN AND DEVELOPMENT OF NANO TRANSFEROSOMES FOR  
TRANSDERMAL DELIVERY CONTAINING ANTIFUNGAL AGENT****Arvind Shankar Lal\*<sup>1</sup>, Ashvani Kumar<sup>2</sup> and Abadhesh Kumar Niranjan<sup>3</sup>**

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**ABSTRACT**

Native natural cures are ones that have for some time been used in a specific region or local area and are notable to the nearby people with regards to their structure, use, and measurement. The extraction of plant material would be carried out by Soxhlet extraction method with appropriate solvents. Formulation of herbal Dosage form. Centella asiatica included alkaloids, steroids, terpenoids, phenolic compounds, and saponins, according to a phytochemical investigation. Physicochemical assessment parameters of formulations of ointments was found and tabulated in table. The results of the vesicular size analysis showed how the concentration of methanol affected vesicle size. Transfersome were prepared after process and formulation factors were optimized. Methanol was present in concentrations between 25

and 45 percent. Sodium deoxycholate was present in the formulation in a 15% proportion. Average diameter of Centella asiatica transfersomes of formulation FET3 was found to be 3.114  $\mu\text{m}$ . It was also found to be within the size range. Further this formulation will be used for the treatment of different skin problems. Additionally, any unrecorded knowledge about this plant species has to be logged and thoroughly investigated in order to benefit humanity.

**KEYWORDS:** transfersome, Centella asiatica, Skin, herbal.