

**DEPARTMENT OF PRINTING AND PACKAGING TECHNOLOGY**

**June 20, 2020**

A.P.J Abdul Kalam, TERRE Policy Centre, instituted the scheme for Dr. A.P.J Abdul Kalam Young Research Fellowship with the aim of distinguishing young Researchers from India with extraordinary promise and creativity who have made notable research contributions in the field of Environment protection. This fellowship has been bagged by Ms. Shruti Belose and Ms. Aarti Desai, second year PPT students.

Their project titled "Bio-leather: A Flexible Packaging Material as an alternative for Plastics" went through two rounds of rigorous scrutiny and then a final interview with experts and got selected for the fellowship. This project was carried out by Ms. Shruti Belose and Ms. Aarti Desai under the guidance of Prof. Katyayini Shirur from the Department of Printing & Packaging Technology.

The fellowship carries monetary benefit of up to Rs. 10,000/-, along with a citation, scroll and a medallion. This project is an effort to produce a flexible packaging material which can have a better moisture and oil repellence along with desirable physical property using Kombucha Scoby – a mixture of micro-organisms.



This is an economical way producing the material using micro-organisms and agricultural/industrial wastes. TERRE is a non-profit, non-partisan, independent organization dedicated to sustainable solutions to our development imperatives.

<http://www.drkalamfellowship.com/>

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