

27. Digitizing the Bamboo

COURSE FACULTY **Susanth C. S.**



Principal Designer, National Institute of Design

Education:

Graduation from National Institute of Design in 1998 in Industrial Design with specialization in furniture Design. Currently he is pursuing PhD from NID Ahmedabad

Experience:

More than 20 years of professional experience working with NID outreach programme, education and consultancy services. Currently he is Discipline Lead of M. Des. Design for Retail Experience and Head of NID Centre for Bamboo Initiatives at Bengaluru Campus.

CO-FACULTY

Anoop Saxena

Associate Faculty, National Institute of Design



Education:

B Tech in Electrical-Electronics
Masters in Science-Communication

Experience:

10 years of experience in Science- Communication, Embedded system, Design education and Curation

Keywords

Bamboo, digital technology, lifestyle products, resources, modern, sustainable, innovative, creative

Overview

Bamboo is the most sustainable and renewable natural resource available. Traditionally it has been used for various applications. In modern times, it has lost the importance and other materials have overpowered its existence in the market. Looking at the today's scenario, there is over-use of non-sustainable material and the pollution is reducing the life on earth. In such a scenario, bringing sustainable material back in the market in new forms can create a new lifestyle which is greener. In this workshop, students will be exploring the possibility to create innovative, artistic way for society by mixing traditional and digital materials.

Course Code: **OE2027** | Seats: **14**

CAMPUS: Bengaluru

Objective

Objective is to understand the properties of materials and combining it to make something more meaningful by putting human intelligence for modern life

Methodology

Learning about bamboo -Learning to know Digital Technologies -Hands-on experimentation with materials -Design a product using bamboo and digital technologies -Presentation and Documentation

Deliverables

Using sustainable material for DesignAddressing contemporary market for social/innovation sector
Tangible outcome: A range of innovative products using bamboo and digital technology