

AMID-18 WORKSHOP (Wood, cane and Bamboo)

Course Overview:

The course is intended to provide information on working with Bamboo and wood which are among the major materials used in the interiors. Understanding of wood as building material, finishing material for surfaces and as furniture material.

Objectives of the course:

To give an exposure to the materials and introduce various tools and techniques in making objects.

Expected Skills / Knowledge Transferred:

Ability to make products and elements of various scales for interiors with bamboo and wood.

Course Contents: Unit – I:

Types of wood –natural and artificial and its properties

Working with wood and wood products to understand material parameters. Wooden joinery and its strength. Wood polishes and other finishes – color and surface quality.

Unit – II:

Making of elements of various scales in the built form such as interior space making elements, furniture forms, various products, Art & Artifacts by using wood.

Unit – III:

Introduction to cane, bamboo, working with bamboo/cane and their products to understand material parameters. Bamboo and cane joinery and its strength. Polishes and other finishes

Unit – IV:

Understanding the material and tools by making objects which allow students to explore the forms, surfaces, textures and patterns. Explore different joinery, support conditions, and woven surfaces.

Reference Books:

Carol Stangler, The crafts and art of Bamboo, Rev. updated edition, Lark books, 2009. Dr Angelika Taschen, Bamboo style: Exteriors, Interiors, Details, illustrated edition, 2006. Albert Jackson & David Day, The complete manual of wood working, knopf publishers, 1996. Lonnie Bird, Jeff Jewitt, Thomas lie- Nielsen, Taunton's Complete Illustrated Guide to Woodworking, Taunton, 2005. Peter Korn, Wood working Basics : Mastering the essentials of craftsmanship, Taunton , 2003.

