




INDUSTRIAL DESIGN WORKSHOP

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Introduction

Location: Level GF-033

Workshop Size: 60.45ft X 27.68ft

Capacity in one time : 15-30 person students

Description:



Industrial design workshop began operations in 2006. This workshop used to do wood work such as cutting, planer, chiseling and so on related to woodworking. Normally used by lecturers and students undergraduate to teach studio work (model), final year project, exhibitions, preparation for the competition to be accompanied, KAED fest and Ta'aruf Week. This workshop is equipped with electrical machines, power tools and hand tools.



Departments that use the workshop:



- 1. AAD Department**
- 2. ARCH Department**
- 3. Landscape Department**







List of equipment

Equipment		Purpose
Bandsaw-Basato asato 5-2		Band saws are mainly used in woodworking. The saw's main advantages include highly uniform cutting action from an evenly distributed tooth load, and the ability to cut irregular or curved shapes
Circular Saw Benches-ts 4010ci	 <p>The ts 4010 with optional table length and width extensions, sliding table carriage, and wheel base.</p>	Circular Saw are mainly used in woodworking. The machine serves for making straight longitudinal, cross, angular and mitre cuts.

Equipment		Purpose
Spindle Moulders-hf 3000ci		<p>Spindle moulder machine are commonly used to trim and shape wood to make it ideal for various uses such as in shutters, windows, frames, doors, etc. The spindle moulder is a versatile tool enabling two principle processes, trimming and tenoning.</p>
Scroll Saws-deco flex		<p>A scroll saw is a small electric or pedal-operated <u>saw</u> used to cut intricate curves in wood, metal, or other materials. The fineness of its blade allows it to cut more delicately than a <u>power jigsaw</u>, and more easily than a hand <u>coping saw</u> or <u>fretsaw</u>. Like those tools, it is capable of creating curves with edges</p>

Equipment		Purpose
Miter Saw LS1440 Makita	 A Makita LS1440 miter saw, featuring a large circular blade mounted on a swivel base with a guide fence and a handle.	<p>Clean miter cutting up to 45 degrees, right or left. Self-aligning center plates on the guide fence for less splintering. Large cutting capacity with 355 mm (14") blade. Electric brake for maximum productivity and increased operator safety. Holders are provided on both sides of the tool to hold long workpieces horizontally</p>
Woodturning Lathe-dms 1100	 A woodturning lathe with a blue frame, yellow motor, and yellow tool rest, designed for shaping wood into cylindrical profiles.	<p>Wood turning lathes are typically used to shape wood into cylindrical profiles. Objects made on a wood lathe include such items as furniture legs, lamp posts, baseball bats, bowls and other ornamental forms.</p>

Equipment		Purpose
Drilling Machine-rab s16x		<p>The drilling machine is defined as a machine which is used to make a circular hole, a tool used to drill the holes of different size and other related operations using a drill bit.</p>
Dust Extractor -ha2000		<p>For collection of wood chips and shavings in a workshop/DIY environment. Can be connected to various woodworking machines by use of the flexible hose. Floor suction facility included.</p>

Equipment		Purpose
Dust extractor - IXES Woova 7	 A tall, grey and white industrial dust extractor with a flexible orange hose attached to the side. It has a cylindrical body and sits on four small wheels.	<p>An industrial fully enclosed fine dust extractor designed for the collection of the fine dust from sanding saws and planers as well as any other type of machine that has a waste outlet. The filter is intended for use with fine dust particles and is fully enclosed to keep the dust within the extractor.</p>
Floor standing belt / disc sander SM 15	 A blue and black floor-standing sanding machine. It features a large sanding disc and a belt sander mechanism mounted on a sturdy black metal frame with four legs.	<p>This Sealey belt and disc sander, fitted with a heavy-duty induction motor, is suitable for general woodworking applications and supplied with a floor stand. The sanding disc table tilts up to 45° and is supplied with mitre gauge for accurate angle sanding. The belt can be used horizontally, vertically or any angle in between.</p>

Portable Power Tools

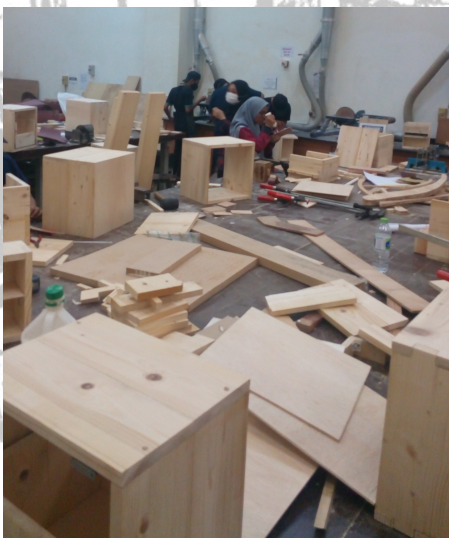


Hand tools

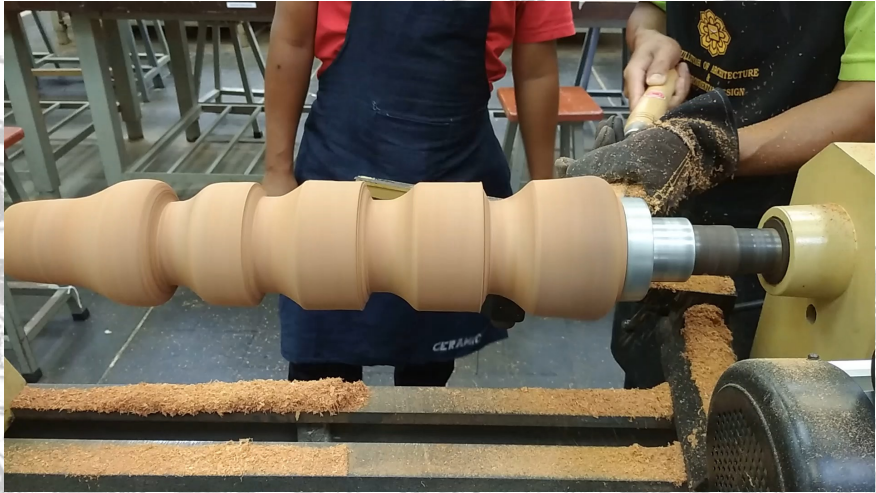


Gallery





Video



Sample of product



Furniture



Wood Carving



Exhibition





Car design



Prototype and model making



Matel & wood stool



Furniture that grows up with kids



Gazebo



Custom cabinets & furniture desing

Opening Hours

Monday to Thursday

8.00am – 1.00pm

2.00pm – 5.00pm

Friday

8.00am – 12.15pm

2.45pm – 5.00pm

Non-working hours

Kindly contact
person in charge

