


# CERAMIC WORKSHOP

**NAME OF PIC : ISMAIL BIN ALI**

**POST: ASST. SCIENCE OFFICER**

 : 0192238038

*Email : [ismailali@iium.edu.my](mailto:ismailali@iium.edu.my)*

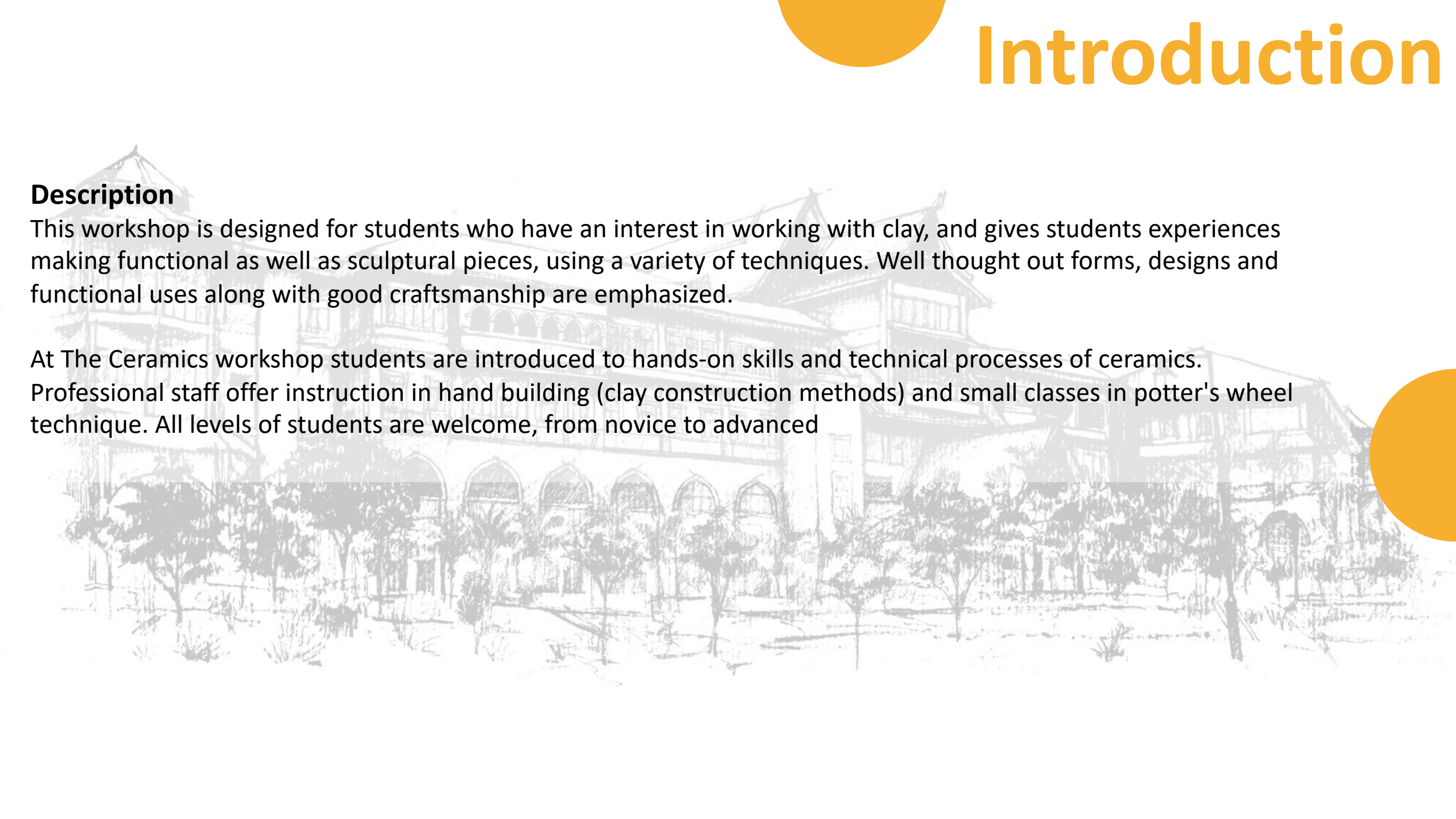


# Introduction

## Description

This workshop is designed for students who have an interest in working with clay, and gives students experiences making functional as well as sculptural pieces, using a variety of techniques. Well thought out forms, designs and functional uses along with good craftsmanship are emphasized.

At The Ceramics workshop students are introduced to hands-on skills and technical processes of ceramics. Professional staff offer instruction in hand building (clay construction methods) and small classes in potter's wheel technique. All levels of students are welcome, from novice to advanced

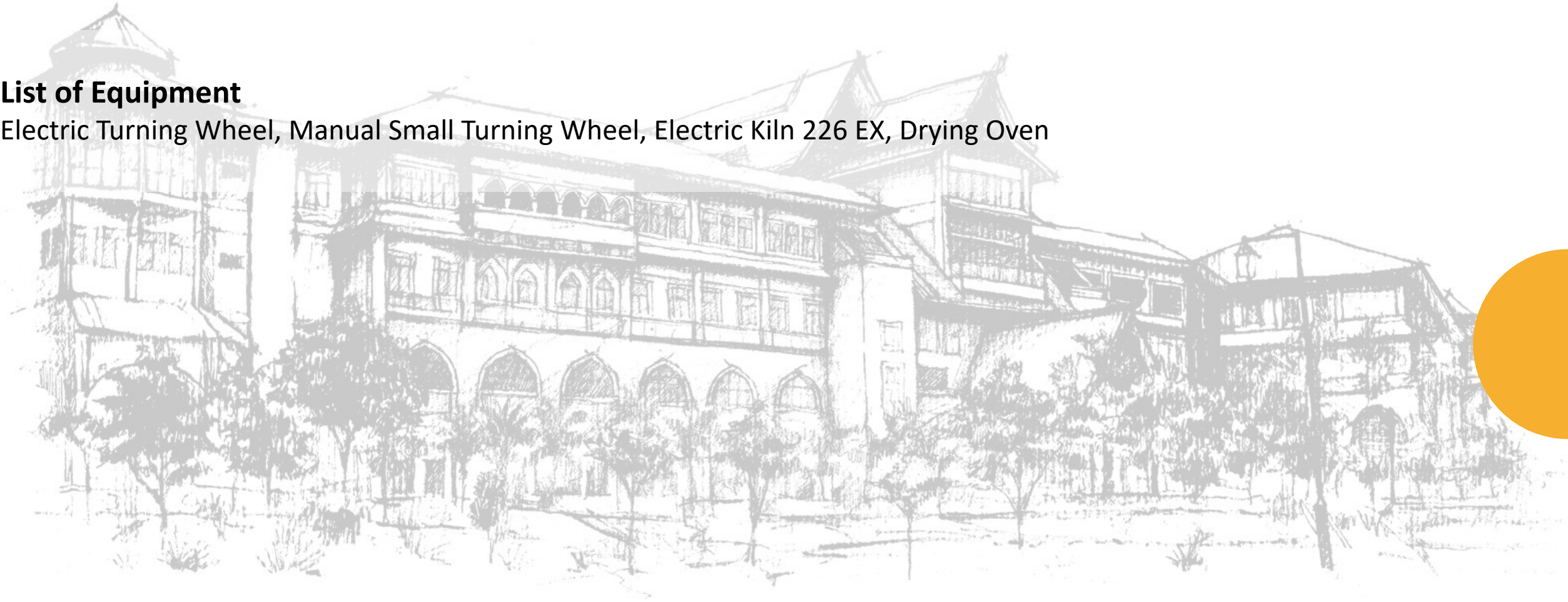




# Introduction

## List of Equipment

Electric Turning Wheel, Manual Small Turning Wheel, Electric Kiln 226 EX, Drying Oven



# Introduction

The workshop is used as classroom for certain courses:



- **Architecture - Subject related to structure and building construction**
- **Quantity Surveying - Related to structure, building construction, civil engineering construction and studio**
- **Landscape Architecture - Construction**
- **Applied Arts and Design – Related to interior design**
- **Urban & Regional Planning - Construction**









# List of equipment


Equipment		Purpose
Electric Turning Wheel – 3 unit		In pottery, a potter's wheel is a machine <b>used in the shaping (known as throwing) of clay into round ceramic ware</b> . The wheel may also be used during the process of trimming excess clay from leather-hard dried ware that is stiff but malleable, and for applying incised decoration or rings of colour.
Electric Kiln - 1 unit		An electric kiln is a heating chamber used <b>to transform materials at high temperatures</b> . A kiln hardens ceramic bodies using a process invented thousands of years ago. Clay, when heated properly, becomes hard enough to form tiles and vessels. Glazes fired over the clay become permanent decoration.

# List of equipment

Equipment		Purpose
Gas Kiln – 1 unit		Kiln machines are used to fire or heat ceramic products. To ensure constant firing of ceramic products and reduce the rate at which trees are felled, the adoption of an effective gas kiln is very necessary. Gas kilns have the advantage of firing to very high temps, often exceeding electric kiln temperatures of 2350°F. In comparison to wood fired or non-electric methods, another advantage of gas kilns is that they do not require stoking to maintain their temperature.
Drying Oven - 1 unit		A Drying oven is designed to remove moisture from the oven chamber so to dry the samples as quickly as possible. The drying oven process introduces fresh dry air to the chamber and expels the warm moist air simultaneously allowing to rapidly dry the samples. For ceramic materials, the drying process is necessary to remove the water that was added to the clay in the molding step and to provide the necessary strength to reduce the chances of failure during the product firing step.



# List of equipment

Equipment		Purpose
Manual Small Turning – 15 unit		<p>A pottery wheel has a circular plinth or wheel head that rotates whilst the potter's hands are free to shape the clay. The potter uses pressure against the centrifugal force of the clay to shape it. The wheel head can be made to move manually.</p>



# Gallery





# Sample of product / work

Ceramic



Carving Stone





# 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

