

## 3.0 Appropriate Technology towards Responsive substrate design and construction

### COURSE FACULTY **Asmah Abraham Ekow**



KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

#### Education:

• PhD in African Art and Culture June 2009 • MPhil Art Education June 2004 • PG. (Dip.) Art Education. June 1993 • BA (Hons) Textiles June 1987 • Diploma Rural Art Sept. 1979

#### Experience:

Traditional Art/Design substrate & construction, wood/wall Surface prints expert. Snr. Lecturer, Fibres & Fabrics. Researched: conventional & unconventional materials, Textiles, Integrative Art, Art History, Design, Education/Art & Culture. Workshop trainer, liaison officer b/n industry & Department. Resource person-national & international training workshops. Outreach services-Universities affiliated to Art & creativity.

### CO-FACULTY

### **LUMOR SYLVESTER KWAME**



KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

#### Education:

B.A INTEGRATED RURAL ART AND INDUSTRY (2009) DIPLOMA IN RURAL ART AND INDUSTRY(1998)

#### Experience:

Expert in Wood, Textiles, Metal, Mural Construction

### Keywords

Appropriate Integrative Technologies, Substrate design, construction, contemporary materials, future design

### Overview

The workshop is designed to challenge participants to creatively utilize available natural materials integrated with contemporary materials to formulate design print possibilities. Traditional design concepts and production practices adapted will reflect future design probabilities desirable to both national/international clientele. Participants will be led to discover their artistic potential by utilizing the basic understanding of these design possibilities. Participants are required to learn new ways of design presentations to enable the present technology to adapt natural materials to minimize the over-consumption of synthetic materials and the problems of traditional practitioners in terms of material, cost, methodology, design and production diversities.

Course Code: **OE2003** | Seats: **14**

**CAMPUS: Ahmedabad**

### Objective

To acquire alternate knowledge on eco-friendly and self-made locally formulated print pastes for varied substrate Deco-productions. To empower individuals to advocate for the promotion of eco-friendly available materials to minimize and improve productivity. To experiment with the integration of chemicals and natural and their effect on four different substrates to achieve a customized desired result.

### Methodology

Formulation of print pastes and print templates, screen printing on wood and interior walls, Utilization of locally available materials, Illustrated presentations, group exercises, discussions and brainstorming sessions. Developing technical skills in ecofriendly substrate design print productions, fabric coloration and wall prints.

### Deliverables

Develop technical skills to increase the knowledge in eco-friendly and appropriate substrate design applications, within the area of fabric coloration, in the field of textile, wood Deco prints and interior décor prints. Documentation and display/exhibition.