

# CIVIL ENGINEERING DEPARTMENT

## DIPLOMA IN WOOD BASED TECHNOLOGY

**DBK**

### PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The Diploma in Wood Based Technology programme shall produce balance TVET graduates who:

**1**

Applies creative and critical thinking skills effectively together with great practical skills to provide quality and recognised solutions in wood industries.

**2**

Engages in entrepreneurship activities and demonstrate good interpersonal skills with proficient digital literacy to develop a holistic individual.

**3**

Interacts effectively in workplace with local or global setting and comply with organizational and professional ethics in their respective work environment.

**4**

Identify self-improvement initiatives and apply sustainable practices to lead and be responsible towards the surrounding communities.

### PROGRAMME LEARNING OUTCOMES (PLO)

Upon completion of the programme, students should be able to:

**1**

Apply fundamental knowledge of wood technology emphasized in product design and manufacturing, wood engineering, wood science and management.

**5**

Use digital applications in interpreting routine and complex numerical or visual data.

**2**

Identify concepts theory and principles or analyse creative and critically in solving problems within wood industries.

**6**

Lead and perform work responsibly and with autonomy under broad guidance and well defined work activities.

**3**

Display appropriate practical skills and make adjustment to practices or process according to the changes in wood based industries.

**7**

Identify self-improvement initiative, develop realistic career, engage in entrepreneurship and participate in activities with surrounding community.

**4**

Communicate clearly, proficiently and interact effectively both orally and writing.

**8**

Comply with organisational professional ethics together with the ability to apply sustainable practices in global work social environmental.