



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

## *Certificate of Award*

**This is to certify that**

**AZIZUL AZRI BIN MUSTAFFA  
JAMAROSLIZA BINTI JAMALUDDIN  
MUHAMMAD AFIQ BIN ZUBIR**

**has been presented**

**SILVER AWARD**

**in**

**NALI 2022 EXHIBITION & COMPETITION**

**for the innovation**

**INTEGRATED SPREADSHEET-BASED PROJECT ON MASS AND ENERGY  
BALANCE FOR A CHEMICAL ENGINEERING DEGREE PROGRAM**

**at**

**NEW ACADEMIA LEARNING INNOVATION**

**NALI 2022**

**Nurturing Hyflex Teaching  
and Learning Innovation**

**UNIVERSITI TEKNOLOGI MALAYSIA**

**PROF Sr DR HISHAMUDDIN MOHD ALI**  
DEPUTY VICE CHANCELLOR  
(ACADEMIC & INTERNATIONAL)  
UNIVERSITI TEKNOLOGI MALAYSIA