

CERTIFICATE OF AWARD

4th International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity

"EMBRACING INNOVATION AND CREATIVITY IN INDUSTRIAL REVOLUTIONS"

UNIVERSITI TEKNOLOGI MARA









MR. SHANDY KURNIADI TRIMON S SINAGA DR. DEDIKARNI, S.T, M.SC EDDY ELFIANO, S.T, M.ENG DODY YULIANTO, S.T, M.T RAFIL ARIZONA, S.T, M.ENG

has been awarded SILVER

in recognition for the innovation/invention of DESIGN AND BUILD A WATER HEATING SYSTEM USING A HELICAL TYPE HEAT EXCHANGER BY UTILIZING THE EXHAUST HEAT OF THE AIR CONDITIONER CONDENSER







