

# CERTIFICATE OF PARTICIPATION

**The 2<sup>nd</sup> International Conference on Mechanical Engineering Research and Application**

“Innovative Research in Engineering for 21<sup>st</sup> Century”

October 7-8, 2020

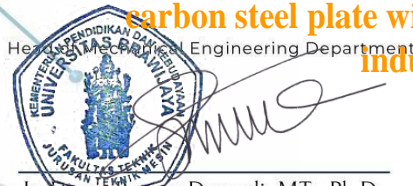
The Mechanical Engineering Department of Brawijaya University, Indonesia

This is to certify that

**Helmy Purwanto, Muhammad Dzulfikar, Mohammad Tauviqirrahman,  
Rachmad Subagyo, Kiryanto**

Have presented a paper entitled

**Ballistic limit simulation on commercial medium  
carbon steel plate with surface hardening using an  
induction heating**



Ir. Djoko Bangun Darmadi, MT., Ph.D.



Dr. Ing. Victor Yuardi Risonarta, ST., M.Sc