



# IPDIMS 2021





## 3<sup>rd</sup> Innovative Product Design and Intelligent Manufacturing Systems

### Certificate of Participation

This is to certify that Dr. J. Mahashar Ali of B S Abdur Rahman Crescent Institute of Science and Technology presented the paper titled Characterizing the Surface Roughness of Milled Surfaces using Speckle Image-based Surface Roughness Parameter co-authored by Dr. H. Siddhi Jailani, Dr. M. Murugan at the international conference on 3<sup>rd</sup> Innovative Product Design and Intelligent Manufacturing Systems (IPDIMS) during 30<sup>th</sup> & 31<sup>st</sup> December 2021, jointly organized by Department of Industrial Design and Department of Mechanical Engineering of NIT, Rourkela.

  
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