

136. AN OPTIMIZATION OF SURFACE COATING ROUGHNESS OF FILM SURFACES USING FUZZY LOGIC (AOSCRFUF)

L Raajarajan¹, S.P Srinivasan²

¹Pg student, ²Prof

rajanmechdept@gmail.com

Rajalakshmi engineering college, Chennai
spsrini@rediffmail.com rajanmechdept@gmail.com

Optimization of surface coating roughness using fuzzy logic is carried out using the results of Wear rate, surface roughness values. Surface test of the specimen according to the effect of fiber content, resin content, coating thickness is determined and optimized using experimental values. The results are used to develop fuzzy rules for optimization using Fuzzy logic.

Keywords: Optimization, Surface Coating, Surface Test, Fuzzy Logic.

Journal of Science and Innovative Engineering & Technology