# A REVIEW ON OPTIMIZATION OF CUTTING PARAMETERS IN MACHINING USING TAGUCHI METHOD

## GAJANAN A. DAVHALE[1] AND H. M. DESHMUKH[2]

M.E. (PTM) Student[1] and Associate Professor[2]

[1,2]Department of Mechanical Engineering,

Prof. Ram Meghe Institute of Technology & Research,

Badnera-Amravati, India.

## Abstract

In this paper an attempt is made to review the literature on optimization of cutting parameters in machining using Taguchi method. The settings of machining parameters were determined by using Taguchi's experimental design method. Orthogonal arrays of Taguchi, the signal-to-noise (S/N) ratio, the analysis of variance (ANOVA) are employed to find the optimal levels and to analyze the effect of the cutting parameter.

--------------------------------