

## **Chapter 6**

# **Further scope of the work**

3D contour plots and Ternary Categorized plots should be plotted more and interpreted for clearer understanding of interaction of variables.

Add the quantitative data of the microstructures as variables of the Ferritic Steel Welds and make the Neural Network Models more precise for design.

Machine learning with random forest algorithms can be used for Ferritic Steel Welds data processing. Recently, this is a very popular method for the solution of complex problems.