**Detailed Response to reviewers**

We would like to thank all the reviewers for there valuable feedbacks, we made necessary changes in the paper as asked. Following are the specific responses to the reviewers:

Reviewer #1: Sir, as asked we have added the units on x-axis of corresponding figures. And, since we used CutPro simulation software to generate the data, therefore there was no experimental setup needed in this research.

Reviewer #2: Yes sir, indeed it is the study of variation of cutting forces imposed on the tool with respect to cutting parameters for ball end milling process using deep neural network. As we stated in the paper ADOC (Axial depth of cut) and feed-rate were found to be the major influencing factors in this process, therefore we studied the effect of only these two parameters on the cutting forces.

Reviewer #3: Yes sir, this paper does contain such new results, and as we stated under “Further applications” section, these deep learning models can be expanded to different materials and tools. Since, the neural networks can be trained using python, which is an open source language, therefore in future they can replace the costly simulation softwares.