
## -: **Problem Statement** :-

Miss. Srijeshwari is a reputed materials science engineer, working in a R&D dept. of XYZ company. Her research interest is primarily based on metallography and currently one of her crucial task is to identify steel plate faults. She decided to harness the rapidly increasing computation power in our computer system and created a data set by measuring various aspects of several samples aiming to use data analytics to attain her goal. The attributes in dataset are self explanatory. Help her out in developing a model in order to predict the faults for provided measurements of test samples.

Any kind of third party data is not permitted to use. But one can definitely look up for the concepts centering the problem in order to build a better solution. Each team need to submit the predicted values (in the same order as the test set values ) along with their well commented code file(s) and presentation (.pptx format) explaining their method of approach to the problem and process of building the prediction model. The last date of submission is 5th March 2018 . A team will be allowed to make a single submission, with the compressed submission file as C*OMPOSIT_18_<teamname>_<collegename>*. Hence, make sure before submission that this is your team's final submission.

The selected teams will be invited to come to Indian Institute of Technology Kharagpur Campus to battle their analytical skills for the 2nd round of Excavate. Hope to see you here at our campus at our 25th Grand Anniversary of COMPOSIT !