

Figure 7: Proposed methodology for the modelling of manufacturing factors that affect erosion performance. The processing conditions may vary interface adhesion capabilities and hence delamination failure. In order to compute the Stress-Strain behaviour of the multi-layered system under impingement, the Input parameters for Cohesive Zone Modelling are determined with Peeling and Pull off testing., etc. Moreover, the erosion iffetime prediction can be modelled considering premature detamination (further work is on its development).