

Fig. 7 (3):- DZF25  $V_\theta = 10.8 \text{ m/sec}$  and  $n = 0$

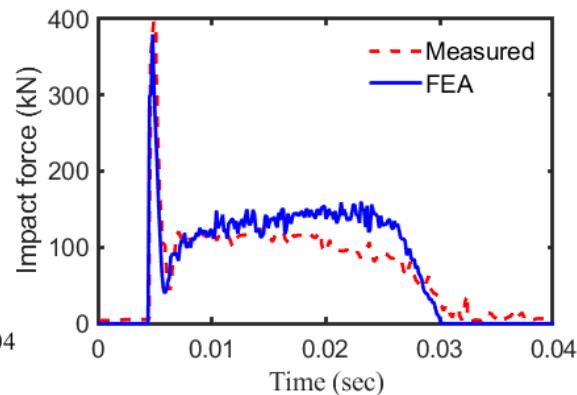


Fig. 7 (4):- DZF26  $V_\theta = 11.7 \text{ m/sec}$  and  $n = 0$

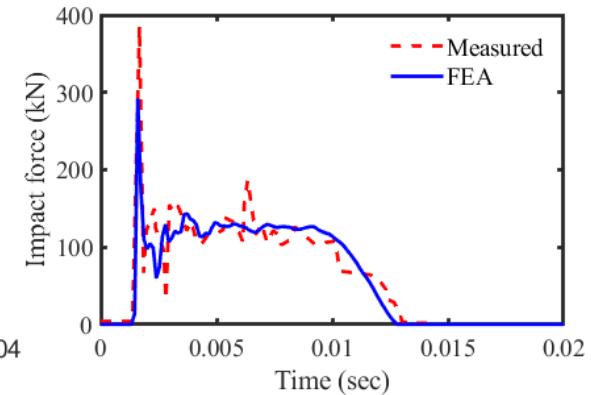


Fig. 7 (5):- DZF34  $V_\theta = 4.4 \text{ m/sec}$  and  $n = 0.3$

### Figure Impact force vs time history curve, Wang et al. (2013)

Wang, R., Han, L.-H. and Hou, C.-C., 2013. Behavior of concrete filled steel tubular (CFST) members under lateral impact: Experiment and FEA model. *Journal of Constructional Steel Research*, 80, pp.188–201.