## Estimation of Slab Depth, Column Size and Rebar Location of Concrete Specimen Using Impact Echo Method

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Abstract : In this study, an experimental research for estimation of slab depth, column size and location of rebar of concrete specimen is conducted using the Impact Echo Method (IE) based on stress wave among non-destructive test methods. Estimation of slab depth had total length of  $1800 \times 300$  and 6 different depths including 150 mm, 180 mm, 210 mm, 240 mm, 270 mm and 300 mm. The concrete column specimen was manufactured by differentiating the size into  $300 \times 300 \times$ 

Keywords : impact echo method, estimation, slab depth, column size, rebar location, concrete

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