

To

The Dean

RIC

Punjab Technical University

Jalandhar – Kapurthala Highway

Kapurthala – India

Subject : Compliance after incorporating suggestions as against your letter of Reference No.
PTU/RIC/Ph.D./224/28/2384 – 87 Dated: 12/06/2014.

Respected Sir

Please find herewith enclosed soft copy of my Ph.D. Thesis entitled “Structural Health Monitoring and Retrofitting of RCC Rectangular Slabs” that has been modified by incorporating suggestions made by external experts.

My response to the questions given in your letter is attached along with.

Kind Regards

Harpreet Gaba

(Part – time Ph.D. Candidate)

(Registration No. 01.28.09 Dated 10.11.09)

My responses to the questions given in your letter vide Reference No. PTU/RIC/Ph.D./224/28/2384 – 87

Dated: 12/06/2014 are as under:

- 1) The entire thesis has been revised taken into care of grammatical and typographical errors.
- 2) Chapter – 2 has been looked upon and due care of sentences has been made.
- 3) The methods of design of slabs and concrete mix have been referenced in the thesis by the name of codes (p.45 and 46).
- 4) Chemical composition of the bonding materials (primer and epoxy) has been included in the thesis (p.50 and 51).
- 5) The correction has been made as the Direct USPV method was used for slab specimens (p.52).
- 6) 'Damage Index' has been included in Chapter – 2 (p.41).
- 7) The relevant correction in the title of Chapter – 4 has been done as it explains the Interface of Atena. It has now been given the title as "Finite Element Modelling".
- 8) The modelling of concrete slabs has now been included in Chapter – 4 (p. 72 – 80).
- 9) 'd' and 'd₁' parameters have already been shown and explained on page – I of Annexure – 1.
- 10) The conclusions in Chapter – 6 have been made clear, concise and quantitative.