



VIRTUAL SMART STRUCTURES AND DYNAMICS LAB

Experiment 7

**Corrosion Assessment in Rebars of RC Structures using
PZT Patches**

PRE EXPERIMENT QUIZ QUESTIONS

- 1) What is non-destructive evaluation (NDE)?
- 2) What is structure health monitoring (SHM) and why it is necessary to do SHM?
- 3) What is EMI technique and piezo sensors?
- 4) What is the mechanism of chloride induced corrosion?
- 5) What components are needed for accelerating corrosion in laboratory?