



VITS, BHOPAL

**VAISHNAVI INSTITUTE OF  
TECHNOLOGY & SCIENCE  
DEPT NAME: CIVIL ENGINEERING**

**FORM  
NO**

**VITS/A/16**

**BRANCH**

**CE**

**LIST OF ASSIGNMENTS**

**REV. NO**

**03**

**SEMESTER**

**VII**

**REV. DT**

**02/07/2018**

**NAME OF FACULTY: PRIYANKA PARIHAR**

**SUBJECT CODE: CE-(7002) STEEL-II**

**ASSIGNMENT-I**

**Q.1** What do you mean by chimney.

**Q.2** Write short note on guyed and self supported stacks.

**Q.3** Explain briefly jannessane theory.

**Q.4** Design for indore self supporting steel chimney using following data.

Height of chimney = 60m

Dia of cylindrical Part = 4.25m

**Q.5** Design the bunker use the following data capacity 80t, density=15 KN/M , $\Phi=25^\circ$