

**DEPARTMENT OF STRUCTURAL ENGINEERING
FACULTY OF ENGINEERING, M.B.M. ENGINEERING COLLEGE
JAI NARAIN VYAS UNIVERSITY, JODHPUR**

No. JNVU/EE/PSE/15/ 784 (B)

Dated: 8th June, 2015

The Assistant Registrar
Academic Section
Jai Narain Vyas University
JODHPUR

SUB: Syllabus for MPET – 2015 Exam
REF: Your letter No. JNVU/Aca/R/15/5057 dated 04-06-2015

Dear Sir,

With reference to your letter referred above syllabus for MPET – 2015 Exam is as below of Structural Engineering.

Syllabus for MPET – 2015 Examination:-

Elements of Statistics. Shear Centre, Buckling of axially loaded Columns. Introduction to Matrix Methods of Structural Analysis. Strain measuring devices. Generalised Hooke's law. Elastic Strain energy. Elementary Torsion problems. Plane stress, Plane strain. Approximate methods of analysis for 2D frames under lateral loads. Structural systems for tall buildings. Concept of Shear walls. Yield line analysis of R.C. Slabs, Elements of Finite Element Method. Introduction to IS 1893. Response Spectrum Analysis. Methods of Prestressing & Losses.

Yours sincerely,



(Dr. S.S. Gehlot)

Head

Deptt. Of Structural Engg.