



BHARATI VIDYAPEETH (Deemed to be University) College of Architecture, Pune

Bharati Vidyapeeth Educational Campus, Pune - Satara Road, Pune, 411043, Maharashtra, India
Website <http://coarc pune.bharativedyapeeth.edu/> Email coarc pune@bharativedyapeeth.edu Phone 020-24375687

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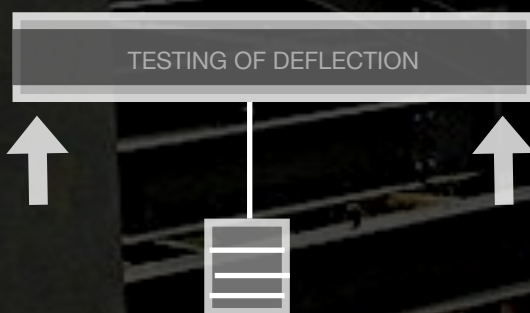
BVDU COA
Presents

12

OCTOBER

MODEL MAKING COMPETITION

Analysis of Simply Supported Beam for Deflection



Clear Span for Deflection = 42m
Beam = 50 cm, 4 cm, 5 cm

TIME : 9.00 AM TO 11.00 AM
VENUE : S.Y. BARCH Classroom, BVDU COA

LEARNING OUTCOMES

- Different loads cause different deflections
- Real world factors impact design.
- Material properties matter.
- Limited material will teach resourcefulness.
- Understanding Sagging and Hogging
- Ensuring right precisions
- Allocating sufficient time for construction.

The key to success is precision in adhering to given dimensions and creating a structurally sound model that can withstand point loads during testing while minimising deflection using least of materials.

COMPETITION INCHARGE -
Ar. Snehal Phalke
(Faculty Incharge)

MODEL CONCEPT BY -
Prof.V K kumawat
Prof. R.P.Hire

COMPETITION
HEAD -
Nikita Khambe

BVDU SOCIAL
MEDIA
@bvducoa

Dr. Patangrao Kadam
Founder Chancellor
BVDU Pune

Dr. Vishwajeet Kadam
Pro Vice Chancellor
BVDU Pune

Prof. Dr. Vivek Saoji
Vice-Chancellor
BVDU Pune

Dr. Shivajirao Kadam
Chancellor
BVDU Pune

Prof. Dr. Kavita Murugkar
Principal,
BVDU COA, Pune

