

**BRIDGE DESIGN & CONSTRUCTION:
PRESENT SCENARIO
KEYNOTE ADDRESS**

BY

**Prof Mahesh Tandon, BE, MS, FNAE, F IE, F ASCE
Managing Director
Tandon Consultants Pvt Ltd
17, Link Road, Jangpura Extension
New Delhi – 110 014
Email: tdandon@tcpl.com, tcpl_123@yahoo.com**

ABSTRACT

Innovative bridges are almost always based on concepts that look both simple and logical. In bridge design and construction, these concepts which are manifesting themselves both in India as well as the world scenario could broadly be classified as follows:

- a) By Assembling
- b) By Jointing
- c) By Pushing
- d) By Suspension
- e) By Integration
- f) By Hybridisation
- g) By Arching
- h) By Digging

The purpose of this paper is to present some basic principles behind the above concepts along with examples by way of illustration.