



CHAMPLAIN TOWER COLLAPSE

Early Observations & Implications

Thursday 8 July 2021 | 5 pm – 7 pm IST | Zoom
Admission is free. Register at sefindia.org

In the early hours of 24 June 2021, one wing of the Champlain Towers South in Surferside near Miami, Florida, suffered a brittle collapse resulting in significant loss of life. Following the failure, the town of Surferside made available on its website all documents related to the project including drawings. A quick study of structural drawings provides valuable insights into the practice of flat slab design and construction of the time. The unfortunate incident provides an opportunity for the Indian structural engineering community to introspect and review the current practices in the design and development of similar types of construction.

The event on 8 July 2021 will discuss the inherent vulnerabilities of the collapsed structure and juxtapose it with the code requirements and design practices prevalent then and now. Also, it will present a discussion on the issues involved in flat slab buildings, the evolution of design codes over the past four decades, and the improvements needed in the application of such structural systems in the road ahead...

The program of the event is:

- 17:00 Welcome
- 17:05 Presentation on Collapse of the Champlain Tower
Alpa Sheth, VMS Consultants Private Limited, Mumbai
- 17:35 Issues involved in Flat Slab Systems
Rupen Goswami, IIT Madras
- 17:50 Provisions for Design of Flat Slab Systems – *Past, Present and Future*
C. V. R. Murty, IIT Madras
- 18:05 Open House
Questions & Answers with C.V.R.Murty, Alpa R. Sheth, Hemal Mistry and Rupen Goswami
- 18:55 Thank you
Hemal Mistry, VHPT Systems, Surat



C.V.R.Murty

Professor, IIT Madras

Alpa R. Sheth

Structural Engineer and Managing Director,
VMS Consultants Private Limited, Mumbai

Hemal Mistry

Structural Engineer and
Technical Director, VHPT Systems, Surat

Rupen Goswami

Associate Professor, IIT Madras

The webinar is organised under the aegis of the **Structural Engineering Forum of India**.
www.sefindia.org Zoom Link <https://zoom.us/join/zoomlink>

