



Jansons Institute of Technology

Karumathampatti, Coimbatore – 641 659

Report

Name of the Program / Activity / Event / Others	One day Seminar on Structural Design and Detailing
Date & No. of days	29.01.2020 & 1
Organized by	Department of Civil Engineering
In association with	ICI-JIT Student Chapter
Venue	Seminar Hall T1
Participants/ Beneficiaries	Internal Participants

Event brief (500 words with photo):

One day Seminar on “**Structural Design and Detailing**” was organized by Department of Civil Engineering in association with Indian Concrete Institute on 29.01.2020.. **Er.R.Venkatachalam, Managing Director, Venkat Associates.** He highlighted the importance of structural design process and detailing in building construction.

- ❖ He elaborated the process involved in Structural Design.
- ❖ He also emphasized the design models of structures using software perform accurate calculations about each elements of a building.
- ❖ He explained assessing the reaction of buildings to pressures and stress finalizing the materials that would be suitable for the structure.
- ❖ He also presented the specialty of Civil Engineering, where a structural engineer ensures that architectural components are structurally sound.
- ❖ He explained the importance of IS codes like IS456:2000, SP16 and SP34.
- ❖ He described the specification in detailing of the RC elements and also lap length of the steel rods in construction.



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**Er.R.Venkatachalam, Managing Director, Venkat Associates handling the session
“One day seminar on Structural Design and Detailing” which held on 29.01.2020
11.115377333311633, 77.18808928330704**



**Students of Civil Engineering in “One day seminar on Structural design and detailing”
which held on 30.3.19
11.115377333311633, 77.18808928330704**



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Outcomes	The students gained the knowledge on design codes. The students understand the various methods of design. The Students understand the concepts of design and detailing. Describe the various behavior of RC members
Feedback	Good
Suggestions / Future actions	Nil

Mr.N.Balasubramaniam
Faculty In-charge

Mr.S.Raguath
HOD/CE