



Jansons Institute of Technology

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC and ISO 9001:2015 certified Institution
Coimbatore, Tamil Nadu – 641659
www.jit.ac.in



Event Report

Title : Webinar on “Steel Structures-An Overview”

Date (from & to) : 25.10.2021 **Time (from & to)** : 03.00 – 04.00 PM

Venue(online / offline) : ONLINE, JIT

Organised by : Department of civil Engineering

In association with : ICI club

Student Activity : Yes

JIT Website	https://jit.ac.in/events/ici/webinar-on-steel-structures-an-overview/
	https://www.facebook.com/250442415535499/photos/a.450285145551224/971876383392095/?type=3&mibextid=cr9u03
	https://www.instagram.com/p/CVNXj4thEgz/?igshid=YmMyMTA2M2Y=

Event Objective

The objective of the webinar is to knowledge the students about basic properties and concepts, of steel structures and an overview of analysis and design of simple components.

Event Summary

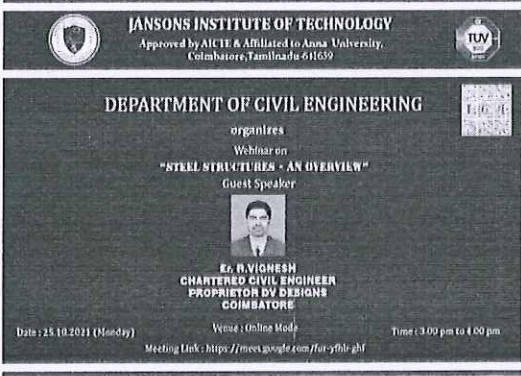

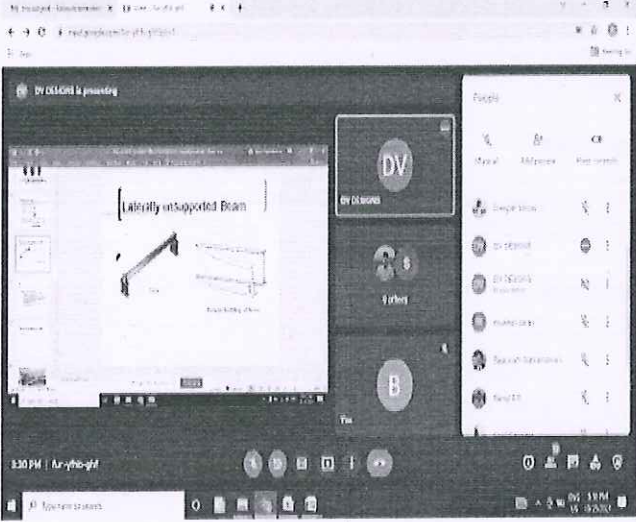
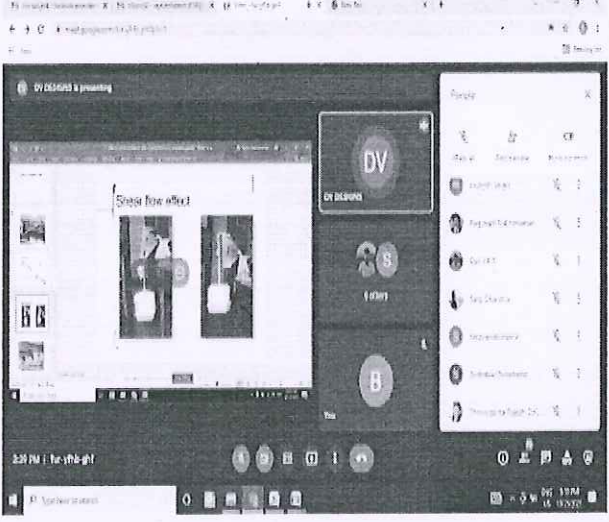
The Department of Civil Engineering organized a webinar on the topic “Steel Structures-An Overview”. This webinar targeted prospective students of III year & IV year Civil Engineering. The objective of the webinar was to help aspiring students to acquire knowledge on Steel Structure. Webinar session was conducted through Google Meet on Oct 25, 2021 from 3.00pm to 4.00pm. Er. R. Vignesh Chartered Civil Engineer, Proprietor DV Designs, Coimbatore gave presentation on “Steel Structures-An Overview”. He began with describing few terms such as Structural Steel, Buckling and shear flow effect

The key points covered in the program are as follows

- Importance of bracing in compression members.
- Advantages of using Pre-Engineered Buildings.
- Role of Slenderness ratio in steel design.
- Briefed about wind loads, earthquake loads in steel structure.
- He mentioned about tension members in steel structures.
- He highlighted usage of wires, cables, rods, bars, single structural shapes, plates and built-up members.
- He explained the various parameters like effective length, effective sectional area, radius of gyration and axial stress for the design of steel structures.

After the speaker finished, there was a question-answer session. A lot of questions were posted by students. One question was regarding the life span of R.C.C structures and steel structures.

Event Photographs

 <p>The flyer is for a webinar titled "STEEL STRUCTURES - AN OVERVIEW" organized by the Department of Civil Engineering at Jansons Institute of Technology. The guest speaker is Er. R. Vignesh, a Chartered Civil Engineer and Proprietor of DV Designs in Coimbatore. The event is scheduled for Monday, 25.10.2021, from 3:00 pm to 4:00 pm. The meeting link is provided as https://meet.google.com/fur-yfhr-ght.</p>	 <p>A screenshot of a Google Meet session showing Er. R. Vignesh presenting a slide. The slide title is "Click to add title" and the content discusses "Typical steel column failure modes: (a) Local buckling, (b) Sliphout from buckling, (c) Local + global buckling".</p>
<p>Flyer of the Program</p>	<p>Er.R.Vignesh presenting the program</p>
 <p>A screenshot of a Google Meet session showing a guest presenting a slide titled "Laterally unsupported beam". The slide contains a diagram of a beam structure.</p>	 <p>A screenshot of a Google Meet session showing a list of participants in the meeting. The participants include DV DESIGNS, Jyothi, and B. The meeting is titled "DV DESIGNS & presenting".</p>
<p>Guest presenting the steel profile</p>	<p>Students listening to the program In google meet</p>

Event Outcomes

Students will be able to identify the different failure modes of steel compression members and compute their design strength.

Event Feedback

How would you rate the event in terms of preparation, flow, and content?	<p>Excellent 4.1</p> <p>Very Good 5.2</p> <p>Good 0.6</p> <p>Fair</p>
The contest planning and execution related to the theme?	<p>Excellent 6.3</p> <p>Very Good 3.6</p> <p>Good</p> <p>Fair</p>
The content and activities of the event has increased my knowledge.	<p>Strongly Agree 3</p> <p>Agree 6.9</p> <p>Neutral 0</p> <p>Disagree 0</p>
Overall experience of the event.	<p>Very Satisfied 6.5</p> <p>Satisfied 3.4</p> <p>Neutral</p> <p>Dissatisfied</p>
Suggestion for Improvements(If any)	Nil-

No. of Participants / Benefices

Total (Participants / Benefices)	Students	Faculty	Students (Outside institution)	Faculty (Outside institution)
34	34	-	-	-

Date of report submission: 28.10.2021



Faculty Coordinator



Head of Department



Principal

PRINCIPAL
JANSONS INSTITUTE OF TECHNOLOGY
KARUMATHAMPATTI
COIMBATORE - 641 659



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A Webinar on

“Steel Structures-An Overview”

On 25.10.2021 at ONLINE

PARTICIPANTS ATTENDANCE

Sl. No.	Register No.	Name	Year & Department	Attendance
1	711120103001	BOCHU VENKATA KARTHIK	II Civil	B.V. K. K.
2	711120103002	DARA CHANDU CHATURVED	II Civil	D. C.
3	711120103003	DINESHKUMAR R	II Civil	D. R.
4	711120103004	EDULLA JAGADEESH	II Civil	E. J.
5	711120103005	HOLAGUNDA KUBERA GOWD	II Civil	K. G.
6	711120103006	HOLAGUNDA RUDRA GOWD	II Civil	R. G.
7	711120103007	KAKULURU KAVYADARSHINI	II Civil	K. K.
8	711120103008	KANNA SARATH KUMAR	II Civil	K. S. K.
9	711120103010	MUGILVANAN A	II Civil	M. A.
10	711120103011	NAGARAJA B	II Civil	N. B.
11	711120103012	NAGARAJU HARISH KUMAR	II Civil	N. H. K.
12	711120103013	PULIBUJJA NITHIN SAI	II Civil	P. N. S.
13	711120103014	RAM PRIYA V	II Civil	R. P. V.
14	711120103015	RAVINTHAR K	II Civil	R. K.
15	711120103017	THATI MANASA	II Civil	T. M.
16	711120103019	YARRAMSETTY SRINIVASA TEJA	II Civil	Y. S. T.
17	711120103020	YAVVARI UMA MAHESWARI	II Civil	Y. U. M.
18	711120103301	DURGA D	II Civil	D. D.
19	711120103302	MARUBOINA JAYANTH	II Civil	M. J.
20	711119103001	HAREES S	III Civil	H. S.
21	711119103002	KIRUBAHAR K S	III Civil	K. S.
22	711119103003	RAHUL A R	III Civil	R. A. R.
23	711119103301	THROVAGUNTA RAJESH	III Civil	T. R. J.



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A Webinar on

“Steel Structures-An Overview”

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24	711119103701	PAVITHRAN M	III Civil	M. P. S. S.
25	711118103001	AKILESH V	IV Civil	A. K. V.
26	711118103002	JANADHARAN K P	IV Civil	K. P. S. S.
27	711118103003	JAYASURYA M	IV Civil	M. Jayasurya
28	711118103004	RAJAVENKATESH M N	IV Civil	M. N. R. A.
29	711118103005	TAMILAMUDAN V	IV Civil	T. M. V.
30	711118103701	DEEPAK SANJAY S	IV Civil	D. S. S.
31	711118103702	HARIHARAN V	IV Civil	V. H. V.
32	711118103703	MUKESH M	IV Civil	M. M.
33	711118103704	NAVANEETHAKRISHNAN S	IV Civil	N. S.
34	711118103705	SHARMA L K	IV Civil	S. L. K.

Certified that all the students/faculty participated in the event.

Date: 25.10.2021


Faculty Coordinator