



## GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

Phone: 8790101015 / 9959250205

e-mail: [principal.giet.u6@gmail.com](mailto:principal.giet.u6@gmail.com)

JNTUH Code (U6)

CIVIL - CSE - MECH - ECE - EEE - MBA - M.Tech. EAMCET Code- GLOB

### Department of Civil Engineering

**P. Saileela Vaishnavi**  
B.Tech, M.Tech (GTE)  
Assistant Professor & I/C Head

Lr.No: GIET/CE/Brdg Cour/001/05/2014-15

Date 25/05/2015

To  
The Principal  
Global Institute of Engineering & Technology  
Moinabad

Madam,

Sub: Permission to Conduct Bridge Course for Students of CE-I Yr (upcoming-IIYr) reg..

\*\*\*\*\*

This is to get it to your kind notice that we Department of Civil Engineering are interested to conduct a Bridge Course to the students of CE-I Yr (upcoming-IIYr) from 15/06/2015 to 20/06/2015, which is undertaken for students benefit as a value addition to curriculum of course.

These classes help students to strengthen their basics and bridge gap between intermediate and engineering. These classes give them a brief idea of Civil Engineering.

Kindly accord approval so as to make necessary arrangements for conducting the classes for students of Civil Engineering -I Yr (upcoming-IIYr) - Academic Year: 2014-15.

Thanking you.

HEAD

HEAD

Department of Civil Engg.

Global Institute of Engineering & Technology  
Chilkur (V), Moinabad (M), R.R. Dist.T.S.-501504.

Cc to :

**Director** - for information  
**Dy. Director**- for information  
**Dean** - for information  
**Principal** - for information  
**Head H&S** - for information



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EAMCET Code- GLOB

Lr.No: GIET/CE/Brdg Cour/002/05/2014-15

Date 25/05/2015

### OFFICE ORDER

Sub : Appointment of Coordinator for Bridge Course  
Students of CE-I Yr (upcoming-IIYr) -Reg

This is to state that **Ms. Divya Sree** is appointed as Coordinator for Bridge Course Classes for students of Civil Engineering- Iyr (upcoming-IIyr) from 15/06/2015 to 20/06/2015. Further you will be responsible for checking the status of classes, strength of students and Syllabus coverage status and all other issues related to the conduct of classes.

It is here by informed to take charge immediately and initiate the work accordingly.

To  
**Ms. Divya Sree**  
Assistant Professor  
Department Civil Engineering  
Global Institute of Engineering & Technology.



  
Principal

PRINCIPAL  
Global Institute of Engg. & Tech  
Chilkur (V), Moinabad (M)  
R. R. Dist

**Cc to**

*Dean- for information*

*Dy Director- for information*

*Director- for information*

*CED- for information and filing.*



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Secretary :

**K.M. ARIFUDDIN** B.A., LL.M

Principal:

Lr.No: GIET/CE/Brdg Cour/003(a)/05/2014-15

Date 25/05/2015

To

Mr. D.V.S.PRASAD  
Asst.prof & Head,Dept of CE  
DCET , Hyderabad.

**SUB:** Invitation as a Speaker for Bridge Course on 'Structures-Reg

Respected Sir,

**Academic Year: 2014-15**

\*\*\*\*\*

Global Institute of Engineering and Technology is a self financed Non-Minority Institution established in the year 2006 with a vision to promote quality education.

Global Institute of Engineering and Technology is managed by Madina Education and Welfare Society which is a four decades old society. Global Institute of Engineering and Technology offers B.Tech in Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Computer Science and Engineering and Masters in Embedded Systems, Electrical Power Engineering, Computer Science and Engineering, Structural Engineering and MBA. GIET is also approved Nodal Center for running skill development courses under Pradhan Mantri Kaushal Vikas Yojana.

It is to humbly invite you as a Speaker for Bridge Course on 'Strength of Materials and Structural Analysis' in the Institution for our students of CE-I Yr (upcoming-IIYr), which is undertaken for students benefit as a value addition to curriculum of course.

I on behalf of the students of department of Civil Engineering request you grace the occasion as Speaker on 15/06/2015 to 20/06/2015 at College Campus Moinabad to take a Session on "Strength of Materials" and "Structural Analysis".

It is humbly requested to accept our invitation.

Thank you for your time and consideration.



PRINCIPAL  
Global Institute of Engg. & Tech  
Chilkur (V), Moinabad (M)  
R. R. Dist

Yours sincerely  
**Dr. Mrs. Ravindra Tiwari**  
Principal  
GIET.



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Principal:

Lr.No: GIET/CE/Brdg Cour/003(b)/05/2014-15

Date 25/05/2015

To

Mr. B. SATYANARAYANA  
Assistant. Professor of CE  
DCE ,Hyderabad.

**SUB:** Invitation as a Speaker for Bridge Course on 'Structures-Reg

Respected Sir,

**Academic Year: 2014-15**

\*\*\*\*\*

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Secretary :

**K.M. ARIFUDDIN** B.A., LL.M

Principal:

Lr.No: GIET/CE/Brdg Cour/004(a)/05/2014-15

Date 28/05/2015

To

Mr. D.V.S.PRASAD

Asst.prof&Head,Dept of CE

DCET

**SUB: Thanking for accepting invitation as a Speaker- Reg.**

\*\*\*\*\*

Respected Sir,

With all our due respect, we would like to thank you for your kind acceptance of invitation as a Speaker for Bridge Course on 'Structures'. Presence of a Speaker like you certainly will enhance the moral of our students and give them a new perspective on this topic.

It would be a pleasure to have you with us in this course and for our students to extract maximum possible information. Hope you will have a great time with us.

Thanking you.

Yours Sincerely

Dr. Mrs. Rayndra Tiwan  
Principal

PRINCIPAL  
Global Institute of Engg. & Tech  
Chilkur (V), Moinabad (M)  
R. R. Dist





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Secretary :

**K.M. ARIFUDDIN** B.A., LLM

Principal:

Lr.No: GIET/CE/Brdg Cour/004(b)/05/2014-15

Date 28/05/2015

To

Mr. B. SATYANARAYANA

Assistant. Professor of CE

DCET

Respected Sir,

**SUB:** Thanking for accepting invitation as a Speaker- Reg.

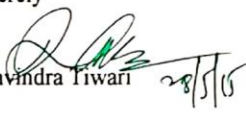
\*\*\*\*\*

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Thanking you

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Dr. Mrs. Ravindra Tiwari  
Principal  
GIET



PRINCIPAL

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### Department of Civil Engineering

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Lr.No: GIET/CE/Brdg Cour/005/05/2014-15

Date 28/05/2015

To  
The Convener  
Co curricular Committee  
GIET

Respected Sir,

**SUB:** Information on Bridge Course on 'Structures' - Reg.

\*\*\*\*

This is to inform you that the Department of Civil Engineering is going to conduct one week Bridge Course on 'Structures' for CE-I Yr (upcoming-II Yr) (A.Y. 2014-15) students from 15/06/2015 to 20/06/2015 in Room No.15

Thanking You.

Yours Sincerely

**Course Coordinator**

Ms. Divya Sree

Assistant Professor-Department of CE  
Global Institute of Engineering & Technology

**Cc to**

**CED-** *for information and filing.*

**Principal-** *for information*

**Coordinator IQAC -** *for information*



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EAMCET Code– GLOB

### Department of Civil Engineering

**P. Saileela Vaishnavi**

B.Tech, M.Tech (GTE)

**Assistant Professor & I/C Head**

Lr.No: GIET/CE/Brdg Cour/006/05/2014-15

Date 28/05/2015

#### CIRCULAR

All the students of CE-I Yr (upcoming-IIYr) are informed to express their interest by enrolling their name for the One week Bridge course on “Structures” starting from 15/06/2015 to 20/06/2015 .

The detailed syllabus for the course is attached for your information. Concerned mentors are instructed to submit the list of students enrolled within two days to the undersigned. For further information, you can contact the Course Coordinator.

**Head**

HEAD

Department of Civil Engg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad(M), R.R. Dist.T.S.-501504.

**Cc to :**

**Principal – for information**

**IQAC- for information**

**Mentor- CE-Iyr – for information**

**Head H&S - for information**

**Notice board**

**File**





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**Department of Civil Engineering**

**COURSE SYLLABUS FOR “STRUCTURES”**

S.no	Topics to delivered	Duration (in hours)
1	Strength Of Materials--- Shear Force And Bending Moment	3
2	Calculation Of Shear Force And Bending Moment	3
3	S.F&B.M Diagram	3
4	Moment Of Inertia And Center Of Gravity	3
5	Analysis Of Beams	3
6	Analysis Of Frames	3
7	Deflection Of Beams	3
8	Moment Distribution And Slope Deflection	3
9	Principal Stresses And Strains	3
10	Flexural Stresses	3
11	Shear Stresses	3

  
Coordinator

  
HEAD

HEAD  
Department of Civil Engg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad (M), R.R. Dist. TS.-501501  
U.S.T.S.-501501



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### Department of Civil Engineering

#### LIST OF STUDENTS ENROLLED FOR BRIDGE COURSE

#### ACADEMIC YEAR: 2014-2015

S.No	Roll no	Name of the student	Year	Dept
1	13U61A0101	ABDUL HOSSAIN	II	CE
2	13U61A0102	ABHISHEK RAJBHAR	II	CE
3	13U61A0103	MD FAHIMUL HAQUE	II	CE
4	13U61A0104	MD FAIZ ALI	II	CE
5	13U61A0105	MD FAIZUL HODA	II	CE
6	13U61A0106	MD NASIM	II	CE
7	13U61A0107	MD NAWAZ SHARIF	II	CE
8	13U61A0108	MOHAMMAD SHOIB	II	CE
9	13U61A0109	MOHD ABDUL MAJEED	II	CE
10	13U61A0110	MOHD ABDUL RAHMAN	II	CE
11	13U61A0111	MOHD MATEEN	II	CE
12	13U61A0112	MOHD ZUBAIR	II	CE
13	13U61A0113	RAZZAK HOSSAIN	II	CE
14	13U61A0114	SHAIK MOHABUB PASHA	II	CE
15	13U61A0115	SYED ABDUL UMER	II	CE
16	13U61A0116	SYED MUQTAR HUSSAIN	II	CE
17	13U61A0117	SYED SHAH OSMAN UL HAQ	II	CE

  
Coordinator

  
HEAD

HEAD  
Department of Civil Engg.  
Global Institute of Engineering & Technology  
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### Department of Civil Engineering

One Week Bridge Course


On

STRUCTURES

(15<sup>th</sup> to 20<sup>th</sup> June 2015)

### PROGRAMME SCHEDULE

	Forenoon		Afternoon
Day1	<b>Inauguration</b> 9.10AM-10.10AM	<b>Introduction to STRENGTH OF MATERIAL</b> Mr. D.V.S.PRASAD Asst.prof&Head,Dept of CE DCET	<b>CALCULATION OF SHEAR FORCE AND BENDING MOMENT</b> Mr. D.V.S.PRASAD Asst.prof&Head,Dept of CE DCET
Day2	<b>S.F&amp;B.M DIAGRAM</b> Mr. D.V.S.PRASAD Asst.prof&Head,Dept of CE DCET		<b>MOMENT OF INTERIA AND CENTER OF GRAVITY</b> Mr. D.V.S.PRASAD Asst.prof&Head,Dept of CE DCET
Day3	<b>ANALYSIS OF BEAMS</b> Mr. D.V.S.PRASAD Asst.prof&Head,Dept of CE DCET		<b>ANALYSIS OF FRAMES</b> Mr. D.V.S.PRASAD Asst.prof&Head,Dept of CE DCET
Day4	<b>DEFLECTION OF BEAMS</b> Mr. B. SATYANARAYANA Assistant. Professor of CE DCET		<b>MOMENT DISTRIBUTION AND SLOPE DELFECTION</b> Mr. B. SATYANARAYANA Assistant. Professor of CE DCET
Day5	<b>PRINCIPAL STRESSES AND STRAINS</b> Mr. B. SATYANARAYANA Assistant. Professor of CE DCET		<b>FLEXURAL STRESSES</b> Mr. B. SATYANARAYANA Assistant. Professor of CE DCET
Day6	<b>SHEAR STRESSES</b> Mr. B. SATYANARAYANA Assistant. Professor of CE DCET		<b>VALEDICTORY</b> 1.40PM-3.40PM

  
Co-Ordinator  
Ms.Divya sreee  
Assistant Professor  
Department of CE



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## Department Of Civil Engineering

One Week Bridge Course  
 On

STRUCTURES  
 (15<sup>th</sup>-20<sup>th</sup> June, 2015)  
ATTENDANCE SHEET

S.No	Name of the Participant	Programme	Year	SIGNATURE						
				Day-1	Day-2	Day-3	Day-4	Day-5	Day-6	
1	ABDUL HOSSAIN	B.Tech	II	FN Abdul	FN Abdul	FN Abdul	FN Abdul	FN Abdul	FN Abdul	FN Abdul
2	ABHISHEK RAJBHAR	B.Tech	II	FN Abh	FN Abh	FN Abh	FN Abh	FN Abh	FN Abh	FN Abh
3	MD FAHIMUL HAQUE	B.Tech	II	FN Haji	FN Haji	FN Haji	FN Haji	FN Haji	FN Haji	FN Haji
4	MD FAIZ ALI	B.Tech	II	FN Faiz	FN Faiz	FN Faiz	FN Faiz	FN Faiz	FN Faiz	FN Faiz
5	MD FAIZUL HODA	B.Tech	II	FN Faizul	FN Faizul	FN Faizul	FN Faizul	FN Faizul	FN Faizul	FN Faizul
6	MD NASIM	B.Tech	II	FN Nas	FN Nas	FN Nas	FN Nas	FN Nas	FN Nas	FN Nas
7	MD NAWAZ SHARIF	B.Tech	II	FN Nawaz	FN Nawaz	FN Nawaz	FN Nawaz	FN Nawaz	FN Nawaz	FN Nawaz

Department of Civil Engineering  
 Global Institute of Engineering & Technology  
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 Chilkur (V), Moinabad (M)  
 R. R. Dist

8	MOHAMMAD SHOIAB	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
9	MOHD ABDUL MAJEED	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
10	MOHD ABDUL RAHMAN	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
11	MD NASIM	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
12	MD NAWAZ SHARIF	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
13	MOHAMMAD SHOIAB	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
14	MOHD ABDUL MAJEED	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
15	MOHD ABDUL RAHMAN	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
16	SYED MUQTAR HUSSAIN	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not
17	SYED SHAH OSMAN UL HAQ	B.Tech	II	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not	Not

Coordinator

Head of the Department

HEAD  
Department of Civil Engrg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moimabad (M), R.R. Dist. T.S.

Principal  
PRINCIPAL  
Global Institute of Engg. & Technology  
Chilkur (V), Moimabad (M), R.R. Dist. T.S.



**REPORT**  
**ONE WEEK BRIDGE COURSE**  
**ON**  
**STRUCTURES**  
**Academic Year: 2014-15**

A One Week Bridge course on 'Structures' was organized by the Department of Civil Engineering. The course was held in the Room No 15 of from 15<sup>th</sup> to 20<sup>th</sup> June, 2015 and its objective was to enhance and strengthen the Basic Subject Skills of the students in Civil Engineering and help them understand the upcoming core Civil Engineering subjects like Strength of Materials and Structural Analysis. in a better way. The course was attended by 17 students. Evaluation forms were filled by each participant at the end of the course.

**Day 1:**

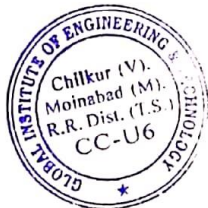
The course started off with an Inaugural Ceremony and the Coordinator of this occasion, Ms.Divya Sree, Assistant Professor, Department of CE welcomed the gathering. Later in the inauguration, coordinator delivered the inaugural and introductory speech. At 10.00 AM Head delivered an energetic talk on Importance of Bridge Course. Introduction to Strength of Materials was lectured by Mr. D.V.S.Prasad Asst.Prof & Head, Dept of CE, DCET in which he explained students about the concepts of Shear Force and Bending Moment basics and their Applications.

In the afternoon session he emphasized with a brief lecture on the '. In this he highlighted on calculation of shear force and bending moment calculation of shear forces and bending moments.


**Day 2:**

On Second day, forenoon session was taken by Mr. D.V.S.PRASAD Asst.Prof & Head, Dept of CE, DCET in which he delivered a lecture on S.F&B.M diagram. In this session he explained students about assumption, various ways to analyze the loads and draw the shear force and bending moment diagrams under different load conditions, calculation of polar Section modulus. In the afternoon session sir delivered his lecture on Moment of Inertia and Center of Gravity in which he explained in detail the calculation of same for different sections.

**Day 3:**



1

  
**PRINCIPAL**  
Global Institute of Engg. & Tech  
Chilkur (V), Moinabad (M)  
R. R. Dist

On third day, forenoon session was on 'Analysis of Beams' by Mr. D.V.S.PRASAD Asst.Prof & Head. Dept of CE, DCET, in which he explained the analysis methods under different load conditions . In the afternoon session he lectured on Analysis of Frames in which he explained about calculation of equilibrium and compatibility equations.

**Day 4:**

On fourth day, forenoon session was a lecture on Deflection of Beams by Resource Person Mr. B. Satyanarayana, Assistant Professor, Dept of CE, DCET. Sir explained about Types of frames- Perfect, Imperfect and Redundant pin jointed frames, assumptions, transfer of load to joints from wind and other forces - Analysis of determinate pin jointed frames The next session was a lecture on Moment Distribution and Slope Deflection

**Day 5:**

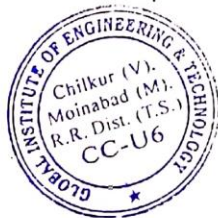
On fifth day the forenoon session started with a lecture on Principal Stresses and Strains by Resource Person Mr. B. Satyanarayana, Assistant Professor, Dept of CE, DCET. The next session was on Flexural Stresses where students were given deep focus about the calculation of flexural stresses and equations.

**Day 6:**

On Sixth day the forenoon session started with a lecture on Shear Stresses eqations to calculate and small shapes to calculate shear stress under various load conditions.

Afternoon Session ended with a Valedictory and collection of feedback from students.

  
Coordinator  
Ms.Divya Sree  
Assistant Professor  
Department of CE



2   
PRINCIPAL  
Global Institute of Engg. & Tech.  
Chilkur (V), Moinabad (M)-  
R. R. Dist



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Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

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JNTUH Code(U6) CIVIL - CSE - MECII - ECE - EEE - MBA - M.Tech. EAMCET Code- GLOB

### Department of Civil Engineering

One Week Bridge Course

On

STRUCTURES

(15<sup>th</sup> to 20<sup>th</sup> June 2015)

### FEEDBACK FORM

Please evaluate your rating of the course by placing a tick in the appropriate box.

1. Poor 2. Satisfactory 3. Good 4. Very good 5. Excellent

Branch and Year: *CE - 2<sup>nd</sup> year*

Date: *20/6/2015*

ASPECTS	RATING				
	Excellent 5	Very good 4	Good 3	Satisfactory 2	Poor 1
Relevance of contents	<input checked="" type="checkbox"/>				
Trainer was knowledgeable and skillful		<input checked="" type="checkbox"/>			
Quality of input provided			<input checked="" type="checkbox"/>		
Quality of presentations		<input checked="" type="checkbox"/>			
Adherence to the time schedule		<input checked="" type="checkbox"/>			
Opportunity given to participant to clear doubts		<input checked="" type="checkbox"/>			
Identify ways to build on current skills and knowledge	<input checked="" type="checkbox"/>				
Overall learning experience		<input checked="" type="checkbox"/>			
How has the course enhanced your skills or understanding of this topic?					
<i>Excellent</i>					
Specify problems faced by you during the course?					
<i>No problem</i>					
Any Other Comments:					
<i>NO</i>					