



## AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,  
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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

### DEPARTMENT OF MECHANICAL ENGINEERING

#### CIRCULAR

Date: 11/09/2018

We are happy to inform you that, Department of Mechanical Engineering, AIET is conducting guest lecture on “Principal Stresses- Mechanics of Solids” on 12<sup>th</sup> Sep 2018 for all II B.Tech Students. All the Second year Mechanical Engineering students must attend the lecture without fail. For further details contact guest lecture Coordinator Mr. D. Trinadh, Assistant Professor, Mechanical Engineering.

#### Resource Person Details:

1. Mr. S Phani Kumar, Assistant Professor,  
Department of Mechanical Engineering,  
Anil Neerukonda Institute of Technology &  
Sciences (ANITS) Visakhapatnam.

(V. Harikiran)

Head of the Department

Mechanical Engineering

**Head of the Department**

Department of Mechanical Engg.

Avanthi Institute of Engg. & Tech.,

Makavarapalem, Visakhapatnam-531113

Copy to: Principal, AIET



Principal

Avanthi Institute of Engg. & Technology  
Tamaram, Makavarapalem Md.,  
Visakhapatnam District., Pin: 531113



## Request for Guest Lecture

Hari Kiran <harikiran3285@gmail.com>  
To: "sphani.me" <sphani.me@anits.edu.in>

Tue, Sep 11, 2018 at 3:23 PM

To  
S.Phani Kumar  
Asst.professor  
Mechanical Department  
ANITS, Sangivalasa

Sub:Request for Guest Lecture on 12/09/2018 (Wednesday) Avanthi  
Institute of Engineering and Technology, at Makavarapalem.

We are pleased to invite you to our college in order to educate our  
students. Your extertise and experience in the field of Mechanics of  
Solids will be an excellent addition to our students. it is an honor  
to be able to invite you as our Guest on 12.09.2018 Wednesday.  
We look forward to a positive response from you.

Regards,

--  
V HARI KIRAN  
Associate Professor, &HOD  
Head of the Department,  
Dept. Of Mechanical Engineering  
Avanthi Institute Of Engineering & Technology,  
Tamaram(V), Makavarapalem(M), Narsipatnam(RD),  
Visakhapatnam,Andhra Pradesh,India-531113.

*Forwarded to  
principal sir for  
kind permission for delivering  
the guest lecture.*

*11.9.18*  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
ANKA OF ENGINEERING INSTITUTE OF TECHNOLOGY & SCIENCE  
Sangivalasa-531 162 VISAKHAPATNAM Dist' A.P.



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Cell : 9866664636

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Administrative Office : 51-8-40/21/2, Rythu Bazaar Street, Beside Eenadu Office,  
Nakkavanipalem, Visakhapatnam - 530 013 (A.P.) Ph : 0891-2748231, 9852012340  
e-mail pncipal\_aiet@yahoo.com Website : www.avanthi.edu.in

## Speaker Invitation

To  
S. PHANI KUMAR,  
Asst. Professor,  
Dept. of Mechanical Engineering,  
ANITS.

On behalf of the Department of Mechanical Engineering, Avanathi Institute of Engineering and Technology, Visakhapatnam, we are honoured to invite you to give a Guest lecture on the topic of **Principal Stresses**. This is scheduled for B.Tech, Mechanical-A&B, on 12-09-2018, from 10:00 AM to 1 PM at Makavarapalem, Visakhapatnam. The program is being curated by Avanathi Institute of Engineering and Technology, with an audience of about 120, made up of students. Our goal is to build the in-depth knowledge of the subject. We believe your voice would be a critical addition to the students. Please let us know by 12-09-2018 whether or not you would be interested in speaking. Thank you in advance for your consideration, and we very much look forward to hearing from you.

With Best regards,

V. HARI KIRAN,  
Assoc. Professor  
HOD-Mechanical Engineering

Head of the Department  
Department of Mechanical Engg.  
Avanathi Institute of Engg. & Tech.,  
Makavarapalem, Visakhapatnam - 531113.





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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

### DEPARTMENT OF MECHANICAL ENGINEERING

Guest Lecture on Principal Stresses- MOS

Dated:12-09-2018

S No	Roll Number	Name of The Student
1.	17811A0301	ALLU BHANUTEJA
2.	17811A0302	ALLU DURGA PRASAD
3. 3	17811A0303	ALLU HARI BABU
4.	17811A0304	ANKAMREDDY SIVA KUMAR
5.	17811A0305	BANDARU KALYAN KUMAR
6.	17811A0306	BATHI VENU GOPAL
7.	17811A0307	BESETTY VINAY
8.	17811A0308	BODDETI NEELESH KUMAR
9.	17811A0309	BODDU GANESH KUMAR
10.	17811A0311	CHAVVAKULA VASU
11.	17811A0312	CHEERA D V MANIKANTA SWAMY
12.	17811A0313	DADI YUGANDAR
13.	17811A0314	DANDU PRAVEEN SAI KRISHNA
14.	17811A0315	DOSURU PAVAN
15.	17811A0317	GANGULAKURTHI SURYA CHARAN
16.	17811A0318	GOKIVADA SRAVAN SAI SRINIVAS
17.	17811A0319	GOLLAPUDI ADITYA PAVAN
18.	17811A0320	GORLI RAJESH
19.	17811A0322	GUMULURU YASWANTH
20.	17811A0323	GYPURI MANI KANTA
21.	17811A0324	JERRIPOTHULA MADHAN MOHAN
22.	17811A0325	KALLA DHARMA TEJA
23.	17811A0326	KARRI SAI AKHIL
24.	17811A0327	KASIREDDI SATEESH
25.	17811A0328	KAYALA NANI
26.	17811A0329	KILLADA SIVA SAI KIRAN

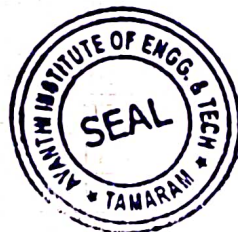


27.	17811A0330	KODA NAGENDRABABU
28.	17811A0331	KOLLI CHIRANJEEVI
29.	17811A0332	KOLLU SAINADH
30.	17811A0333	KONA PAVAN KUMAR
31.	17811A0334	KONDALA BHANU
32.	17811A0335	KOTARI JAYANT KUMAR
33.	17811A0336	KOVAGANA RAJESH
34.	17811A0337	KUNDRAPU HARIBABU
35.	17811A0338	MAJJI SRINIVASU
36.	17811A0339	MAMIDI SAI
37.	17811A0340	MATTHURTHI VAMSI SIVA KRISHNA
38.	17811A0342	NALLABELLI GANESH NAIDU
39.	17811A0343	NAMMI RAMAKRISHNA YADAV
40.	17811A0344	NANEPALLI MOHAN
41.	17811A0345	NIDDARA RAMA KRISHNA
42.	17811A0346	NUTHALAPATI NAVEEN BABU
43.	17811A0347	PALURI VENKATA SAI YASWANTH
44.	17811A0349	PITHANI UMA MANIKANTA
45.	17811A0350	PULLAGURA GOPI CHANDU
46.	17811A0351	REDDI SRINU
47.	17811A0352	SAKALA AVINASH KUMAR
48.	17811A0353	SANIVADA ANANTH SAIKRISHNA
49.	17811A0354	SARIPALLI PAVAN CHANDAR RAJU
50.	17811A0355	SATYADA ANANDPAUL
51.	17811A0356	SEELAMANTHULA MADHU BABU
52.	17811A0357	SHAIK MUBEEN
53.	17811A0358	SIRALA NAGU
54.	17811A0359	TALAPUREDDY VENKATA PAVAN KUMAR
55.	17811A0360	VALIMARAKA KAMESWARA RAO
56.	17811A0361	VASIREDDI SWAMY
57.	17811A0362	VEERAVILLI SAI PRASAD NAIDU
58.	17811A0363	VIROTHI HEMANTH SATYA KUMAR
59.	17811A0365	MARISSETTI V S R C VASANTH NAIDU
60.	18815A0301	AERLANKI BHANU PRASAD
61.	18815A0302	AMALAKANTA PAVAN
62.	18815A0303	ATHAVA SAI KUMAR
63.	18815A0304	BALLA SAIBABA
64.	18815A0305	BEHERA NAVEEN
65.	18815A0306	BELLAMKONDA SAI BHASKAR VARMA

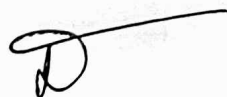




66.	18815A0307	BHESETTI HEMA SANYASI NAIDU
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68.	18815A0309	BOLISETTI LOKSAI
69.	18815A0310	CHADARAM RAKESH SIVARAJ
70.	18815A0311	CHINNI NANIBABU
71.	18815A0312	DADI LOKESH
72.	18815A0313	EPPILI THARUN KUMAR
73.	18815A0314	GANISETTY BHASKARRAO
74.	18815A0315	GANTA NAGA PHANINDRA
75.	18815A0316	GONNA MADHAV RAO
76.	18815A0317	GUDE SAI KUMAR
77.	18815A0318	GUDEPU JAWAHARSAIMANI
78.	18815A0320	INDALA JAGADEESH
79.	18815A0321	JALUMURI SAI
80.	18815A0322	KANDREGULA NAVEEN
81.	18815A0323	KANDREGULA RAMESH
82.	18815A0324	KARRI MUKHESH
83.	18815A0325	KARRI NOOKA PAVAN KUMAR
84.	18815A0326	KARRI SRIKANTH
85.	18815A0327	KASAVARAJU PREM KUMAR
86.	18815A0328	KASIREDDY TEJA
87.	18815A0329	KATARI UDAY KUMAR
88.	18815A0330	KOMMOJU DURGA RAJESH
89.	18815A0331	KONAKALLA JASWANTH
90.	18815A0332	KOYYA KRISHNA
91.	18815A0333	KUNDRAPU MADHUBABU
92.	18815A0334	KUPPINA MANGA RAJU
93.	18815A0335	MAHAMMAD SARTAZ AZEEZ
94.	18815A0336	MALLA TEJA SAI
95.	18815A0337	MARADANA CHAITANYA
96.	18815A0338	MARISETTY GANESH
97.	18815A0339	MITTIPATI RAJESH
98.	18815A0340	MUMMINA DURGA SATISH
99.	18815A0341	NARAM YUGANDHAR NAGA GANESH
100.	18815A0342	NAVARA SAI KUMAR
101.	18815A0343	PADALA NAVEEN KUMAR
102.	18815A0345	PAVADA AJAY NAVEEN
103.	18815A0346	PENTAKOTA NAGA SAIRAM
104.	18815A0347	PETLA TRINADH SAI SWAMY NAIDU
105.	18815A0348	POLIPALLI SRINU



106.	18815A0350	PRUDHVI RAJU MARISETTI
107.	18815A0351	REDDI HARI PRASAD
108.	18815A0352	REPAKA RAKESH KUMAR
109.	18815A0353	RUTTALA VENKU NAIDU
110.	18815A0354	SARAGADAM SURYATEJA
111.	18815A0355	SEETHINA HEMANTH
112.	18815A0356	SENAPATI RAJU
113.	18815A0357	SINGIDI SATEESH
114.	18815A0358	SIRAPURAPU PRASAD
115.	18815A0359	SONTENA MANIKANTA
116.	18815A0360	SURISSETTY ANU VAMSI
117.	18815A0361	TALARI JNANESWARAO
118.	18815A0362	TAMANARA PREM KUMAR
119.	18815A0363	THALADA RAKESH
120.	18815A0364	THUMU DURGA PRASAD
121.	18815A0365	TURUSALA SATISH
122.	18815A0366	VANGALAPUDI VEERA BABU
123.	18815A0367	VELLANKI PAVAN SAI
124.	18815A0368	VILLURI MURALI KRISHNAM NAIDU
125.	18815A0369	VIYYAPU PRASANNA A N MODAKONDALA RAO
126.	18815A0371	YALAMANCHILI SRINU
127.	18815A0372	YALLA SANYASINAIDU
128.	18815A0373	YARRAMSETTI LAXMINARAYANA
129.	18815A0374	YEDLA THRIMURTHULU
130.	18815A0375	YEDURI PRAKASH
131.	18815A0376	ADARI SRIKANTH
132.	18815A0377	KOILADA PAVAN KALYAN
133.	18815A0378	SEERAMREDDI SESHADRI
134.	18815A0379	GEDELA UDAY CHARAN
135.	18815A0380	KUPPILI TEJESWAR REDDY
136.	18815A0381	PILLA KIRAN
137.	18815A0382	TAMANARA RAJESH
138.	18815A0383	BODDEDA ARAVIND
139.	18815A0385	MADDALA BHARGAV
140.	18815A0386	KOTANA SAI RAM PRASAD



Coordinator





HOD

Head of the Department  
Department of Mechanical Engg.  
Ananthi Institute of Engg. & Tech.,  
Vijayawada, Andhra Pradesh - 531113.





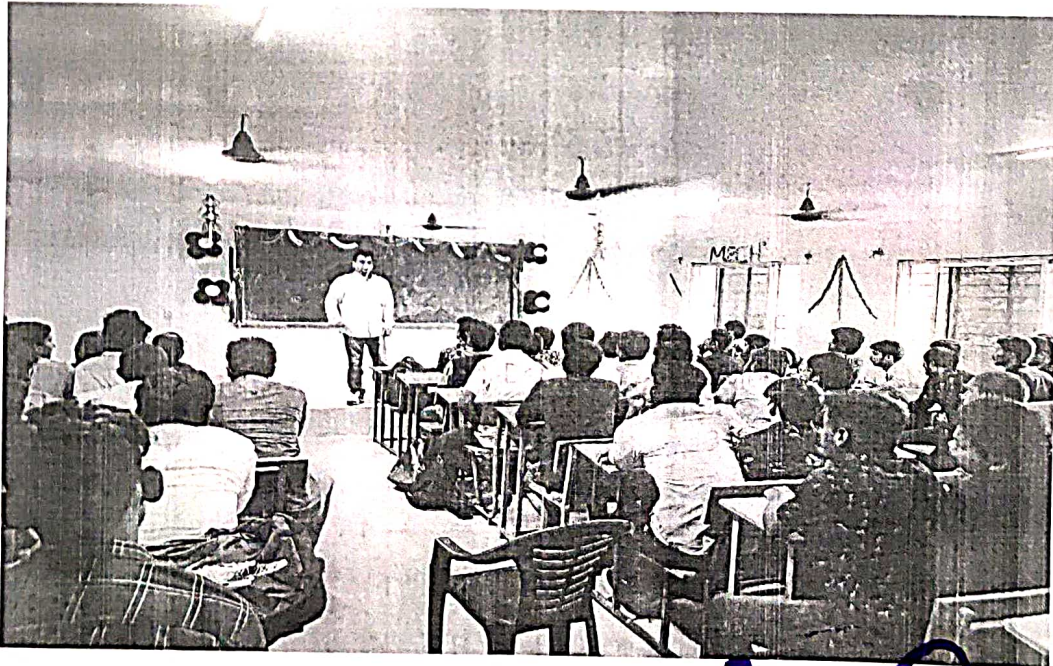
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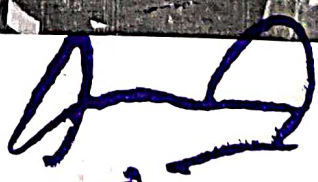
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### DEPARTMENT OF MECHANICAL ENGINEERING

#### Guest lecture Report on Principal Stresses- MOS

The Department of Mechanical Engineering, organised a Guest Lecture on Principal Stresses- MOS for II B.Tech Mechanical Students on 12<sup>th</sup> Sep 2018. Mr. S. PhaniKumar, Assistant Professor, Department of Mechanical Engineering, ANITS, Visakhapatnam, who was invited as the speaker, interacted with the Students.



  
Principal  
Avanthi Institute of Engg. & Technology  
Tamararam, Makavarapalem Md.,  
Visakhapatnam District., Pin: 531113

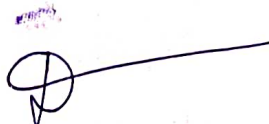


He explained about Methods for Stresses on an Oblique Section, Analytical Method, Mohr's Circle for Stresses on Oblique Body

He highlighted the key issues on Concepts, theorems and techniques of Mechanics of Solids to attend exams.

He finally concluded his lecture by pointing out the difference between Knowledge and Information.

The event was coordinated and hosted by D Trinadh, The lecture was of great success.



Coordinator



HOD

The **Head of the Department**  
**Department of Mechanical Engg.**  
**Avanthi Institute of Engg. & Tech.**  
Makavarapalem, Visakhapatnam-531113



Principal  
Avanthi Institute of Engg. & Technology  
Tamararam, Makavarapalem Md.,  
Visakhapatnam District., Pin: 531113



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e-mail principal\_aiet@yahoo.com Website : www.avanthi.edu.in

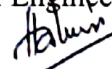
## Acknowledgement

To  
S. PHANI KUMAR,  
Asst. Professor,  
Dept. of Mechanical Engineering,  
ANITS.

I would like express my special thanks to S. Phani Kumar for accepting our invitation to give Guest/Expert lecture on the topic titled: **Principal Stresses - Mechanics of Solids**, dated: 12-09-2018. His lecture on the above said topic helped the students to learn the subject a lot. On behalf of Mechanical Engineering, Avanathi Institute of Engineering and Technology, Visakhapatnam. I would once again thank him for taking out his precious time to share his technical expertise with the students to make a program success.

With Best regards,

V. HARI KIRAN,  
Assoc. Professor  
HOD-Mechanical Engineering

  
Head of the Department  
Department of Mechanical Engg.  
Avanathi Institute of Engg. & Tech.,  
Makavarapalem, Visakhapatnam - 531113.