



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)

Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

Sangivalasa  
08-02-2021

To  
The Principal,  
ANITS.

Sir,

**Sub: Permission for organizing expert lecture by Alumni- Reg.**

It is to bring to your kind notice that the Department of Mechanical Engineering is going to organize an expert lecture for II/IV B. Tech lateral entry students by the alumni of Mechanical Engineering. Kindly give permission for organizing the session.

**Topic: NDT Methods and Analysis- An Industrial Perspective**

**Date: 10-02-2021**

**Resource Persons(Alumni of Mechanical Engineering, ANITS (Batch 2012-2016)) :**

1. Badiseti Rajesh - Indian Railways, Anantapur division
2. G. Satish - Naval Dockyard, Vishakapatnam.



OK

AN

8.2.21.  
HOD  
Mech. Dept

PROFESSOR & HEAD  
Department of Mechanical Engineering  
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE  
Sangivalasa-531 162 VISAKHAPATNAM Dist A F



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Phone 08933-225084, 226195

09-02-2021.

**CIRCULAR**

The II/IV Mechanical Engineering ( lateral entry ) students are hereby informed that there will be a Expert lecture by alumni of Mechanical Engineering (2012-16 batch). The topic for the Expert lecture is "**NDT Methods and Analysis- An Industrial Perspective**".


Date: 10-02-2021

Time : 10:30 AM to 12:00 noon

Venue : F-202, First Floor.

**Resource Persons(Alumni of Mechanical Engineering, ANITS (Batch 2012-2016)) :**

1. Badiseti Rajesh - Indian Railways, Anantapur division
2. G. Satish - Naval Dockyard, Vishakapatnam.

  
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Expert Lecture on "NDT Methods and Analysis - An Industrial Perspective"  
 I/IV Mechanical Engineering Students : Date: 10.2.21

Sl No	Name Of The Student	Registration No	Section	Signature
1	K. Sai Teja	319126520144	C	K. Sai Teja
2	G. Sundra Babu	319126520135	C	G. Sundra Babu
3	D. Murali Krishna	319126520133	C	D. Murali Krishna
4	G. Sandeep Kumar	319126520132	C	G. Sandeep Kumar
5	H. Sowmya	319126520138	C	H. Sowmya
6	K. Tarun Kumar	319126520142	C	K. Tarun Kumar
7	K. MUKESH BABU	319126520141	C	K. Mukesh
8	Ch. Uday Kiran	319126520129	C	Ch. Uday Kiran
9	K. Shiva Sai	319126520143	C	K. Shiva Sai
10	D. Rajesh	319126520131	C	D. Rajesh
11	Ch. Prem Sai	31912650130	C	Ch. Prem Sai
12	R. Devi Varu Prasad	319126520140	C	R. Devi Varu Prasad
13	B. Kartheek	319126520129	C	B. Kartheek
14	J. Harish	319126520139	C	J. Harish
15	B. Sunil	319126520128	C	B. Sunil
16	B. Anush	319126520125	C	B. Anush
17	D. Satya Prasad	319126520132	C	D. Satya Prasad
18	B. Lokesh	319126520126	C	B. Lokesh
19	A. Vijay Kumar	319126520122	C	A. Vijay Kumar
20	G. Sai Kiran	319126520136	C	G. Sai Kiran
21	A. Kodanda Ram	319126520141	C	A. Kodanda Ram
22	D. Gowtham	319126520134	C	D. Gowtham

17  
 10/2/21  
 PROFESSOR & HEAD  
 Department of Mechanical Engineering  
 ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE  
 Sangivalasa-531162 VISAKHAPATNAM Dist. A F

23	B. Venkatesh	319126520124	C	
24	V. Tarun	319126520167	C	V. Tarun
25	N. Karthik	319126520153	C	N. Karthik (319126520153)
26	O. Varaha Jayashikha	319126520154	C	O. V. Jayashikha
27	S.N. V Sai Eswari	319126520158	C	S. N. V Sai Eswari
28	K. A. Shanthi Kumari	319126520147	C	K. A. Shanthi Kumari
29	U. V. Rohith	319126520162	C	U. V. Rohith
30	V. Vamsi	319126520163	C	V. Vamsi
31	P. Praveen	319126520156	C	P. Praveen
32	S. Satya Srikumar	319126520161	C	S. Srikumar
33	S. Saijay Babu	319126520157	C	S. Saijay
34	S. Prasanth	319126520160	C	S. Prasanth
35	V. V. S. Ravi Shankar	319126520167	C	V. V. S. Ravi Shankar
36	V. Harish	319126520168	C	V. Harish
37	V. Adithya	319126520166	C	V. Adithya
38	M. Tejaswari	319126520151	C	M. Tejaswari
39	L. Ganesh	319126520148	C	L. Ganesh
40	K. Hemasri	319126520146	C	K. Hemasri
41	L. Poornima Sai	319126520149	C	L. Poornima Sai
42	N. Anudeep	319126520152	C	N. Anudeep
43	R. Mani deepak	319126520157	C	Mani
44	L. Yashrajini Ajay Kumar	319126520150	C	L. Y. Ajay Kumar
45	K. A. SURESH	319126520146	C	
46	V. Vasu	319126520165	C	V. Vasu



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### A Report on Failure of NDT Techniques and Analysis

10/02/2021

To gain experience with and understanding of the types, advantages and applications of various NDT methods. To be able to choose the best NDT method for a given part. In certain applications, the evaluation of engineering materials or structures without impairing their properties is very important, such as the quality control of the products, failure analysis or prevention of the engineered systems in service. The field of NDT is a very broad, interdisciplinary field that plays a critical role in inspecting that structural component and systems perform their function in a reliable fashion. Certain standards has been also implemented to assure the reliability of the NDT tests and prevent certain errors due to either the fault in the equipment used, the miss-application of the methods or the skill and the knowledge of the inspectors.

These methods can be performed on metals, plastics, ceramics, composites, cermets, and coatings in order to detect cracks, internal voids, surface cavities, delamination, incomplete defective welds and any type of flaw that could lead to premature failure. It is with this perspective, Department of Mechanical Engineering has organised a guest lecture on “ NDT Methods and Analysis” by B Rajesh of Indian Railways – Ananthapur Division and G Satish of Naval Dock Yard Visakhapatnam.

  
Faculty Co-ordinator

  
Head of the Department  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
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