



## ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada \* Approved by AICTE, New Delhi \* Accredited by NAAC

Recognized by UGC Under section 2(f) and 12 (B) of UGC Act 1956

ADB ROAD, ADITYA NAGARA, SURAMPALEM-533437

### Department of Civil Engineering

Date: 09.02.2020.

To  
The principal  
Aditya College of Engineering & Technology  
Surampalem

Respected sir,

[Through Head of the Department]

Sub: Request for your approval to organize a certification course on "TEKLA" – reg.

It's our greatest pleasure to bring to your kind notice that, we the Department of Civil Engineering would like to train our B.Tech students in the **TEKLA** adapted initially, with the help of our staff; as the present world is running towards perfection so it is necessary to rise the productivity while building different structures. This training will be more helpful to the students in theoretical and technical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person : Mr.P Trinadh Varma, Asst. Proff  
SRKR Engineering College  
Honorarium : Rs. 10000/-

  
Course Coordinator

  
Forwarded to Principal.

  
PRINCIPAL  
Aditya College of  
Engineering & Technology  
SURAMPALEM- 533 437



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Date: 10.02.2020.

### CIRCULAR

All the Civil students are here by informed that a one-week program is arranged to enhance the knowledge on **TEKLA**, as per the schedule from 09<sup>th</sup> March 2020. All the interested students can attend the program and utilize the opportunity. The schedule is attached.

Course Coordinator: MARABATHINA MAHESHWARA RAO  
7725033189

*A. Naga Sai*

**Head of the Department**

*[Handwritten signature]*

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## Department of Civil Engineering

### TEKLA Syllabus

1. Modelling steel members
2. Using system components
3. Modelling stairs, ladders and hand rails
4. Cuts in steel members
5. Importing and modelling around an IFC file created by other design software
6. Instruction on how to publish a model to Tekla BIMsight
7. Adding connections and bolt groups
8. Foundation reinforcement
9. Creating basic custom components
10. Creating models with reference to external drawings
11. Drawing settings
12. GA drawings
13. Assembly and part drawings
14. CE Marking role
15. Numbering and marking up
16. Editing drawings
17. Cloning drawings
18. Sub assemblies
19. Generating fabrication drawings
20. Drawing register

  
Course Coordinator

  
A. Naga Sai

Head of the Department

  
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### Department of Civil Engineering

#### Schedule of TEKLA:

Day-1:

FN Inauguration of the Program and speakers talk about the objectives of the event  
Introduction to TEKLA.

AN Modelling steel member, Using system components.

Day-2:

FN Modelling stairs, ladders and hand rails

AN Cuts in steel members.

Day-3:

FN Importing and modelling around an IFC file created by other design software

AN Instruction on how to publish a model to Tekla BIM sight.

Day-4:

FN Adding connections and bolt groups, Foundation reinforcement.

AN Creating basic custom components.

Day-5:

FN Drawing settings, GA drawings.

AN Assembly and Part drawings.

Day-6:

FN CE marking role, Numbering and Marking up.

AN Editing Drawing, cloning Drawing.

Day-7:

FN Sub-assemblies.

AN Generating fabrication drawing.

Day-8:

FN Drawing register.

AN Vote of thanks.

Course Coordinator

A. Naga Sai

Head of the Department

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