

# **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY**

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

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## **A ONE WEEK WORKSHOP ON “REVIT ARCHITECTURE”**

(27th jan –1st feb 2020)

Organized by

**Department of Civil Engineering**

**In Association with Andhra Pradesh State Skill Development corporation.**

### **Report on “REVIT ARCHITECTURE” one week Workshop**

#### **About Civil Engineering Department:**

The Department of Civil Engineering, established in 2011, offers B.Tech. programme in Civil Engineering of four years duration with an annual intake of 120 students. The programme is approved by AICTE and affiliated to JNTU-Kakinada. The Department is headed by Mr.N.Ramu. It is supported by qualified and experienced faculty as per AICTE norms and non-teaching staff. The various laboratories available in the department are Strength of Material Laboratory, Surveying Laboratory, Fluid Mechanics Laboratory, Geotechnical Laboratory, and Environmental Engineering Laboratory. Other facilities of the Department include Drawing Hall as well as Department Library.

#### **About Autodesk Revit Architecture**

Autodesk Revit Architecture is now available to buy as part of the best-selling Autodesk Revit 2019 software solution for BIM and is a single affordable package to cover all the Architectural design needs.

Revit Architecture is Autodesk’s BIM software solution for structural engineering companies and structural engineers, that provides a feature rich tool set helping to drive efficient design processes in a BIM (Building Information Modelling) environment, or when working with other construction disciplines using Autodesk CAD software such as Autodesk® Revit® Architecture and Autodesk® Revit® MEP.

Autodesk® Revit® Architecture helps typical workflows between initial architectural conceptual design, through to structural engineering and out to detailed drafting by allowing all parties access to the same project database.

This means that the impact and effect of model changes can be assessed immediately thereby reducing errors as existing documentation and views are updated automatically using Revit's parametric technology saving time and streamlining coordination between Architects, Engineers and contractors.

Autodesk® Revit® Architecture includes a host of parametric structural components to dramatically speed up initial design processes and allows for multiuser access to complex models further streamlining initial design workflow, before exporting the entire or a partial analytical model to structural analysis software such as Autodesk® Robot™ Structural Analysis or other popular design and analysis applications.

### **Why Revit?**

**Design:** Model building components, analyze and simulate systems and structures, and iterate designs. Generate documentation from Revit models.

**Interoperability:** Work with members of an extended project team. Revit imports, exports, and links your data with commonly used formats, including IFC, DWG™, and DGN.

**Collaborate:** Multiple project contributors can access centrally shared models. This results in better coordination, which helps reduce clashes and rework.

**Visualize:** Communicate design intent more effectively to project owners and team members by using models to create high-impact 3D visuals

## **FEATURES**

### **Building information modeling software**

Learn about Revit® features for BIM, the intelligent model-based process used to plan, design, construct, and manage buildings and infrastructure. Revit supports a multidiscipline collaborative design process.

## **MORE FEATURES**

Architectural design, Structural engineering and fabrication, MEP engineering and fabrication , Construction

## About Workshop:

In its pursuit of excellence in technical education the Dept of Civil Engineering of Dadi Institute of Engineering & Technology, Visakhapatnam in association with Andhra Pradesh State Soft Skills Development organized One Week Workshop for the Third Year Civil Engineering Students of Department of Civil Engineering on Revit Architecture during 26<sup>th</sup> Aug to 31<sup>st</sup> Aug,2019. The Workshop aims to enhance and strengthen the skills among the students in the Building Planning in the field of Civil Engineering.. As the existing syllabus doesn't cater the present technologies on Civil Engineering stream, the Department organized the workshop to provide basic knowledge on Revit Architecture.

## Andhra Pradesh State Soft Skills Development

Andhra Pradesh State Soft Skills Development provides specialized training to the Students of Engineering colleges, Polytechnics etc., in various Disciplines in different courses by conducting three day & six day workshops.

## Invitation of workshop

### **Inauguration Function:**

The Workshop was inaugurated in the Seminar Hall 2, DIET Campus on 26-02-2019 at 10.00 AM. Prof.Dr.Ch.S.Naga Prasad,Principal, N.Ramu,HOD,Dept. of Civil Engineering, Convener of the Workshop, Trainers from APSSDC, HOD's of other departments, Faculty and Participants from Civil Engineering participated in the inaugural function.



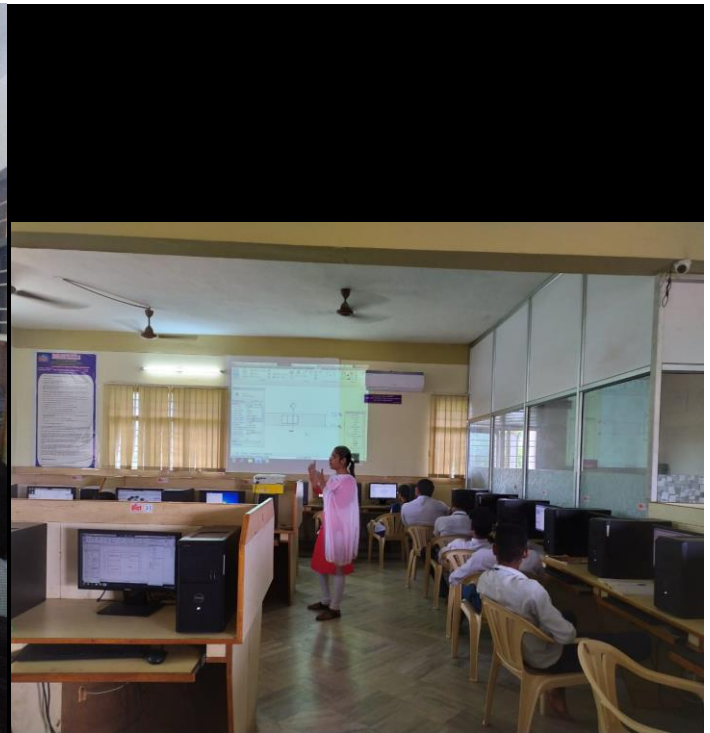
Prof. Dr. Ch.S. Naga Prasad, Principal addressing the gathering at the “Revit Architecture” Workshop on the inaugural day



**Dr.ch.kannam naidu**, HOD of Civil Dept addressing the gathering at the “Revit Architecture”  
Workshop on the inaugural day

### **Student Participation**

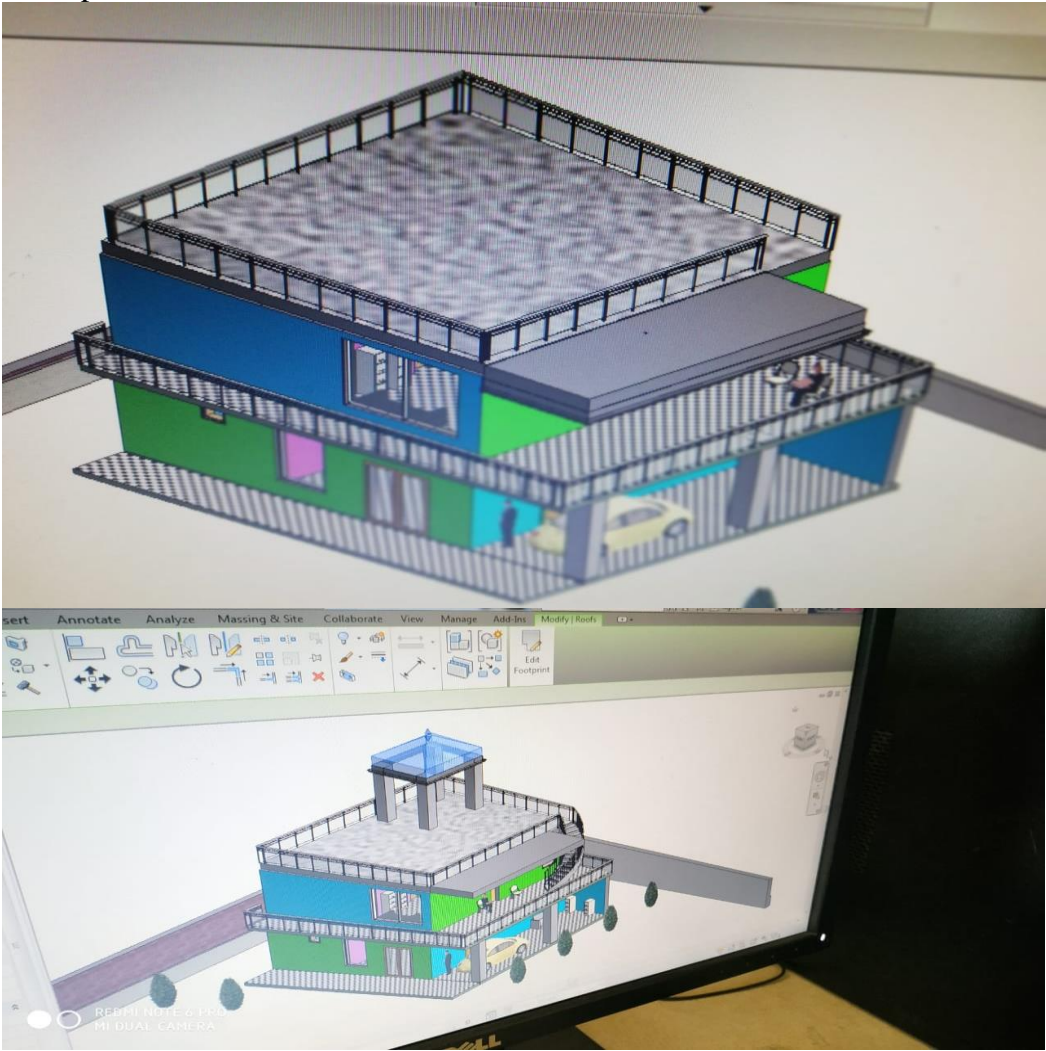
The trainer explained the advantages of using the software. They also demonstrated the practical applications in designing. The students could built many models by using the application. The students were applauded for their active participation for the six days



APSSDC Trainer Sri S.Kanya Kumari explaining the basics of Revit Architecture to the Participants



APSSDC Trainer S.N.V.S Prasanna Kumar explaining the basics of Revit Architecture to the Participants





Some of the Models prepared by our Students in Revit Architecture Workshop

**Valedictory Function:**

The Valedictory function of the one week workshop on“Revit Architecture” was done in the Seminar Hall 2, DIET Campus on 1st-feb-2020 at 03.30 PM.. The dignitaries of the valedictory Function included Prof.Dr.Ch.S.Naga Prasad, Principal, Dr.ch.kannam Naidu, HOD, and Mr.N.Ramu



Convener of the Workshop Trainers from APSSDC, All the Heads of other Departments of the College, faculty members and Students participated in the Valedictory Session.



**Paper clippings of various newspapers for the Revit Structure workshop conducted at DIET, Ankapalle.**

# కమ్యూనికేషన్ స్కీల్స్ పెంచుకోవాలి

అనకాపల్లిటౌన్: విద్యార్థులు చదువుతో పాటు, కమ్యూనికేషన్ స్కీల్స్ పెంచుకుంటే ఉన్నత శిఖరాలను అధిరోహించవచ్చని డైట్ కళాశాల సివిల్ హెచ్.ఎం.డి అధికారి కన్ననాయుడు తెలిపారు. స్థానిక డైట్ కళాశాలలో సోమవారం రివిట్ ఆర్కిటెక్చర్ వర్క్ షాప్ ప్రారంభించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ వారం రోజులు పాటు

విద్యార్థులకు శిక్షణ ఇస్తామన్నారు. ఇంజనీరింగ్ చదువు పూర్తి అయిన తరువాత ప్రభుత్వ, ప్రైవేట్ ఉద్యోగాల్లో చేరేందుకు ఈ శిక్షణ ఎంతగానో ఉపయోగపడుతుందన్నారు. ఏపీ స్కీల్ డవలప్ మెంట్ వారి ఆధ్వర్యంలో శిక్షణ తరగతులు నిర్వహించనున్నట్లు తెలిపారు. కార్యక్రమంలో కళాశాల ప్రిన్సిపాల్ సీ.హెచ్.ఎస్.నాగప్రసాద్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



మాట్లాడుతున్న కన్ననాయుడు

**సాక్షి** Tue, 28 January 2020 <https://epaper.sakshi.com/c/48416697>

# డైట్లో ముగిసిన రివిట్ ఆర్కిటెక్చర్ వర్క్ షాపు

అనకాపల్లి పట్టణం, న్యూస్ టుడే: పట్టణంలోని డైట్ కళాశాలో నిర్వహించిన రివిట్ ఆర్కిటెక్చర్ వర్క్ షాపు ముగిసింది. అధిక సంఖ్యలో విద్యార్థులు పాల్గొని సంబంధిత విభాగంలో పట్టు సాధించారు. ఈ సందర్భంగా కళాశాల చైర్మన్ డా. రత్నాకర్ మాట్లాడుతూ వర్క్ షాపు వల్ల కొత్త సాంకేతిక పరిజ్ఞానం నేర్చుకోడానికి విద్యార్థులకు ఎంతో దోహదపడిందన్నారు. కళాశాలలో కార్యక్రమాన్ని నిర్వహించిన ఏపీఎస్ఎస్డీసీ బృందాన్ని కళాశాల ప్రిన్సిపల్ డాక్టర్ నాగ ప్రసాద్ అభినందించారు. కార్యక్రమంలో సివిల్



వర్క్ షాపులో పాల్గొన్న విద్యార్థులు

ఇంజనీరింగ్ విభాగపతి డాక్టర్ సీ.హెచ్ కన్ననాయుడు, కన్వీనర్ రాము, వైస్ ప్రిన్సిపల్ డాక్టర్ కె.ఎస్. ఈశ్వరరావు పాల్గొన్నారు.