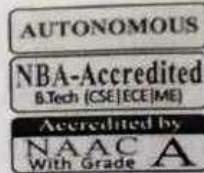




DVR & Dr. HS  
**MIC College of Technology**

ISO 9001:2015 Certified Institute  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, Krishna Dist. A.P, India.  
Phones: 08678 - 273535 / 94914 37799 / 73826 16824  
E mail: office@micttech.ac.in, Website: www.micttech.edu.in



**Department of Civil Engineering**

**List of Value Added Courses**

**A.Y:2021-22**

S.No	Name of The Course	Dates	Year	No. of Students Attended
1	Certification Programme On Auto Cad	1/02/2023 to 12/03/2023	II B. Tech Civil III Semester	57
2	Certificate Programming Using Architectural model using Revit	13/06/2021 to 23/06/2021	II B. Tech Civil IV Semester	57
3	Certificate Programming on Python	06/01/22 to 08/01/2022	II B. Tech Civil IV Semester	28
4	Certificate Programming on Java	1/2/2022 to 12/03/2022	IV B. Tech Civil VIII Semester	69
5	Certificate Programming On Python	18/04/2022 to 24/04/2022	III B. Tech Civil VI Semester	57
6	Certificate Programming On Revit	19/04/2022 to 21/04/22	IV B. Tech Civil VIII Semester	69

Signature of Coordinator

Signature of HOI



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: drhima@micotech.ac.in, Website: www.micotech.ac.in



DEPARTMENT: Training and Placement

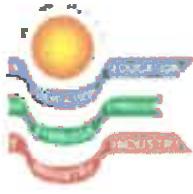
DATE: 31-12-2021

ACADEMIC YEAR: 2021-22

ORIGINATOR	Training and Placement
CIRCULATED TO	HODs, Faculty and all CIVIL Faculty

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes AutoCad 2D&3D Training for B.Tech CIVIL student's from 01-02-2022-12-03-2022. The training schedule is as follows.

Principal



Devineni Venkata Ramana & Dr. Himma Sekhar  
**MIC College of Technology**  
(Autonomous)

Kanchikacherla - 521 180. Phone : 08678-273535  
( Approved by AICTE & Permanently Affiliated to JNTUK,Kakinad

Date of Event:10.02.2022to12.03.2022

## Department Of Civil Engineering

### AutoCad 2D&3D Training

#### Dept Co-Ordinator

Asst.Prof P.L.K Sowjanya

Resource Person:APSSDC Training

Registration  
Free

#### Topics Covered

- Know The 01.2D sketching
- Moving and Aligning object
- Working with technical Drawing
- Working with Meshes





Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521190, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvhimaic@micttech.ac.in, Website: www.micttech.ac.in



**Name of the Event:** AutoCAD 2D&3D Training  
**Department:** CE  
**Topic:** AutoCAD 2D & 3D Training

**Date:** 1-02-2022 to 12-03-2022  
**Academic Year:** 2021-2022

**Date of the Event:** 1-02-2022 to 12-03-2022

**Resource Person:** APSSDC Training

**Name of the coordinator:** P.L.K. Sowjanya  
Asst Professor, Dept of CE

**Target Audience:** B. Tech CE branch students

**Total no of Participants:** 57

**Objective of the event:**

The Department of Training & placement cell organized "**AutoCAD Training**", and is specially meant for engineering second year students. The sole objective of AutoCad training is to make students able to present their work imagination with calculated and specified measurements. AutoCAD is used to create computer-aided designs or software applications including drafting. AutoCAD develops the application in both the 2D and 3D formats and provides the information to the applicant. The benefits of AutoCAD is Accurate and reduce errors, Easier data transfer and it is a layering Feature.

**Topics covered:** Know the UI, 2D Sketching, Moving and Aligning Objects, Working with Technical Drawings, Working with Meshes.

**Outcome of event:** After completing this training course, students will

- Become familiar with the AutoCAD user interface.
- Understand the fundamental concepts and features of AutoCAD.
- Use the precision drafting tools in AutoCAD to develop accurate technical drawings.
- Present better quality drawings.

**Feedback / Suggestions:** Students are participated in enthusiastic manner.  
Planned to organize every year.





Devineni Venkata Ramana & Dr.Hirna Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: devineni@mictech.ac.in, Website: www.mictech.ac.in



**Photographs:**



*P.L.K. Sow*  
Co-Ordinator

*[Signature]*  
HOD

*[Signature]*  
Principal



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvdrmic@mictech.ac.in, Website: www.mictech.ac.in



DEPARTMENT: Training and Placement

DATE: 10-06-2021

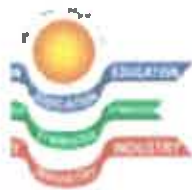
ACADEMIC YEAR: 2021-22

ORIGINATOR	Training and Placement
CIRCULATED TO	HODs, Faculty and all CIVIL Faculty

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes Architectural model using revit Training for B.Tech CIVIL student's from 13-06-2021-23-06-2021. The training schedule is as follows.

Training schedule:

**Principal**



Devineni Venkata Ramana & Dr. Himma Sekhar  
**MIC College of Technology**  
(Autonomous)

Kanchikacherla - 521 180. Phone : 08678-273535  
( Approved by AICTE & Permanently Affiliated to JNTUK,Kakinad

Date of Event:13.06.2021to23.06.2021

## Department Of Civil Engineering

### Architectural Model Using Revit

#### Dept Co-Ordinator

Asst.Prof: K.Prasad

Resource Person:APSSDC Training

Registration  
Free

#### Topics Covered

- Introduction Revit Architecture
- Navigation Tool
- Creating Walls
- Using Basic Building Components
- Using Editing Tools
- Creating Floors
- Creating Roofs
- Shape of Editing Tools
- Creating Ceilings
- Adding Rooms
- Negotiation Skills
- Stress and Time Management



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: devhmic@mictech.ac.in, Website: www.mictech.ac.in



**Name of the Event:** Architectural Model using Revit  
**Department:** CE

**Topic:** Architectural Model using Revit

**Date:** 13-06-2021 to 23-06-2021  
**Academic Year:** 2021-2022

**Date of the Event:** 13-06-2021 to 23-06-2021

**Resource Person:** APSSDC Training

**Name of the coordinator:** K.Prasad  
**Asst Professor, Dept of CE**

**Target Audience:** B. Tech CE branch students

**Total no of Participants:** 28

**Objective of the event:**

The Department of Training & placement cell organized "Revit Training", and is specially meant for Engineering final year students. Revit is a commercial building information modeling (BIM) software by the company Autodesk. It's generally used by Architects, structural engineers, mechanical, electrical, and plumbing engineers, designers, and contractors. Autodesk Revit allows users to create, edit and review 3D models in exceptional detail.

**Topics covered:** Introduction to Revit Architecture (User Interface, Options and Starting an Architectural Project), Navigation tool, Creating Walls, Using basic Building Components (Adding Doors, Windows), Using the Editing Tools, Creating Floors, Creating Roofs, shape Editing Tools, Creating Ceilings, adding Rooms.

**Outcome of event:** After completing this training course, students will be able to

- Understand the purpose of BIM and how it is applied in Autodesk Revit Software.
- Navigating the Autodesk Revit Workshop and Interface.
- Working with the basic sketching and modifying tools.
- Review Revit file Work sharing, terminology and workflow.

**Feedback / Suggestions:** Students are participated in enthusiastic manner.  
Planned to organize every year.





Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.

Phone : 08678 - 273535, 273623, Fax: 08678 - 273569

e mail: [dvrmic@mictech.ac.in](mailto:dvrmic@mictech.ac.in), Website: [www.mictech.ac.in](http://www.mictech.ac.in)



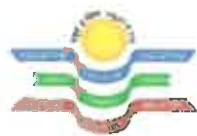
**Photographs:**



  
Co-Ordinator

  
HOD

  
Principal



**DEPARTMENT: Training and Placement**  
**ACADEMIC YEAR: 2021-22**

**DATE: 03-12-2021**

<b>ORIGINATOR</b>	<b>Principal</b>
<b>CIRCULATED TO</b>	<b>HODs, Faculty and III B. Tech Students – All Departments</b>

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes Python Programming Training for IIIrd Year student's from 06-12-2021-08-01-2022. The training schedule is as follows.

Training schedule:

S.No	Students
1	III CIVIL
2	IV ME
3	IV ECE
4	IV IT
5	IV CSE
6	IV EEE

**Principal**



DVR & Dr. HS  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacharla - 521100, Krishna Dist. A.P. India.  
Phone: 08678 - 273515, 273623, Fax: 08678 - 273559  
e-mail: dv:hamik@micetech.ac.in, Website: www.micetech.ac.in

AUTONOMOUS

NBA-Accredited  
Tech (SE/EE/CE)

NAAC  
A

An ISO 9001:2015  
Certified Institution

**REGISTRATION  
FREE**

**TRAINING & PLACEMENT CELL**

**TRAINING PROGRAMME ON PYTHON FUNDAMENTALS**

**6-12-2021 to 8-1-2022**

**RESOURCE PERSON FROM**

**BYTEXL India Private Limited**

**Software Company**

**Hyderabad, Telangana**

**Department Coordinators**

**Mr. A.V.V. Sairam ( CIVIL )**

**Mr. M. Tharun ( EEE )**

**Ms. D. Divya ( MECH )**

**Mr. K. Veenanand ( ECE )**

**Ms. K. Vinaya Sree Bai ( CSE & IT )**

**Principal**

**Dr. M. Srinivas**

**M.Tech, PhD**

**1. Programming Techniques**

.How to use logging

.Testing for Modification

.Timing Functions , Profilling,  
memory

**2. Measuring Performance**

.Timing Functions,

.Profilling memory

.Dictionary

.Formatted String Literals

**3. Data Structures**

.Basic Architecture

.Exchanging Data Using  
JSON

**4. Network Client Server**

.Counters, Arrays ,Queues,  
Context Manager, Using  
With, Building a Context

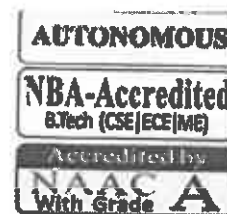
**byte<sup>XL</sup>**



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvrtsmic@mictech.ac.in, Website: www.mictech.ac.in



**Name of the Event: PYTHON PROGRAMMING**

**Department: CE**

**Date: 06-12-2021 to 08-01-2022**

**Academic Year: 2021-22**

**Topic: PYTHON PROGRAMMING**

**Date of the Event: 06-12-2021 to 08-01-2022**

**Resource Person: : BYTEXL Training**

**Name of the coordinator: S.ASHOK KUMAR**  
**Asst Professor, Dept of CE**

**Target Audience: B. Tech CIVIL branch students**

**Total no of Participants: 28**

**OBJECTIVE:**

The course is designed to provide basic knowledge of Python. Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.

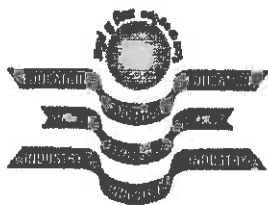
**OVERVIEW:**

Python is a widely used general-purpose, high level programming language. It was created by Guido van Rossum in 1991 and further developed by the Python Software Foundation. It was designed with an emphasis on code readability, and its syntax allows programmers to express their concepts in fewer lines of code.

**WHY TAKE THIS COURSE:**

Python has been voted for the most favorite programming language of all time. It is undoubtedly beating other programming languages. It has been used for developing almost every kind of applications whether it is web applications or game applications. Numerous programmers have increased the use of Python programming languages and it is certainly used worldwide. Python programmers would be the most demandable in the future of IT industries which makes Python future brighter.





# Devineni Venkata Ramana & Dr.Hima Sekhar MIC College of Technology

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P. India.

Phone : 08678 - 273535, 273623, Fax: 08678 - 273569

e mail: dvrtsmic@micttech.ac.in, Website: www.micttech.ac.in



## LEARNING OUTCOMES

After completing this course the students will be able to demonstrate the knowledge and ability :

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.
- To learn how to use indexing and slicing to access data in Python programs.

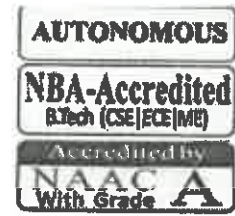
## COURSE OUTLINE:

MODULE	TOPICS
Module 1 - Introduction to Python and Computer Programming	• Python - a tool, not a reptile
	• There is more than one Python
	• Let's start our Python adventure
Module 2 - Data Types, Variables, Basic Input-Output Operations, Basic Operators	• Your first program
	• Python literals
	• Operators - data manipulation tools
	• Variables - data-shaped boxes
Module 3 - Boolean Values, Conditional Execution, Loops, Lists and List Processing, Logical and Bitwise Operations	• Making decisions in Python
	• Python's loops
	• Logic and bit operations in Python
	• Lists - collections of data
	• Sorting simple lists - the bubble sort algorithm
Module 4 - Functions, Tuples, Dictionaries, and Data Processing	• Writing functions in Python
	• How functions communicate with their environment?
	• Returning a result from a function
	• Scopes in Python

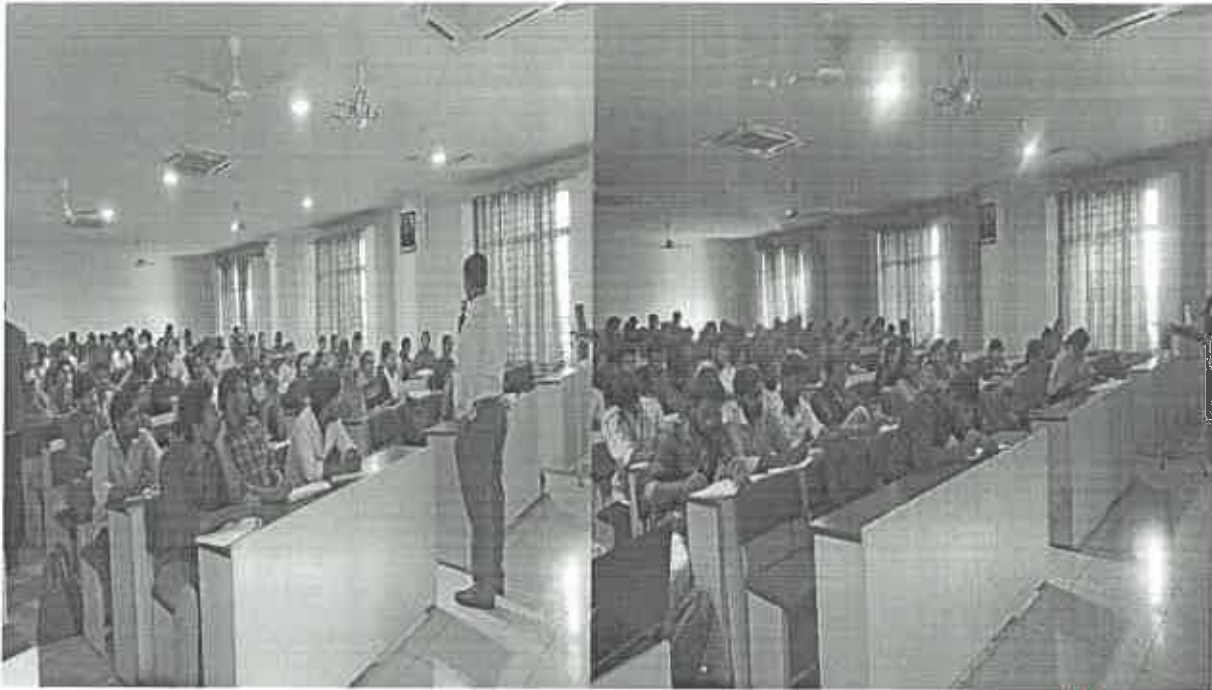


Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakimada)

Kanchikacherla - 521180, Krishna Dist. A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvrlsmic@mictech.ac.in, Website: www.mictech.ac.in



**Encls: List of Students**



*S. K. S. S. K. K. K.*  
Signature of the Co Ordinator

*[Signature]*  
Signature of the HOD

*[Signature]*  
Signature of the Principal



**DEPARTMENT: Training and Placement**  
**ACADEMIC YEAR: 2021-22**

**DATE: 30-01-2022**

<b>ORIGINATOR</b>	<b>Principal</b>
<b>CIRCULATED TO</b>	<b>HODs, Faculty and IV B. Tech Students – All Departments</b>

All the HOD's, staff and students are hereby informed that the training and placement section is conducting training classes JAVA Programming Training for IV Year student's from 01-02-2022-12-03-2022. The training schedule is as follows.

**Training schedule:**

<b>S.No</b>	<b>Students</b>
1	IV CIVIL
2	IV ME
3	IV ECE
4	IV IT
5	IV CSE
6	IV EEE

**Principal**



# DVR & Dr. HS MIC College of Technology

(Approved by AKTE & Permanently Affiliated to JNTU K. Kakinda)  
Kanchikacherla - 521180, Krishna Dist. A.P. India.  
Phone: 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvr@mic.ac.in, Website: www.mictech.ac.in



## TRAINING & PLACEMENT CELL

### HANDS ON WORKSHOP ON OBJECT ORIENTED PROGRAMMING USING JAVA

1-02-2022 to 12-03-2022

#### RESOURCE PERSON FROM

BYTEXL India Private Limited  
Software Company  
Hyderabad, Telangana

**REGISTRATION  
FREE**

#### Department Coordinators

Mr. A.V.V. Sairam ( CIVIL )

Mr. M. Tharun ( EEE )

Ms. D. Divya ( MECH )

Mr. K. Veenanand ( ECE )

Ms. K. Vinaya Sree Bai ( CSE & IT )

Principal

**Dr.K.Srinivas**

M.Tech, PhD

**byteXL**

## TOPICS COVERED

1. Introduction to java and OOPS
2. Java Tokens , Comments  
Identifiers, Keywords,  
Separators
3. Working With Java Editors  
Softwares- Editplus,  
NetBeans, Eclipse
4. Packages with Static  
imports
5. Working with jar
6. Modifiers-File Level  
,Access level and Non-  
access level
7. Datatypes, literals,  
variables  
type Conversion, Casting &  
Promotion etc.





Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.

Phone : 08678 - 273535, 273623, Fax: 08678 - 273569

e-mail: dvhemic@micotech.ac.in, Website: www.micotech.ac.in



**Name of the Event: JAVA PROGRAMMING**

**Date: 01-02-2022 to 12-03-2022**

**Department: CE**

**Academic Year: 2021-22**

**Topic: JAVA PROGRAMMING**

**Date of the Event: 01-02-2022 to 12-03-2022**

**Resource Person: BYTEXL Training**

**Name of the coordinator: V. VENKATESH**  
**Asst Professor, Dept of CE**

**Target Audience: B. Tech CIVIL branch students**

**Total no of Participants: 69**

**Course Objectives:**

1. Understand fundamentals of programming such as variables, conditional and iterative execution, methods, etc.
2. Understand fundamentals of object-oriented programming in Java, including defining classes, invoking methods, using class libraries, etc.
3. Be aware of the important topics and principles of software development.
4. Have the ability to write a computer program to solve specified problems.
5. Be able to use the Java SDK environment to create, debug and run simple Java programs.

**Course Outcomes:** After successful completion of the course, the students are able to

1. Use the syntax and semantics of java programming language and basic concepts of OOP.
2. Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
3. Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
4. Design event driven GUI and web related applications which mimic the real word scenarios.



**Description:**

## Java Syllabus

SNO	TOPICS	Hours
Day-01	Introduction to Java, Java features, Setting up the environment in Java.(Path),Program structure, comments.	3
	Variables, Scope of variables, Primitive data types	
Day-02	Input/ Output	3
	Operators, Operator precedence, Associativity	
Day-03	Keywords, Conditional statements(if,if-else-else-if ladder)	3
Day-04	Control statements (for, while, do-while, enhanced-for) Problem solving on control statements	3
	Branching statements ( break, continue, return)	
Day-5 & 6	Arrays (1D,2D,3D....), for-each loop, Types ( Jagged array), Problem solving on arrays	6
Day-7	Strings, string classes, problem solving on strings	3
Day-8	Methods, Parameters & Arguments, Recursion	3
Day-9	Introduction to OOPS	3
	Class & Objects	
	Constructors	
Day-10,11,12	OOPS Concepts (Inheritance, polymorphism, etc.,)	9
Day-13	Exception Handling	3
Day-14	Interfaces & Abstraction	3
Day-15 & 16	Collections	6
Day-17	Wrapper classes	3
Day-18,19	MultiThreading	6
Day-20	File Handling	3



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.

Phone : 08678 - 273535, 273623, Fax: 08678 - 273569

e mail: dvhsmic@micotech.ac.in, Website: www.micotech.ac.in

**AUTONOMOUS**

**NBA-Accredited**  
O.Tech (CSE/ECE/ME)

**NAAC**  
With Grade **A**

**Photographs:**



*V. Venkath*  
**Signature of the Co-Ordinator**

*[Signature]*  
**Signature of the HOD**

*[Signature]*  
**Signature of the Principal**



**DEPARTMENT: Training and Placement**  
**ACADEMIC YEAR: 2021-22**


**DATE: 30-01-2022**

<b>ORIGINATOR</b>	<b>Principal</b>
<b>CIRCULATED TO</b>	<b>HODs, Faculty and IV B. Tech Students – All Departments</b>

All the HOD's, staff and students are hereby informed that the training and placement section is conducting training classes Python Programming Training for IV Year student's from 18-04-2022-24-04-2022. The training schedule is as follows.

Training schedule:

S.No	Students
1	IV CIVIL
2	IV ME
3	IV ECE
4	IV IT
5	IV CSE
6	IV EEE

  
**Principal**





DVR & Dr. IIS  
**MIC College of Technology**

Approved by AICTE & Permanently Affiliated to RNTU, Kakinada  
Kandamacherla - 521181, Krishna Dist. A.P. India  
Phone : 08678 - 273335, 273623, Fax: 08678 - 273369  
e-mail: dvrmic@miccoltech.edu.in, Website: www.miccoltech.edu.in



**Organized By**

Training & Placement Cell

**TRAINING & PLACEMENT CELL**

TRAINING PROGRAM ON PYTHON PROGRAMMING  
FUNDAMENTALS

Registration  
Free

18-04-2022  
to  
24-04-2022

**Resource Person From**

BYTEXL India Private Limited Software  
Company Hyderabad, Telangana

**Department Coordinators**

Mr. A.V.V. Sairam ( CIVIL )

Mr. M. Tharun ( EEE )

Ms. D. Divya ( MECH )

Mr. K. Veenanand ( ECE )

Ms. K. Vinaya Sree Bai ( CSE & IT )

**Principal**

**Dr. K. Srinivas**

M.Tech, PhD

1. Python Fundamentals
2. Measuring Performance
3. Data Structures
4. Lambdas
5. Git and Revision Control
6. Measuring Performance
7. New Techniques and Modules
8. Python Development Tools

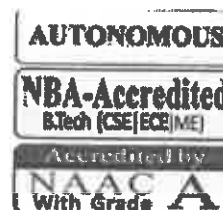




Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakimada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvrtsmic@micttech.ac.in, Website: www.micttech.ac.in



**Name of the Event: PYTHON PROGRAMMING**

**Date: 15-04-2022**

**Department: CE**

**Academic Year: 2021-22**

**Topic: PYTHON PROGRAMMING**

**Date of the Event: 18-04-2022 to 24-04-2022**

**Resource Person : BYTEXL Training**

**Name of the coordinator: S.V.TEJAS KUMAR RAJU**  
**Asst Professor, Dept of CE**

**Target Audience: B. Tech CIVIL branch students**

**Total no of Participants: 57**

**OBJECTIVE:**

The course is designed to provide basic knowledge of Python. Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.

**OVERVIEW:**

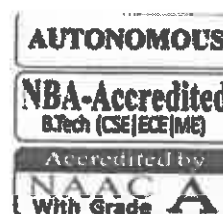
Python is a widely used general-purpose, high level programming language. It was created by Guido van Rossum in 1991 and further developed by the Python Software Foundation. It was designed with an emphasis on code readability, and its syntax allows programmers to express their concepts in fewer lines of code.

**WHY TAKE THIS COURSE:**

Python has been voted for the most favorite programming language of all time. It is undoubtedly beating other programming languages. It has been used for developing almost every kind of applications whether it is web applications or game applications. Numerous programmers have increased the use of Python programming languages and it is certainly used worldwide. Python programmers would be the most demandable in the future of IT industries which makes Python future brighter.



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
 (Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
 Kanchikacherla - 521180, Krishna Dist. A.P, India.  
 Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
 e mail: dvrhmic@mictech.ac.in, Website: www.mictech.ac.in



## LEARNING OUTCOMES

After completing this course the students will be able to demonstrate the knowledge and ability :

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.
- To learn how to use indexing and slicing to access data in Python programs.

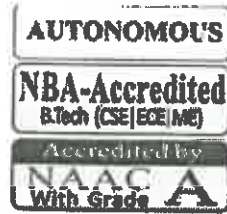
## COURSE OUTLINE:

MODULE	TOPICS
Module 1 - Introduction to Python and Computer Programming	• Python - a tool, not a reptile
	• There is more than one Python
	• Let's start our Python adventure
Module 2 - Data Types, Variables, Basic Input-Output Operations, Basic Operators	• Your first program
	• Python literals
	• Operators - data manipulation tools
	• Variables - data-shaped boxes
Module 3 - Boolean Values, Conditional Execution, Loops, Lists and List Processing, Logical and Bitwise Operations	• Making decisions in Python
	• Python's loops
	• Logic and bit operations in Python
	• Lists - collections of data
	• Sorting simple lists - the bubble sort algorithm
Module 4 - Functions, Tuples, Dictionaries, and Data Processing	• Writing functions in Python
	• How functions communicate with their environment?
	• Returning a result from a function
	• Scopes in Python

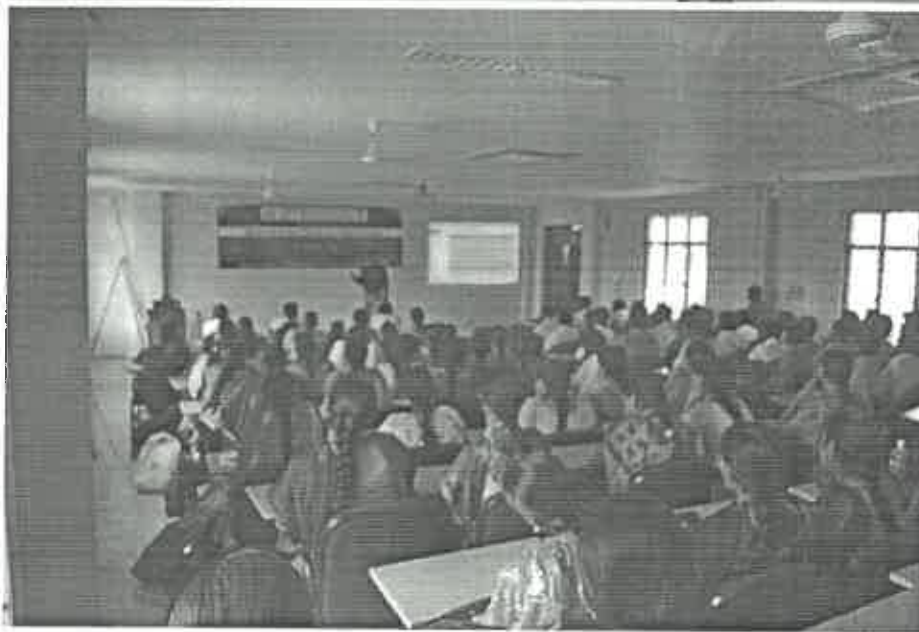


Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvhrsmic@micotech.ac.in, Website: www.micotech.ac.in

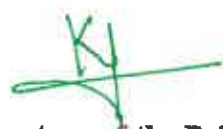


**Photographs:**



  
Signature of the Co-Ordinator

  
Signature of the HOD

  
Signature of the Principal





Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvramic@mitech.ac.in, Website: www.mitech.ac.in



DEPARTMENT: Training and Placement

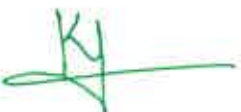
DATE: 15-04-2021

ACADEMIC YEAR: 2021-22

ORIGINATOR	Principal
CIRCULATED TO	HODs, Faculty and all CIVIL Faculty

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes Revit Archeiture Training for B.Tech CIVIL student's from 19-04-2022-21-04-2022. The training schedule is as follows.

Training schedule:

  
Principal



**DVR & Dr. HS  
MIC College of Technology**

ISO 9001:2015 Certified Institute  
Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada,  
Nandikotkur - 521181, NTR Dist., A.P. India  
Phones: 08678 - 273535 / 94914 57799 / 73826 16824  
E mail: office@mictch.ac.in, Website: www.mictch.edu.in



Date of Event: 19.04.2022 to 21.04.2022

# Department Of Civil Engineering

## Architectural Model Using Revit

### Dept Co-Ordinator

Asst.Prof: A.V.V Sai Ram

Registration  
Free

Resource Person: APSSDC Training

### Topics Covered

- ☐ Introduction Revit Architecture
- ☐ Navigation Tool
- ☐ Creating Walls
- ☐ Using Basic Building Components
- ☐ Using Editing Tools
- ☐ Creating Floors
- ☐ Creating Roofs
- ☐ Shape of Editing Tools
- ☐ Creating Ceilings
- ☐ Adding Rooms
- ☐ Advanced Skills
- ☐ Stress and Time Management



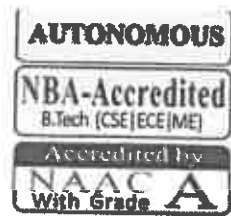
Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P. India.

Phone : 08678 - 273535, 273623, Fax: 08678 - 273569

e mail: dvrmic@mictech.ac.in, Website: www.mictech.ac.in



**Name of the Event:** Revit Architechure  
**Department:** CE  
**Topic:** Revit Architechure

**Date:**19-04-2020 to 21-04-2022  
**Academic Year:** 2021-2022

**Date of the Event:** 19-04-2020 to 21-04-2022

**Resource Person:** APSSDC Training

**Name of the coordinator:** A.V.V. SAIRAM  
Asst Professor, Dept of CE

**Target Audience:** B. Tech CE branch students

**Total no of Participants:** 69

**Objective of the event:**

The Department of Training & placement cell organized "Revit Training", and is specially meant for Engineering final year students. Revit is a commercial building information modeling (BIM) software by the company Autodesk. It's generally used by Architects, structural engineers, mechanical, electrical, and plumbing engineers, designers, and contactors. Autodesk Revit allows users to create, edit and review 3D models in exceptional detail.

**Topics covered:** Introduction to Revit Architecture (User Interface, Options and Starting an Architectural Project), Navigation tool, Creating Walls, Using basic Building Components (Adding Doors, Windows), Using the Editing Tools, Creating Floors, Creating Roofs, shape Editing Tools, Creating Ceilings, adding Rooms.

**Outcome of event:** After completing this training course, students will be able to

- Understand the purpose of BIM and how it is applied in Autodesk Revit Software.
- Navigating the Autodesk Revit Workshop and Interface.
- Working with the basic sketching and modifying tools.
- Review Revit file Work sharing, terminology and workflow.

**Feedback / Suggestions:** Students are participated in enthusiastic manner.  
Planned to organize every year.



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P. India.

Phone : 08678 - 273535, 273623, Fax: 08678 - 273569

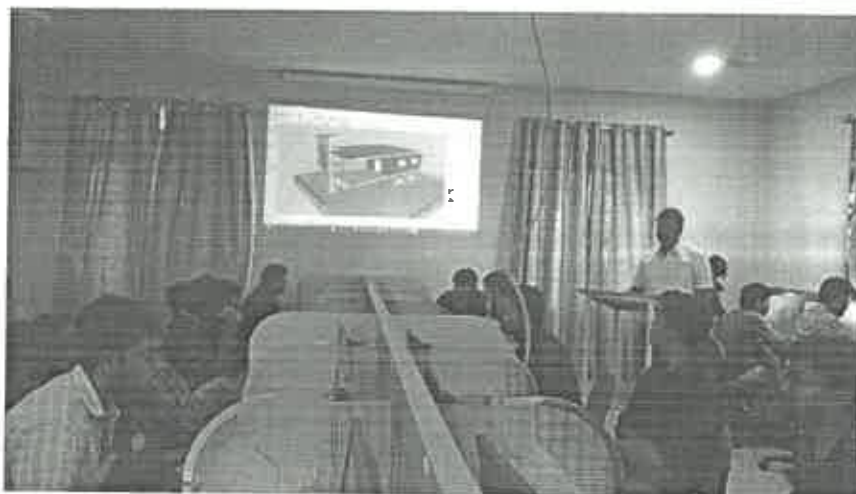
e mail: [dvrhmic@mictech.ac.in](mailto:dvrhmic@mictech.ac.in), Website: [www.mictech.ac.in](http://www.mictech.ac.in)

**AUTONOMOUS**

**NBA-Accredited**  
B.Tech (CSE|ECE|ME)

Accredited by  
**NAAC A**  
With Grade A

**Photographs:**



  
Co-Ordinator

  
HOD

  
Principal