



DVR & Dr. HS
MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTU-K, Kakinada)
Kanchikacharla - 571101, Krishna Dist, A.P., India
Phones: (0878) 271434 - 46114 47700 - 73829 16824
E-mail: office@mictech.ac.in, Website: www.mictech.edu.in




DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

List of Value Added Courses

A.Y:2020-21

S.NO	Name of the Value added courses	Course Code	No. Of Hours	Number of Students completing the course in the year
1	JAVA Programming	VAC202114	50	60
2	Python programming	VAC202115	45	56
3	PROGRAMMING IN C	VAC202116	53	62
4	Data Structures	VAC202117	40	53
5	JAVA Programming	VAC202118	50	50
6	Python programming	VAC202119	45	55
7	PROGRAMMING IN C	VAC202120	50	60


Signature of Coordinator


Signature of HOD



Devineni Venkata Ramana & Dr.Hima Sekhar
MIC College of Technology
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Kanchikacherla - 521180, Krishna Dist. A.P. India.
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569
e-mail: devrhami@micttech.ac.in, Website: www.micttech.ac.in



C PROGRAMMING TRAINING BY TRAINING & PLACEMENT CELL

Date of the Event: 09/08/2021 – 11/09/2021

Department Coordinator: Mr. K Veenanand - ECE

Topics of the Program

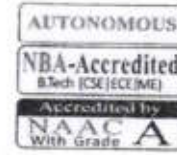
- ☐ Introduction To C & Data Types
- ☐ Operators & Conditional Statements
- ☐ Jumping Statements And Basics Of Pointers
- ☐ Functions And Storage Classes
- ☐ Introduction To Arrays
- ☐ DMA And Introduction to Strings
- ☐ Type def, files & Preprocessor Directives

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Dr. HS MIC College of
Kanchikacherla, NT
Pradesh, India - 521180



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Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@micttech.ac.in, Website: www.micttech.edu.in



IOC - Outgoing

DEPARTMENT: Training and Placement

DATE:06-08-2021

ACADEMIC YEAR: 2020-21

ORIGINATOR	Principal
CIRCULATED TO	HODs, Faculty and III B. Tech(ECE) Students

All the HODs, staff and students are here by informed that the training and placement section is conducting training classes on C Programming for III Year ECE student's from 09-08-2021 to 11-09-2021. The training schedule is as follows.

Timings: 9.15 AM to 12.30 PM (Forenoon)

1.15 PM to 4.30 PM (Afternoon)

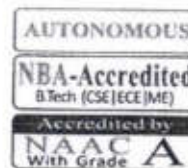
Principal

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Kanchikacherla - 521180, Krishna Dist, A.P. India
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@mictech.ac.in, Website: www.mictech.edu.in



Name of the Event: PROGRAMMING IN C

Date:14-09-2021

Department: ECE

Academic Year: 2020-21

Topic: PROGRAMMING IN C

Date of the Event:09-08-2021 to 11-09-2021

Resource Person:: BYTEXTL

Name of the coordinator: K.Veenanand
Asst Professor, Dept of ECE

Target Audience: B. Tech ECE branch students

Total no of Participants: 62

Objective of the Course:

To help students improve their C programming skills and also to help develop logic for the given problem.

It will help students to face placement.

Outcome of the Course: Students will be able to develop C programs for the given problem.

Contents:

DVR & Dr. HS MIC College of Technology		
40 HOURS Plan for C-Language		Hours
1	INTRODUCTION TO C & DATA TYPES	3
2	Operators & CONDITIONAL STATEMENTS	3
3	LOOPS	3
4	JUMPING STATEMENTS and BASICS OF POINTERS	3
5	Pointers and FUNCTIONS	3
6	FUNCTIONS and STORAGE CLASSES	3


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Andhra Pradesh, India - 521180



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7	Intoduction to arrays	3
8	ARRAYS & DMA	3
9	DMA and INTRODUCTION TO STRINGS	3
10	STRINGS	3
11	STRUTURS ,ENUMERATORS	3
12	TYPDEF,FILES & PREPROCESSOR DIRECTIVES	3
13	PREPROCESSOR DIRECTIVES Continued	3
14	COMMAND LINE ARGUMENTS	3

Photograph:



Deenamurthy
Coordinator

Ch. Paul
HOD

KJ
Principal

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Kanchikacherla, NTR Dt
Andhra Pradesh, India - 521180



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@micttech.ac.in, Website: www.micttech.ac.in



C PROGRAMMING TRAINING BY TRAINING & PLACEMENT CELL

Date of the Event: 09/08/2021 – 11/09/2021

Department Coordinator: Mr. K Veenanand - ECE

Topics of the Program

- ☐ Introduction To C & Data Types
- ☐ Operators & Conditional Statements
- ☐ Jumping Statements And Basics Of Pointers
- ☐ Functions And Storage Classes
- ☐ Introduction To Arrays
- ☐ DMA And Introduction to Strings
- ☐ Type def, files & Preprocessor Directives


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IOC - Outgoing

DEPARTMENT: Training and Placement

DATE:06-08-2021

ACADEMIC YEAR:2020-21

ORIGINATOR	Principal
CIRCULATED TO	HODs, Faculty and IV B. Tech(ECE) Students

All the HODs, staff and students are hereby informed that the training and placement section is conducting training classes on C Programming for IV Year ECE student's from 09-08-2021 to 11-09-2021. The training schedule is as follows.

Timings: 9.15 AM to 12.30 PM (Forenoon)

1.15 PM to 4.30 PM (Afternoon)

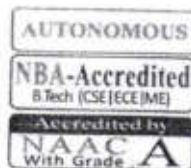
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Name of the Event: PROGRAMMING IN C

Date:14-09-2021

Department: ECE

Academic Year: 2020-21

Topic: PROGRAMMING IN C

Date of the Event:09-08-2021 to 11-09-2021

Resource Person:: BYTEXTL

Name of the coordinator: K.Veenanand
Asst Professor, Dept of ECE

Target Audience: B. Tech ECE branch students

Total no of Participants: 60

Objective of the Course:

To help students improve their C programming skills and also to help develop logic for the given problem.

It will help students to face placement.

Outcome of the Course: Students will be able to develop C programs for the given problem.

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12	TYPEDDEF,FILES & PREPROCESSOR DIRECTIVES	3
13	PREPROCESSOR DIRECTIVES Continued	3
14	COMMAND LINE ARGUMENTS	3

Photograph:



[Signature]
Coordinator

[Signature]
HOD

[Signature]
Principal

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DVR & Dr HS MIC College of Technology
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Andhra Pradesh, India - 521180



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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: dvrhima@micttech.ac.in, Website: www.micttech.ac.in



DATA STRUCTURES TRAINING BY TRAINING & PLACEMENT CELL

Date of the Event: 09/08/2021 – 11/09/2021

**Department Coordinators: Mr. M Tharun – EEE
Mr. K Veenanand - ECE**

Topics of the Program

Python for DS
ASYMPTOTIC NOTATIONS
LINKED LISTS
STACKS
QUEUES
TREES

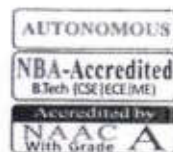
GRAPHS
HEAPS & HASHING
SEARCHING AND SORTINGS
DYNAMIC PROGRAMMING &
BACK TRACKING
GREEDY ALGORITHMS


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DEPARTMENT: Training and Placement

DATE: 07-08-2021

ACADEMIC YEAR: 2020-21

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

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes on Data Structures for IV Year student's from 09-08-2021-11-09-2021. The training schedule is as follows.

Timings : 9.15 AM to 12.30 PM (Forenoon)

1.1 S PM to 4.30 PM (Afternoon)

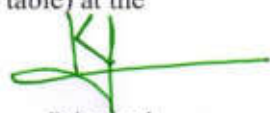
Venues :

CSE Seminar Hall- CSE & ECE Batch 1

ECE Seminar Hall -CSE & ECE Batch 2

EEE Seminar Hall -IT, MECH, CIVIL, EEE

HODs are hereby informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

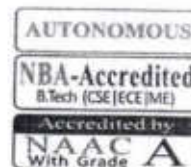

Principal


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Andhra Pradesh, India - 521180



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Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@micttech.ac.in, Website: www.micttech.edu.in



Name of the Event: DATA STRUCTURES

Date: 13.09.2021

Department: ECE

Academic Year: 2020-21

Topic: DATA STRUCTURES

Date of the Event: 09-08-2021 to 11-09-2021

Resource Person:

Name of the coordinator: K.Veenanand
Asst Professor, Dept of ECE

Target Audience: B. Tech ECE branch students


Total no of Participants: 53

Learning Outcomes

1. To understand basic data structures, their implementation and some of their standard applications.
2. To develop the ability to design and analyze basic algorithms and prove their correctness using the appropriate data structure learned in the course.

Course Objectives

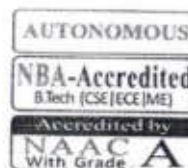
- Be familiar with basic techniques of algorithm analysis
- Be familiar with writing recursive methods
- Master the implementation of linked data structures such as linked lists and binary trees
- Be familiar with advanced data structures such as balanced search trees, hash tables, priority queues and the disjoint set union/find data structure
- Be familiar with several sub-quadratic sorting algorithms including quick sort, merge sort and heap sort


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Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@mictch.ac.in, Website: www.mictch.edu.in



Description:

DVR & Dr. HS MIC College of Technology	
Syllabus for DATA STRUCTURES with Python	
Topic	Sub Topic
Python for DS	Revision of Python and Problems on arrays
ASYMPTOTIC NOTATIONS	Introduction To Performance Analysis(Best, Average Worst). Introduction To Space And Time Complexities. Introduction To Asymptotic Notations, types Of Asymptotic Notations, Time Complexities Of Different Types Like (Constant Time, Logarithmic Time, Linear Time, Quasilinear Time, Quadratic Time, Exponential Time, Factorial Time), Master'S Theorem
LINKED LISTS	Introduction About Linked Lists, All Types(Single) And Its Operations
	Deletion Of Duplicates(Sorted And Unsorted),K Th Swapping Problem, Linkedlist Rotations
STACKS	Introduction To Stacks And Its Operations And Applications, Stacks As Linked List And Stack As Array, Balancing Parenthesis, Expression Conversion - (Infix, Prefix, Postfix), Expression Evaluation (Infix, Prefix, Postfix)
QUEUES	Introduction To Queue And Its Operations And Applications, Queue As Linked List And As Array. Types Of Queue and Circular Queue. , Priority Queue, Deque, Queue Implementation Using Stacks, Queue Programs
TREES	Introduction To Trees And Its Applications, Tree Terminologies And Its Types. Binary Tree representations - array, Linked List, Tree representations - Full, complete, binary, skewed, Formulae and programs
	Tree Traversals (Inorder, Preorder, Postorder, and Level Order), Tree Construction From Traversals, Depth Of Tree
	Binary Search Tree - Creation, Insertion(all types), BST construction from preorder, Binary tree to BST, array to BST(level order,preOrder), BST - deletion(all types), Traversals, all Standard Operations, BST Programs
GRAPHS	Introduction To Graphs And Its Applications Graph Terminologies And Types Of Graphs Graph Representation Using Adjacency List And Matrix
	Traversals(Bfs And Dfs) Cycle Detection In Graphs Programs, minimum spanning tree (kruskal's and Prim's algorithm)
HEAPS & HASHING	Implementation of Heaps, Binary Heap , Applications of hashing, Discussion on Direct Address Table, Collision handling, Problem on Heaps and Hashing
SEARCHING AND SORTINGS	Introduction To Searching And Sortings Linear Search And Binary Search Bubble Selection Insertion, Quick,Merge,Heap, Radix


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DYNAMIC PROGRAMMING & BACK TRACKING	Greedy vs Dynamic programming. Top down and bottom up approach, Longest Common Subsequence, longest increasing subsequence, Edit distance, 0-1 Knapsack, Coin change problem and Problems on dynamic programming
GREEDY ALGORITHMS	Introduction to Greedy algorithms, Activity Selection problem, Fractional Knapsack and Problems on Greedy algorithms

Photograph:




Coordinator


HOD


Principal


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Andhra Pradesh, India - 521180

TOPICS COVERED

1. INTRODUCTION TO SCRIPT
2. INTRODUCTION TO PYTHON
3. DIFFERENT MODELS IN PYTHON
4. PYTHON NEW IDEs
5. VARIABLES IN PYTHON
6. STRING HANDLING
7. PYTHON OPERATORS and
OPERANDS
8. CONDITIONAL STATEMENTS &
LOOPS
9. COLLECTIONS 'LISTS, TUPLE,
SETS, DICTIONARY.
10. PYTHON MODULES
11. PACKAGES
12. FILE HANDLING
13. EXCEPTION HANDLING
14. OOPS PROGRAMMING

PRINCIPAL
Dr. K. Srinivas M.Tech, PhD
MIC College of Technology
Kanchikacherla, NTR
Andhra Pradesh, India - 521180



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MIC College of Technology

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

Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phone : 08678 - 273555, 273623, Fax: 08678 - 273569
email: drhima@mictach.ac.in, Website: www.mictach.ac.in

AUTONOMOUS

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B.Tech (CSE/ECE/ME)

Accredited by
NAAC
With Grade A

TRAINING AND PLACEMENT CELL

TRAINING PROGRAMME ON PYTHON PROGRAMME

RESOURCE PERSON FROM

BYTEXL India Private Limited
Software Company
Hyderabad, Telangana



Department Coordinators

Ms. K. Vinaya Sri Bai (CSE & IT)
Mr. K. Veenanand (ECE)
Mrs. D. Divya (MECH)
Mr. M. Tharun (EEE)
Mr. A.V.V. Sai Ram (CIVIL)

29-03-2021 to 23-04-2021

REGISTRATION
FREE

Principal

Dr. K. Srinivas M.Tech, PhD





Devineni Venkata Ramana & Dr.Hima Sekhar
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 Phone : 08678 - 273535, 273623, Fax: 08678 - 273569
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AUTONOMOUS

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NAAC
With Grade A

DEPARTMENT: Training and Placement

DATE: 26-03-2021

ACADEMIC YEAR: 2020-21

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

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes on Python Programming for III Year student's from 29.03.2021-23.04.2021. The training schedule is as follows.

Training schedule:

Timings: 9.15AM to 12.30PM (Forenoon)

1.15PM to 4.30PM (Afternoon)

Venues:

CSE Seminar Hall	CSE&ECEBatch1
ECE Seminar Hall	CSE&ECEBatch2
EEE Seminar Hall	IT, MECH, CIVIL, EEE

HODs are here by informed to depute their T&P Coordinator & faculty (as per time table) at the venues.



Principal

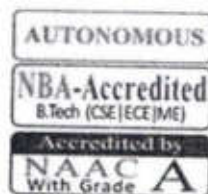

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e mail: dvrlsmic@micttech.ac.in, Website: www.micttech.ac.in



Name of the Event: PYTHON PROGRAMMING

Department: ECE

Date: 24.04.2021

Academic Year: 2020-21

Topic: PYTHON PROGRAMMING

Date of the Event: 29.03.2021-23.04-2021

Resource Person: : BYTEXL

Name of the coordinator: K.Veenanand
Asst Professor, Dept of ECE

Target Audience: B. Tech ECE branch students

Total no of Participants: 56

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.


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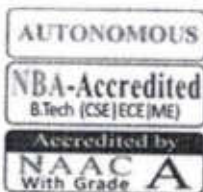
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e mail: dvrhsmic@mictech.ac.in, Website: www.mictech.ac.in



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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Writing functions in Python• How functions communicate with their environment?• Returning a result from a function• Scopes in Python


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Photograph:




Coordinator


HOD


Principal


Principal
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Kanchikacherla, NTR Dt.
Andhra Pradesh, India - 521180

TOPICS COVERED

1. INTRODUCTION TO SCRIPT
2. INTRODUCTION TO PYTHON
3. DIFFERENT MODELS IN PYTHON
4. PYTHON NEW IDEs
5. VARIABLES IN PYTHON
6. STRING HANDLING
7. PYTHON OPERATORS and
OPERANDS
8. CONDITIONAL STATEMENTS &
LOOPS
9. COLLECTIONS 'LISTS, TUPLE,
SETS, DICTIONARY.
10. PYTHON MODULES
11. PACKAGES
12. FILE HANDLING
13. EXCEPTION HANDLING
14. OOPS PROGRAMMING

PRINCIPAL
MIC College of Tech
Kanchikacherla, NTR Dist
Andhra Pradesh, India - 521



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 - 273555, 273623. Fax: 08678 - 273599

e-mail: dvhemica@mictech.ac.in, Website: www.mictech.ac.in



TRAINING AND PLACEMENT CELL

TRAINING PROGRAMME ON PYTHON PROGRAMME

RESOURCE PERSON FROM

BYTEXL India Private Limited
Software Company
Hyderabad, Telangana



Department Coordinators

Mr. P. Anil Kumar (CSE)
Mr. K Veenanand (ECE)
Mrs. D. Divya (MECH)
Mr. M. Tharun (EEE)
Mr. A.V.V Sai Ram (CIVIL)
Mrs. S. Mounika (IT)

14-06-2021 to 17-07-2021

REGISTRATION
FREE

Principal

Dr.K.Srinivas M.Tech, PhD



DEPARTMENT: Training and Placement

DATE: 11-06-2021

ACADEMIC YEAR: 2020-21

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

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes on Python Programming for III Year student's from 14.06.2021-17.07.2021. The training schedule is as follows.

Training schedule:

Timings: 9.15AM to 12.30PM (Forenoon)

1.15PM to 4.30PM (Afternoon)

Venues:

CSE Seminar Hall	CSE&ECE Batch 1
ECE Seminar Hall	CSE&ECE Batch 2

HODs are here by informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

Principal


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 Kanchikacherla, NTR Dt.
 Andhra Pradesh, India - 521180



DVR & Dr. HS
MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakimada)
Kanchikacherla - 521180, Krishna Dist, A.P, India
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@micttech.ac.in, Website: www.micttech.edu.in



Name of the Event: PYTHON PROGRAMMING

Department: ECE

Date: 20.07.2021

Academic Year: 2020-21

Topic: PYTHON PROGRAMMING

Date of the Event: 14.06.2021-17.07.2021

Resource Person: : BYTEXL

Name of the coordinator: K.Veenanand
Asst Professor, Dept of ECE

Target Audience: B. Tech ECE branch students

Total no of Participants: 55

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.


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Kanchikacherla, NTR Dt.
Andhra Pradesh, India - 521180



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 57799 / 73826 16824
E mail: office@mictech.ac.in, Website: www.mictech.edu.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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Writing functions in Python • How functions communicate with their environment? • Returning a result from a function • Scopes in Python

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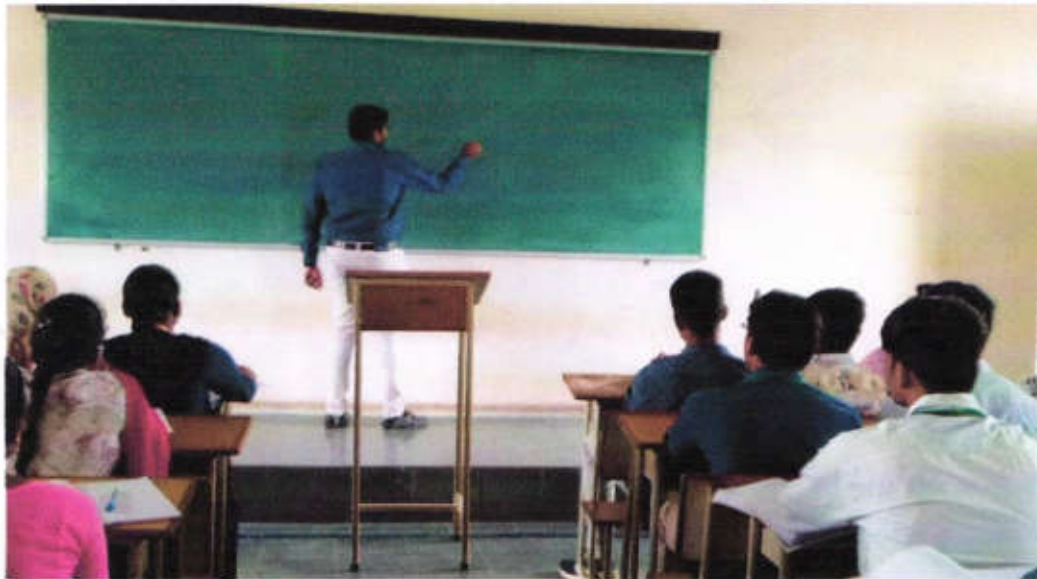


DVR & Dr. HS
MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E-mail: office@mictech.ac.in, Website: www.mictech.edu.in



Photograph:



Kemana
Coordinator

Ch. J. Pulla
HOD

KJ
Principal

HS
PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dt.
Andhra Pradesh, India - 521180

TOPICS COVERED

1. INTRODUCTION
2. PYTHON DSA
3. BIT MAGIC
4. LISTS
5. RECURSION
6. SEARCHING
7. SORTING
8. HASHING
9. STRINGS
10. LINKED LISTS
11. STACK
12. QUEUE
13. DEQUE
14. TREE
15. BINARY SEARCH TREE
16. HEAP
17. GRAPHS
18. GREEDY METHODS
19. BACKTRACKING
20. TRIE



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



TRAINING AND PLACEMENT CELL

TRAINING PROGRAMME ON JAVA PROGRAMME

RESOURCE PERSON FROM
BYTE XL India Private Limited
Software Company
Hyderabad, Telangana

byte^{XL}

Department Coordinators

Ms. K. Vinaya Sri Bai (CSE & IT)
Mr. K. Veenanand (ECE)
Mrs. D. Divya (MECH)
Mr. M. Tharun (EEE)
Mr. A.V.V Sai Ram (CIVIL)

Principal
Dr.K.Srinivas M.Tech, PhD

01-02-2021 to 01-03-2021

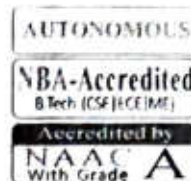
**REGISTRATION
FREE**



PRINCIPAL
DVN & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dist.
Andhra Pradesh, India - 521180



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



DEPARTMENT: Training and Placement

DATE: 20-01-2021

ACADEMIC YEAR: 2020-21

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

All the HOD's, staff and students are hereby informed that the training and placement section is conducting technical training classes on **JAVA PROGRAMMING** for IV B.Tech(CSE,ECE & IT, MECH, CIVIL, EEE) student's from 01.02.21 to 01.03.21. The training schedule is as follows.

Training schedule:

Timings: 9.15 AM to 12.30 PM (Forenoon)

1.15 PM to 4.30 PM (Afternoon)

Venues:

CSE Seminar Hall	CSE & ECE Batch 1
ECE Seminar Hall	CSE & ECE Batch 2
EEE Seminar Hall	IT, MECH, CIVIL, EEE

HODs are hereby informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

Principal

Principal
Divyaram Venkata Ramana & Dr Himu Sekhar
MIC College of Technology
Kanchikacherla, NTR Dist
Andhra Pradesh, India - 521180



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: dvrhima@mictech.ac.in, Website: www.mictech.ac.in



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
A REPORT ON TRAINING PROGRAMME ON JAVA PROGRAMMING

Date: 02.03.21

Academic Year: 2020-21

Event Type : PLACEMENT TRAINING PROGRAMME
Date / Duration : 01.02.2021 to 01.03.2021
Resource Person From : Byte XL India Private Ltd,
Software Company, Hyderabad
Name of Coordinator : Mr .K.Veeanand
Assistant Professor, Training & Placement Coordinator
Department of ECE

Target Audience: B. Tech III YEAR students

Total No of Participants: 60

Description:

The Comprehensive Training Program for JAVA Programming for Placements was designed to equip participants with the essential skills and knowledge required to excel in technical interviews and secure placements in top-tier companies. This intensive program covers the fundamental concepts of Java and C programming languages, focusing on both theoretical understanding and practical application.

Key Objectives:

Mastery of Core Concepts: Develop a strong foundation in Java and C programming, covering topics such as variables, data types, operators, control structures, loops, functions, pointers, memory management, and more.

Problem-Solving Skills: Sharpen participants' ability to solve complex programming problems using Java and C. Emphasis will be placed on algorithmic thinking and efficient coding practices.

Hands-on Practice: Provide extensive hands-on coding exercises, assignments, and projects to reinforce theoretical concepts and enhance practical coding skills.

Interview Preparation: Offer guidance on common interview questions, coding challenges, and strategies for technical interviews conducted by top companies.

Real-world Applications: Demonstrate the application of Java and C in real-world scenarios, such as system-level programming, data structures, and object-oriented programming.


PRINCIPAL
DVR & Dr HS MIC College of Technology
Kanchikacherla, NTR Dt
Andhra Pradesh, India - 521180



MIC College of Technology

Approved by AICTE & Permanently Affiliated to JNTUK, Kakati

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

Phone: 08678 - 273533, 273623 Fax: 08678 - 273569

e-mail: mic@mictech.ac.in Website: www.mictech.ac.in



Code Optimization: Teach techniques for writing optimized and efficient code to improve program performance.

Course Structure:

Week 1: Introduction to Programming and Java

Introduction to programming concepts

Java syntax and fundamentals

Variables, data types, and operators

Control statements and loops

Methods and functions

Object-oriented programming (OOP) concepts

Week 2: Advanced Java Programming

Inheritance, polymorphism, and encapsulation

Exception handling

File handling

Introduction to data structures in Java

Introduction to GUI programming (Swing or Java FX)

Week 3: C Programming and Problem Solving

Introduction to C programming

Data types, operators, and expressions in C

Control structures and loops in C

Functions and pointers in C

Memory management and dynamic memory allocation

Introduction to algorithms and problem-solving techniques

Week 4: Advanced C Programming and Interview Prep

File handling and manipulation in C

Data structures in C (arrays, linked lists, stacks, queues)

Algorithm design and analysis

Common coding interview questions and techniques

Mock technical interviews and feedback

Additional Features:

Live Coding Sessions: Interactive coding sessions with instructors to solve problems in real-time.


PRINCIPAL
DVR & Dr HS MIC College of Technology
Kanchikacherla, NTR Dt
Andhra Pradesh, India - 521180



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: dvhmic@mictech.ac.in, Website: www.mictech.ac.in



Q&A and Doubt Resolution: Regular Q&A sessions to address participants' doubts and queries.

Online Coding Platforms: Introduce participants to popular coding platforms like Leet Code, Hacker Rank, and Code forces for further practice.

Certificate of Completion: Provide participants with a certificate upon successfully finishing the program.

Benefits:

- Strong foundation in Java and C programming languages.
- Improved problem-solving skills and algorithmic thinking.
- Enhanced coding efficiency and optimization techniques.
- Confidently tackle technical interviews for placements.
- Access to a supportive learning community and expert instructors.


Photographs:




Signature of Coordinator


Signature of HOD


Signature of Principal


Principal
DVR & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dt.
Andhra Pradesh, India - 521180

TOPICS COVERED

1. INTRODUCTION
2. PYTHON DSA
3. BIT MAGIC
4. LISTS
5. RECURSION
6. SEARCHING
7. SORTING
8. HASHING
9. STRINGS
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20. TRIE



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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 - dvh@micr.ac.in, Website - www.micr.ac.in



TRAINING AND PLACEMENT CELL

TRAINING PROGRAME ON JAVA PROGRAMME

RESOURCE PERSON FROM

BYTE XL India Private Limited

Software Company

Hyderabad, Telangana

byte XL

Department Coordinators

Ms. K Vinaya Sri Bai (CSE & IT)

Mr. K Veenanand (ECE)

Mrs. D. Divya (MECH)

Mr. M. Tharun (EEE)

Mr. A.V.V Sai Ram (CIVIL)

Principal

Dr.K.Srinivas M.Tech, PhD

01-02-2021 to 01-03-2021

**REGISTRATION
FREE**



PRINCIPAL

DVR & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dist
Andhra Pradesh, India - 521180



Devendra 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@micttech.ac.in, Website: www.micttech.ac.in



DEPARTMENT: Training and Placement

DATE: 20-01-2021

ACADEMIC YEAR: 2020-21

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

All the HOD's, staff and students are hereby informed that the training and placement section is conducting technical training classes on **JAVA PROGRAMMING** for III B.Tech(CSE,ECE & IT, MECH, CIVIL, EEE) student's from 01.02.21 to 01.03.21. The training schedule is as follows.

Training schedule:

Timings: 9.15 AM to 12.30 PM (Forenoon)

1.15 PM to 4.30 PM (Afternoon)

Venues:

CSE Seminar Hall	CSE & ECE Batch 1
ECE Seminar Hall	CSE & ECE Batch 2
EEE Seminar Hall	IT, MECH, CIVIL, EEE

HODs are hereby informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dt
Andhra Pradesh, India - 521180



Devineer 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@micttech.ac.in, Website: www.micttech.ac.in

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B.Tech (CSE/ECE/ME)

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NAAC
With Grade **A**

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
A REPORT ON TRAINING PROGRAMME ON JAVA PROGRAMMING

Date: 02.03.21

Academic Year: 2020-21

Event Type : **PLACEMENT TRAINING PROGRAMME**
Date / Duration : **01.02.2021 to 01.03.2021**
Resource Person From : **Byte XL India Private Ltd,**
Software Company, Hyderabad
Name of Coordinator : **Mr .K.Veenanand**
Assistant Professor, Training & Placement Coordinator
Department of ECE

Target Audience: B. Tech III YEAR students

Total No of Participants: 50

Description:

The Comprehensive Training Program for JAVA Programming for Placements was designed to equip participants with the essential skills and knowledge required to excel in technical interviews and secure placements in top-tier companies. This intensive program covers the fundamental concepts of Java and C programming languages, focusing on both theoretical understanding and practical application.

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Problem-Solving Skills: Sharpen participants' ability to solve complex programming problems using Java and C. Emphasis will be placed on algorithmic thinking and efficient coding practices.

Hands-on Practice: Provide extensive hands-on coding exercises, assignments, and projects to reinforce theoretical concepts and enhance practical coding skills.

Interview Preparation: Offer guidance on common interview questions, coding challenges, and strategies for technical interviews conducted by top companies.

Real-world Applications: Demonstrate the application of Java and C in real-world scenarios, such as system-level programming, data structures, and object-oriented programming.


PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, NTR Dt.
Andhra Pradesh, India - 521180



Devdutt Venkata Ramana & Dr. Himma Sekhar
MIC College of Technology
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacharla - 521180, Krishna Dist., A.P., India
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Data structures in C (arrays, linked lists, stacks, queues)

Algorithm design and analysis

Common coding interview questions and techniques

Mock technical interviews and feedback

Additional Features:

Live Coding Sessions: Interactive coding sessions with instructors to solve problems in real-time.


PRINCIPAL
DVR & Dr. HS MIC College of Technology,
Kanchikacharla, N.T.R. Dist.
Andhra Pradesh, India - Ph: 821180



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

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

Kanchikacherla - 521100, Krishna Dist. A.P, India

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

e-mail: divbhomin@mictech.ac.in, Website: www.mictech.ac.in



Q&A and Doubt Resolution: Regular Q&A sessions to address participants' doubts and queries.

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Benefits:

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- Confidently tackle technical interviews for placements.
- Access to a supportive learning community and expert instructors.

Photographs:




Signature of Coordinator


Signature of HOD


Signature Of Principal


PRINCIPAL
Devineni Venkata Ramana & Dr.Hima Sekhar
Kanchikacherla, Krishna Dist. A.P, India - 521100