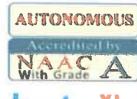




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CERTIFICATE

OF PARTICIPATION

Presented to:

Lakshmi Kumar CH

has participated in Data Structures with Python Training Program held from 28-11-2022 to 21-12-2022 organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Coordinator

Head Of Department

JVR & Dr. HS MIC College of Technology

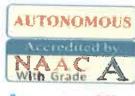




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CERTIFICATE

OF PARTICIPATION

Presented to:

Akula Srihari

has participated in **Data Structures with Python** Training
Program held from **28-11-2022** to **21-12-2022**organized by Training and Placement Cell, DVR & Dr. HS MIC
COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration
with Byte XL India Private Limited, a leading Software Company
based in Hyderabad.

D. Limya Coordinator

Head Of Department

PRINGFIRAL S. MIC College of I

VR & Dr. HS MIC College of Technolog Kanchikacheria, N.T.R. Dt.

Andhra Pradash, India - Piny 591180





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Email: office@micrech.ac.in. Website: www.micrech.edu.in



CERTIFICATE

OF PARTICIPATION

Presented to:

Bandi Siril

has participated in **Data Structures with Python** Training
Program held from **28-11-2022** to **21-12-2022**organized by Training and Placement Cell, DVR & Dr. HS MIC
COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration
with Byte XL India Private Limited, a leading Software Company
based in Hyderabad.

D.Dinya Coordinator

Head Of Department

Kanchikacherla, N.T.R. Dt.

Andhra Pradesh, India – Pin: 521189

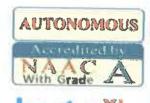




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CERTIFICATE

OF PARTICIPATION

Presented to:

Boddani Jayanth

has participated in **Data Structures with Python** Training
Program held from **28-11-2022** to **21-12-2022**organized by Training and Placement Cell, DVR & Dr. HS MIC
COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration
with Byte XL India Private Limited, a leading Software Company
based in Hyderabad.

D.Dwya
Coordinator

Head Of Department

Principal

Kanchikacherla, N.T.R. Dt. Andhra Pradesh, India – Pin: 521180





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CERTIFICATE

OF PARTICIPATION

Presented to:

Boliyasetti Hemanth Kumar

has participated in Data Structures with Python Training Program held from 28-11-2022 to 21-12-2022 organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Coordinator

Head Of Department



DVR & Dr. HS College of Technology

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DEPARTMENT: Training and Placement

DATE: 25-11-2022

ACADEMIC YEAR: 2022-23

ORIGINATOR	Principal
CIRCULATED TO	HODs, Faculty and II B. Tech (CSE,ECE,IT,MECH,CIVIL,EEE,AIML,AIDS Students - All Departments

Training Programme

All the HOD's, staff and students are here by informed that the training and placement section is conducting training classes on Data Structures with python for II B. Tech (CSE, ECE, IT, MECH, CIVIL, EEE, AIML, AIDS) student's from 28.11.22 to 21.12.22. The training schedule is as follows.

Training schedule:

Timings: 9.15AM to 12.30PM (Forenoon)

1.15 PM to 4.30PM (Afternoon)

Venues:

CSE Seminar Hall	CSE&ECE Batch1
ECE Seminar Hall	CSE&ECE Batch2
EEE Seminar Hall	IT, MECH, CIVIL, EEE
Room no: 1108	AIDS, AIMI,

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

AIDS, AIML

Principal



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E mail: offico@mictech.ac.in, Website: www.mictuch.edu.in



Name of the Event: Placement Training Programme

Department: Mechanical engineering

Date: 22-12-2022

Academic Year: 2022-23

Topic: Data Structures with Python

Date of the Event: 28-11-2022 TO 21-12-2022

Resource Person From: ByteXL India Pvt. Ltd, Hyderabad.

Name of the coordinator: D. Divya

Asst Professor, Training & Placement Coordinator

Department of ME

Target Audience: B. Tech ME II YEAR students

Total no of Participants: 51

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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Description:

Syllabus for DATA STRUCTURES with Python

Topic	Sub Topic	
Python for DS	Revision of Python and Problems on arrays	
ASYMTOTIC 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 Lik (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	
ł	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	
TREES	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	
JAMI 115	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 Sorting Linear Search And Binary Search Bubble Selection Insertion, Quick, Merge, Heap, Radix	
OYNAMIC 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	

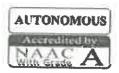


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GREEDY ALGORITHMS

Introduction to Greedy algorithms, Activity Selection problem, Fractional Knapsack and Problems on Greedy algorithms

Principal



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DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAMME ON DATA STRUCTURE WITH PYTHON

Attendance Report

Date: 23-12-2022

A.Y:2022-23

The following list of II B.Tech III Semester (ME) students were attended training programme on DATA STRUCTURE WITH PYTHON from 28-11-2022 TO 21-12-2022 organized by Training & Placement Cell in association with Byte XL India Private Ltd. Software Company, Hyderabad.

S.No	H.T No	Name of the student	Signature
1	21H71A0301	Lakshmi Kumar CH	
2	22H75A0301	Akula Srihari	Larshmi gum
3	22H75A0302	Badineni Anjanevulu	A Souhopy
4	22H75A0303	Bandi Siril	B-Anjaneruh
5	22H75A0304	Boddani Jayanth	(vn
6	22H75A0305	Boliyasetti Hemanth Kumar	Sayanth B
7	22H75A0306	Bugata Thirupathi Rao	Hemanth Cum
8	22H75A0307	Chadalavada Anil	Thompatte fora
9	22H75A0308	Chalamala Venkata Narendra Kumar	Ch. Ventes
10	22H75A0309	Challa Ajay	The state of the s
11	22H75A0310	Chatrasupalli Tejadeepthi Babu	-tgam an
12	22H75A0312	Derangula Ganesh	Badelin B.
13	22H75A0313	Eede Mahesh Babu	G W
14	22H75A0314	Gaddala Gopaiah	E MANSING
15	22H75A0315	Gajja Durga Prasad	To all properties
16	22H75A0316	Gandham Sai Sujith	arandham.
17	22H75A0317	Geddamuri Sai Chakri	s Albah
18	22H75A0318	Gummulla Sai Raju	2 a chaken
19	22H75A0319	Gurram Sai Ram	800 00 TO
20	22H75A0320	Haribandla Hithesh Chandra	Bal Ram G
21	22H75A0321	Ichapuram Durga Prasad	mileshich
22	22H75A0322	Inampudi Venkat	Noungape
23	22H75A0323	Jalumuru Mahesh	MI
24	22H75A0324	Kallepalli Vamsi Krishnam Raju	Variable of
25	22H75A0325	Kambala Vasu Babu	Roth. K.
.6	22H75A0326	Kandregula Sai Sampath	9
7	22H75A0327	Karthik Jakku	
8	22H75A0328	Karupati Gousick	J. KODHALE
9	22H75A0329	Kolupuri Sivakumar	8000
0	22H75A0330	Konatham Seshagiri Reddy	Tructe umas
1	22H75A0331	Mogasati Sandeep Raju	K Staring P



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E mad: office@mictach.ac.in, Website: www.mictach.ac.in



32	22H75A0332	Munjeti Koteswararao	Kole & Dorollico
33	22H75A0333	Nadakuduru Ramaswamiraja	D. Bank on hair
34	22H75A0334	Nalukurthi Dileep Babu	Alem
35	22H75A0335	Pagadala Ramakrishna	h and lower h
36	22H75A0336	Patan Baji	TO NOTE OF THE
37	22H75A0337	Pothabathina Gopi Krishna	Cagredia A
38	22H75A0338	Pothabathina Siva Prasad	Supplied D
39	22H75A0339	Pothuraju Swarna Raj Kumar	P. Salamente
40	22H75A0340	Pujari Santhosh	San-Hash
41	22H75A0341	Ramisetti Sidhardha	Sall-lack
42	22H75A0342	Ramisetty Gowtham	Sid heavine
43	22H75A0343	Sanikommu Yaswanth	Column 1
44	22H75A0344	Shaik John Basha	alan min
45	22H75A0345	Sudhula Hemanth Kumar	Sant Gaga
46	22H75A0346	Sunkara Bharath Kumar	Harris De
47	22H75A0347	Tallaputta Chandu	Knaoph.
48	22H75A0348	Thalluri Siva Naga Subramanyam	Chamble
49	22H75A0349	Velisetti Poorna Venkat	20 pasmounted
50	22H75A0350	Yerrapaneni Madhav	Mitoopro
51	22H75A0351	Boyapati Lakshman Rao	R Letoshamanap

Signature of Coordinator

Signature of HOD

Signature of Principal



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E mail; office@mictech.ac.in, Website; www.mictech.edu.in



Certáfácate

Of Participation

Lakshmi Kumar CH

has participated in Java and C with Data Structures Training Program held from 12-04-2023 to 06-05-2023

organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

Head of Department

Dr. T. VAMSPAPICADAME, Ph.D.
PRINCIPAL

DVR & Dr.HS MIC College of Technology



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Certáfácate

Of Participation

Akula Srihari

has participated in Java and C with Data Structures Training Program held from 12-04-2023 to 06-05-2023

organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

Head of Department DVR & Dr.HS MIC Control of the Kanchington



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Certáfácate

Of Participation

Badineni Anjaneyulu

has participated in Java and C with Data Structures Training Program held from 12-04-2023 to 06-05-2023

organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

Head of Department

Dr. T. VAMBEINCIPAL

Kanchikacheria N.T.R. De



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Certáfácate

Of Participation

Bandi Siril

has participated in Java and C with Data Structures Training Program held from 12-04-2023 to 06-05-2023

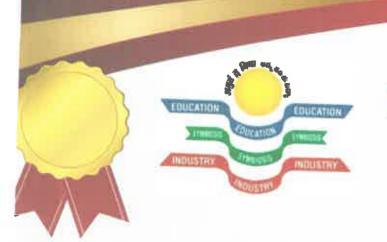
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Program Coordinator

Head of Department

Dr. T. VAMBRIDGIRALW ME PRO
PRINCIPAL

DVR & Dr.HS MIC College of Technology
Kapohikasheda N.T.R. O



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E mail: office@mictech.ac.in, Website: www.mictech.edu.in



Certáfácate

Of Participation

Boddani Jayanth

has participated in Java and C with Data Structures Training Program held from 12-04-2023 to 06-05-2023

organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

Head of Department





DVR & Dr. HS MIC College of Technology

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Pliones (28678 - 273535 - 34014 57709 - 73826 16824
E-mail officesomicpediae in Website wave mistreli ede in



DEPARTMENT: Training and Placement

DATE: 10-04-2023 ACADEMIC YEAR: 2022-23

ORIGINATOR	Principal
CIRCULATED TO	HODs, Faculty and II B: Tech (CSE, ECE, IT, MECH, CIVIL, EEE, AIML,
	AIDS) Students - All Departments

Training Programme

All the HOD's, staff and students are here by informed that the training and placement section is conducting technical training classes on Java and C with DS Training for II B. Tech (CSE,ECE,IT,MECH,CIVIL,EEE,AIML,AIDS) student's from 12.4.23 to 06.05.23. The training schedule is as follows.

Training schedule:

Timings: 9.15AM to 12.30 PM (Forenoon)

1.15 PM to 4.30 PM (Afternoon)

Venues:

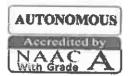
CSE Seminar Hall ECE Seminar Hall EEE Seminar Hall	CSE&ECE Batch1 CSE&ECE Batch2 IT, MECH, CIVIL, EEE
Room No: 1108	AIDS, AIML

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

Principal



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A Report on Training Programme "JAVA & C with DS"

Date: 08.05.23

Academic Year: 2022-23

Name of the Event

: Placement Training Programme

Department

: Mechanical engineering

Topic

: JAVA & C with DS

Dates of the Event

: 12.4.23 to 06.05.23

Resource Person From

: BYTEXL India Pvt Ltd, Hyderabad.

Name of the coordinator

: D. Divya

Asst Professor, Training & Placement Coordinator

Dept. of ME

Target Audience

: B. Tech ME branch students

Total no of Participants

: 51

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, JAVA AND DS programs for the

given scenario.

	DVR & Dr. HS MIC College of Technology	
	15 HOURS Plan for C-Language	Hours
DAY 1	INTRODUCTION TO C & DATA TYPES, Operators & CONDITIONAL STATEMENTS	3
DAY 2	LOOPS, JUMPING STATEMENTS and BASICS OF POINTERS	3
DAY 3	Pointers and FUNCTIONS, FUNCTIONS and STORAGE CLASES, Introduction to arrays, ARRAYS & DMA, INTRODUCTION TO STRINGS	3
DAY 4	STRINGS STRUTURS, ENUMERATORS, TYPEDEF, FILES & PREPROCESSOR DIRECTIVES,	3

DVR & Dr. HS MIC College of Technology

Syllabus for DATA STRUCTURES with Python(25Hrs)

Topic	Contents	
Python for DS	Revision of Python and Problems on arrays	
ASYMTOTIC 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	
I DIVID I IOTO	Introduction About Linked Lists, All Types(Single) And Its Operations	
LINKED LISTS	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)	
Introduction To Queue And Its Operations And Applications, QUEUES Linked List And As Array. Types Of Queue and Circular Queue., Priority Queue, Deque, Implementation Using Stacks, Queue Programs		
	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	
TREES	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, pre Order), 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	
OKAI IIS	Traversals(Bfs And Dfs) Cycle Detection In Graphs Programs, minimum spanning tree (kruskal's and Prim's algorithm)	
Implementation of Heaps, Binary Heap, Applications of hashing HEAPS & HASHING Discussion on Direct Address Table, Collision handling, Problementation of Heaps and Hashing		
SEARCHING AND SORTINGS	Introduction To Searching And Sortings Linear Search And Binary Search Bubble Selection Insertion, Quick, Merge, Heap, Radix	
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

Programme Coordinators

HOD

Principal



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E mail: office@mictach.sc.in, Website: www.mictach.edu.in



DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAMME ON JAVA AND C WITH DATA STRUCTURE

Attendance Report

Date: 07-05-2023

A.Y:2022-23

The following list of II B.Tech IV Semester (ME) students were attended training programme on JAVA & C WITH DATA STRUCTURE from 12-04-2023 TO 06-05-2023 organized by Department of Mechanical engineering in association with Byte XL India Private Ltd. Software Company, Hyderabad.

S.No	H.T No	Name of the student	Signature
1	21H71A0301	Lakshmi Kumar CH	
2	22H75A0301	Akula Srihari	Jakshmitimes (
3	22H75A0302	Badineni Anjaneyulu	A sonhati
4	22H75A0303	Bandi Siril	B. Anganezum
5	22H75A0304	Boddani Jayanth	Say B
6	22H75A0305	Bolivasetti Hemanth Kumar	B. Jayanth
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50	22H75A0350	Yerrapaneni Madhav	10 properties
51	22H75A0351	Boyapati Lakshman Rao	medias d

Signature of Coordinator

Signature of HOD

Signature of Principal

DVR & Dr. HS MIC College of Technology AUTONOMOU'S (Approved by AICTE & Permanently Affiliated to JNTUK. Kakinada)

Tei.No: 08678-273535/9491457799/7382616824



Feedback Form

Course Name: Data Structures with python,

Duration of the Course: 20 days

(Please do not write your name. You are free to respond objectively)

1. Please give your comments on the usefulness of the Workshop/guest Lecture/Seminar.

Good to use.

2. Please give your comments on the process/methods during the program.

good to leasn but some difficulty

3. What input areas were most useful to you ("which you have learnt/experienced during the programme)?

Every tool 45 uses Forendly

4. In what input areas would you prefer to have further training?

Jours, cloud Compubly

5. Further Comments (if any)

ND



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Adarsh K

has participated in JAVA & C Training Program held from 06-02-2023 to 04-03-2023 organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

RO

Head of Department

4 -

Dr. K. SREMINGED M. Tech., Ph.D (JNTUH)
PRINCIPAL

BVR & Dr. HS MIC College of Technology Kanchikacheria, Krishna Dt.

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Ankasena Reddy D

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Program Coordinator

RD

Head of Department

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Bhaskar Reddy S

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Program Coordinator

RD

Head of Department

4-

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CERTIFICATE

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Deevena Krupanand P

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Program Coordinator



Head of Department

A

Principal PRINCIPAL ATT

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Andhra Pradesh, India - Pin: 521180

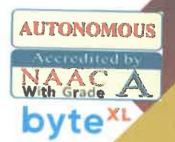


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Dola Hari Y'

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Program Coordinator

RO

Head of Department

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DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAMME ON JAVA AND C

Attendance Report

Date: 06-03-2023

A.Y:2022-23

The following list of III B.Tech VI Semester (ME) students were attended training programme on JAVA AND C from 06-02-2023 TO 04-03-2023 organized by Training and Placement Cell in association with Byte XL India Private Ltd. Software Company, Hyderabad.

S.No	H.T No	Name of the student	Signature
1	20H71A0301	Adarsh K	The second secon
2	20H71A0302	Ankasena Reddy D	Adarshe.
3	20H71A0303	Bhaskar Reddy S	Dokast of
4	20H71A0304	Deevena Krupanand P	Bhaskas le
5	20H71A0305	Dola Hari Y	Dearland Com
6	20H71A0306	Ganesh Kumar N	110 180-19
7	20H71A0307	H.C.Madhusudhan Rao Y	W. dorbo
8	20H71A0308	Krishna Reddy B	James il gar Ila
9	20H71A0309	Krishna Reddy K	KWILLIAM Hand
10	20H71A0310	Leela Krishna S	- man test
11	20H71A0311	Lokesh N	46 Mure
12	20H71A0313	Manoj P	LOKE SH. W
13	20H71A0314	Mohith T	200 Janos (D.
14	20H71A0315	Naga Sai Reddy M	NO AND A
15	20H71A0316	Naga Srinu T	May Steel
16	20H71A0317	Najeer Basha Sk	Mas town.
17	20H71A0318	Naveen Kumar M	House days
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25	20H71A0326	M.Ganesh	Verkote Souls
26	21H75A0353	Saisiddhardhavarma Lanke	- Famery
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30	21H75A0358	Sreekanth Naik Megavathu	die went -an
31	21H75A0359	Surendra Kumar Vegireddy	No No No
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33	21H75A0362	Svam Prasad Nami	10 - 1-1
34	21H75A0363		Chombashal N
35	21H75A0365		Jasen P
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40	21H75A0370	Venkat Naga Raj Kumar N	D. vann'
41	21H75A0371	Venkata Naveen Kumar P	BV Ventas Ri
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48	21H75A0377	Vivek Tadepalli	Check Aniepoll: a
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50	21H75A0302	Anil Kumar Sana	Santona
51	21H75A0303	Aravind Kumar Gurram	G. Agurera Kuma
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58	21H75A0311	Devendra Kumar Gorantla	Davendon Vundo
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63	21H75A0317	Hari Gopal Nimmagadda	N. Harris
64	21H75A0318	Hema Charan Anagani	lamo al onorce
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79	21H75A0333	Manikanta Loya	
80	21H75A0334	Mohammad Apsar Shaik	1 - Maritonio
81	21H75A0335	Murali Thippana	Sh. Appaix
82	21H75A0336	N Pothu Raju J	T. Mulali
83	21H75A0337	Naga Gopi Krishna Maganti	Pother pri. N
84	21H75A0338	Nanda Mohan Devineni	Som Khone 10
85	21H75A0339	Nazim Sayyed	ander
86	21H75A0340	Praveen Ganji	Nazim Sd
87	21H75A0341	Prudhviraj Pothanapalli	S. provoch
88	21H75A0342	Radhakrishna Kunuku	13. Dondhapa
89	21H75A0343	Raghu Lakshmana Sai Kumar K	Pacheleroi tha
90	21H75A0344	Raj Kumar Bodigadla	Refuse
91	21H75A0345	Rama Krishna Burre	the
92	21H75A0346	Ramakrishna Thimmasarthi	Rome Koulhina
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94	21H75A0348	Rathna Raju Konka	K. Balton
95	21H75A0349	Raviteja Butti	Rain
96	21H75A0350	Sai Kiran Mulagada	B. Paul teice
97	21H75A0351	Sai Mohan Ande	Sai Gran M.
98	21H75A0352	Saikumar Perivi	Saimphan A
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Signature of Coordinator

Signature of HOD

Signature of Principal



DVR & Dr. HS MIC College of Technology

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DEPARTMENT: Training and Placement

DATE: 04-02-2023

ACADEMIC YEAR: 2022-23

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

All the HOD's, staff and students are here by informed that the training and placement section is conducting technical training classes on JAVA and C for III B.Tech (CSE, ECE & IT, MECH, CIVIL, EEE) student's from 06.02.23 to 04.03.23. 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 FEE

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

Principal



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DEPARTMENT OF MECHANICAL ENGINEERING A REPORT ON TRAINING PROGRAMME ON JAVA: & C

Date: 06.03.23

Academic Year: 2022-23

Event Type

: PLACEMENT TRAINING PROGRAMME

Date / Duration

: 06.02.2023 to 04.03.2023

Resource Person From

: Byte XL India Private Ltd,

Software Company, Hyderabad

Name of Coordinator

: D. Divya

Assistant Professor, Training & Placement Coordinator

Department of ME

Target Audience: B. Tech III YEAR students

Total No of Participants: 98

Description:

The Comprehensive Training Program for Java & C 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.

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



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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.

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 LeetCode,

HackerRank, and Codeforces for further practice.



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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.

Programme Cordinator

HOD

Principal



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CERTIFICATE

OF PARTICIPATION

Adarsh K

has participated in Python Training Program held from 12-09-2022 to 01-10-2022 organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

ND)

Head of Department

Principal

PRINCIPAL PRINCIPAL OF TECHNOLOGY

Kanchikanhada VTP Dt.



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Ankasena Reddy D

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D.Dinya

Program

Coordinator

Head of

Head of Department

Principal PRINCIPAL

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Andhra Pradesh, India - Pin: 521180



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Bhaskar Reddy S

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D. Dinya

Program Coordinator DO

Head of Department

Principal

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OF PARTICIPATION

Deevena Krupanand P

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D. Dinya

Coordinator

Head of Department

Principal

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



CERTIFICATE

OF PARTICIPATION

Dola Hari Y

has participated in Python Training Program held from 12-09-2022 to 01-10-2022 organized by Training and Placement Cell, DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla in collaboration with Byte XL India Private Limited, a leading Software Company based in Hyderabad.

Program Coordinator

(P)

Head of Department

Principal
PRINCIPAL
PRINCIPAL
PRINCIPAL
Kanchikacheria, N.T.A. Dt.



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DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAMME ON PYTHON PROGRAMMING

Attendance Report

Date: 03-10-2022

A.Y:2022-23

The following list of III B. Tech V Semester (ME) students were attended training programme on PYTHON PROGRAMMING from 12-09-2022 TO 01-10-2022 organized by Training & Placement Cell in collaboration with Byte XL India Private Ltd. Software Company, Hyderabad.

S.No	H.T No	Name of the student	
1	20H71A0301	Adarsh K	Signature
2	20H71A0302	Ankasena Reddy D	- Andenu
3	20H71A0303	Bhaskar Reddy S	D. Motasener
4	20H71A0304	Deevena Krupanand P	S. Blosted
5	20H71A0305	Dola Hari Y	Deene 45 mg
6	20H71A0306	Ganesh Kumar N	y Hain
7	20H71A0307	H.C.Madhusudhan Rao Y	N. Granesh K
8	20H71A0308	Krishna Reddy B	madhugudhent
9	20H71A0309	Krishna Reddy K	Woshare who
10	20H71A0310	Leela Krishna S	K. K. S. Thre B
11	20H71A0311	Lokesh N	S. Leole, KOX
12	20H71A0313	Manoj P	MyLorsesh
13	20H71A0314	Mohith T	D Japan
14	20H71A0315	Naga Sai Reddy M	Memory J
15	20H71A0316	Naga Srinu T	Son dealing
16	20H71A0317	Najeer Basha Sk	Maga Shinu
17	20H71A0318	Naveen Kumar M	Mayles Berge
18	20H71A0319	Prudhvi Rajesh Y	Men
19	20H71A0320	Rakesh Ch	Ponton
20	20H71A0321	Sai Preetham S	Farian
21	20H71A0322	Sai Ram M	poor the h
2	20H71A0323	Sri Ram S	fri Peron
3	20H71A0324	Vamsi B	Vand B.
4	20H71A0325	Venkatasai G	VEDTER SING
5	20H71A0326	M.Ganesh	Mr. Bareth -
6	21H75A0353	Saisiddhardhavarma Lanke	to sociale
7	21H75A0354	Saiteja Chitla	sailera
8	21H75A0355	Samyel Raju Batthula	Samuel
9	21H75A0357	Siva Manikanta Pasupuleti	Jue -
)	21H75A0358	Sreekanth Naik Megavathu	South New Yo
	21H75A0359	Surendra Kumar Vegireddy	Joel sim on
	21H75A0360	Suvarchala Devi K	Intended
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	21H75A0302	Suit	A
50	21H75A0303	Aravind Kumar Gurram	GOLLONG.
51	21H75A0304	Arun Kumar Daggumati	D WINGS
52	21H75A0305	Bala Murali Krishna Kanakala	D funda
53	21H75A0307	Bhargay Ram Boosi	tan war
54	21H75A0308	Bhargava Krishna P	Rhoganth
55	21H75A0309	Charan Mikkili	M. Showing
56	21H75A0310	Chethan Karthik Mekala	Farlite M
57	21H75A0311	Devendra Kumar Gorantla	G: Dec cranch
58	21H75A0312	Dola Venkata Ramana Prasadula	Damnosa una
59	21H75A0313	Durga Prasad Chennuboina	Dola Venkake
60	21H75A0314	Gowri Shankar Varma Nadakuditi	Dunga pound. 4.
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65	21H75A0319	Hema Charan Anagani	Hengelarian A.
66	21H75A0320	Hemanth P	Homo
67	21H75A0321	Hemanthkumar Gorrela	& Hemanh Kumar
68	21H75A0321	Hussain Saheb Shaik	HIM ST HANDING
69	21H75A0323	Jagadesh Patnala	Tagados D
70	21H75A0324	Java Rajesh Menti	Dr. est
71		Jyotheswar Baddireddy	June
72	21H75A0325	Jyothi Babu Davu	That of
73	21H75A0326	Kamesh Pusaria	Kamel Below D.
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	21H75A0328	Kiran Jarugu	t Kantinn
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6	21H75A0330	Kranthi Kumar Billingi	HOUNT TON IN
7	21H75A0331	M R Kasturi Rangan	#OSAN B.
8		Madan Singh Kshatri	MY P-NETON



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79	21H75A0333	Manikanta Loya	
80	21H75A0334	Mohammad Apsar Shaik	2 Mahil ante
81	21H75A0335	Murali Thippana	Ay Consk
82	21H75A0336	N Pothu Raju J	J. Murali
83	21H75A0337	Naga Gopi Krishna Maganti	M. pothy ray in
84	21H75A0338	Nanda Mohan Devineni	Alexa Pro
85	21H75A0339	Nazim Sayyed	New Mohan
86	21H75A0340	Praveen Ganji	Nearin Sam
87	21H75A0341	Prudhviraj Pothanapalli	Drin. B
88	21H75A0342	Radhakrishna Kunuku	pruding p.
89	21H75A0343	Raghu Lakshmana Sai Kumar K	Raghaks ohner to
90	21H75A0344	Raj Kumar Bodigadia	Raghy Lax shrow &
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97	21H75A0351	Sai Kiran Mulagada	Sei 10 Joh a la
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Signature of Coordinator

Signature of HOD

Signature of Principal



DVR & Dr. HS MIC College of Technology

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DEPARTMENT: Training and Placement

Date: 8-09-2022

Academic Year: 2022-23

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

Training Programme

All the HOD's, staff and students are here by informed that the training and placement section is conducting technical training classes on python for III B.Tech (CSE, ECE, IT, MECH, CIVIL, EEE) student's from 12-09-22 to 1-10-22. 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
Seminar Hall
EEE Seminar Hall
CSE & ECE Batch 1ECE
CSE & ECE Batch 2
IT, MECH, CIVIL, EEE

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

Principal



MIC College of Technology

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Website: www.micrech.edu.in



DEPARTMENT OF MECHANICAL ENGINEERING

A REPORT ON TRAINING PROGRAMME ON PYTHON

Event Type

: PLACEMENT TRAINING PROGRAMME

Date / Duration

: 12/9/2022 TO 1/10/2022

Resource Person From

: Byte XL India Private Ltd,

Software Company, Hyderabad

Name of Coordinators

: D. Divya

Assistant Professor, Training & Placement Coordinator

Department of ME

Target Audience

: III B. Tech ME Students

Total no of Participants

: 98

Objective of the event

: The learning objectives of this course are:

- Develop a strong command of Python programming language, mastering its syntax, data structures, and core concepts.
- Acquire skills to efficiently solve real-world problems using Python, including algorithm design and implementation.
- Learn to build diverse applications, from web development and data analysis to automation, leveraging Python's versatility.
- Gain the ability to collaborate on projects, write clean and maintainable code, and contribute effectively to software development teams.

Topics covered

: Introduction to Python, Python Basics, Data Structures,

Functions, Object-Oriented Programming (OOP), Exception

Handling, File Handling, Modules and Packages, Python

Standard Library.

Outcome of event

: Students are familiar with

- A strong grasp of Python's syntax, data structures, and concepts.
- Ability to write clean and efficient code using best practices.

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- Capacity to analyze problems and design effective solutions using Python.
- Proficiency in implementing algorithms and logical reasoning.
- Competence in building a wide range of applications, from web development to data analysis, using Python.
- Ability to create interactive and functional software.
- Profound understanding of object-oriented programming principles.
- Capability to design and implement complex systems using OOP concepts.

Description / Report on Event : Training and Placement Cell organized PYTHON training for the benefit of III B. Tech ME students in association with ByteXL India Private Limited, Software Company, Hyderabad. The purpose of the Python programming is to equip participants with a comparative and practical understanding of the python programming language, enabling them to proficiently apply Python across various domains of software development and data analysis.

Feedback / Suggestions

: Students are participated in enthusiastic manner. Planned to organize every year.

Programme Coordinator

HOD

Principal

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Kanchikacheda-521180, NTR Dist. A.P. India.
Tcl.No : 08679-273335-9491457799-7383616824
Website : www.suistech.oriu.in



Feedback Form

Course Name: JAVA & C

Duration of the Course: 24 Aays

(Please do not write your name. You are free to respond objectively)

1. Please give your comments on the usefulness of the Workshop/guest Lecture/Seminar.

Good and Excellent

2. Please give your comments on the process/methods during the program.

Well teaching methods

What input areas were most useful to you ("which you have learnt/experienced during the programme)?

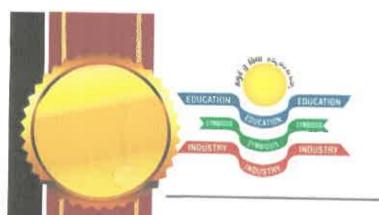
here of back six most says som

4. In what input areas would you prefer to have further training?

Amwilling to leaving on Python A Data Ston chives.

Further Comments (if any)

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CERTIFICATE

OF PARTICIPATION

Essak. CH

has participated in **Data Structures with Python & C** Training Program held from **22-08-2022** to **01-09-2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

D. Dinga

Coordinator

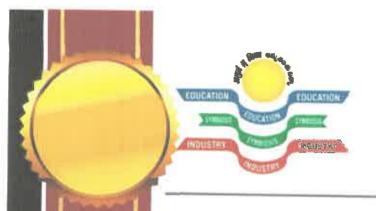
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Head of Department

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Principal PRINCIPAL A DI HS MIL CUITAGE VICTORIEN

Anribra Pradesh. India - Pin: 521180



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CERTIFICATE

OF PARTICIPATION

Ganesh. U

has participated in **Data Structures with Python & C** Training Program held from **22-08-2022** to **01-09-2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

D. Dings

Coordinator

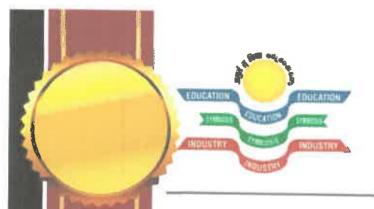
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Head of Department

-19

Principal

VR & Dr. HS MIC College of Technology Kenchikacherla, N.T.R. Dt.

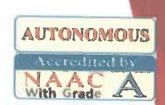


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CERTIFICATE

OF PARTICIPATION

Hari Krishna. Y

has participated in **Data Structures with Python & C** Training Program held from **22-08-2022** to **01-09-2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

D. Dinge

Coordinator

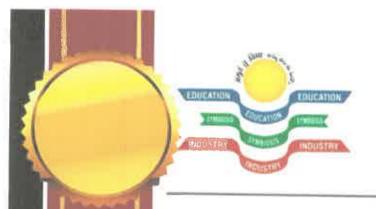
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Head of Department

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Principal PRINCIPAL

DVR & THE HS MIC College of Technolog

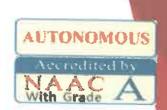


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CERTIFICATE

OF PARTICIPATION

Leelaprasad. T

has participated in **Data Structures with Python & C** Training Program held from **22-08-2022** to **01-09-2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

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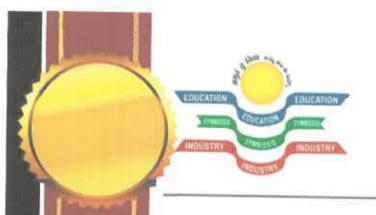
Coordinator

RO

Head of Department

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OVR & Dr. HS MIC College of Technolog Kanchikacherla, N.T.R. Dt. Andhra Pradesh, India – Pin: 521180

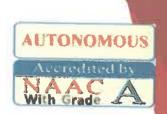


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CERTIFICATE

OF PARTICIPATION

Lohith. V

has participated in **Data Structures with Python & C** Training Program held from **22-08-2022** to **01-09-2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

D. Dinge

Coordinator

RB

Head of Department

Principal

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DVR & Dr. HS MIC College of Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAMME ON DATA STRUCTURES WITH PYTHON AND C

Attendance Report

Date: 02-09-2022

A.Y:2022-23

The following list of IV B.Tech VII Semester (ME) students were attended training programme on **DATA STRUCTURES WITH PYTHON & C** from 22-08-2022 to 01-09-2022 organized by Training and Placement Cell in association with ByteXL India Private Ltd., Software Company, Hyderabad, Telangana.

S.No	H.T No	Name of the student	Signature
1	19H71A0301	Essak, CH	Ch Englale
2	19H71A0302	Ganesh. U	Gan - Will
3	19H71A0303	Hari Krishna. Y	Hank pa Sha Al
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5	19H71A0305	Lohith, V	The state of the s
6	19H71A0306	Murali, D	Thurston D
7	19H71A0308	Sravankumar. M	San John Lakeron ha
8	19H71A0309	Surya Teja. P	CHANGE TO SE D
9	19H71A0310	Venkata Siva Rama Krishna. K	Santa Legis
10	19H71A0311	Vamsi Babu, B	Names Repub D
11	19H71A0312	Veera Maharshi Siva Ratna, K	Vern Maharshi K
12	19H71A0313	Venkata Anjaneya Prasad. A	A. Nenval Andane
13	20H75A0301	Abdul Shaheed, MD	that are and
14	20H75A0302	Akbar, SK	AKDOK SK.
15	20H75A0303	Amrutha Prem Sagar, T	Armoutha Poem Lagar T
16	20H75A0304	Gnana Deep. T	Smarage T
17	20H75A0305	Harish, R	HOW Ch. D
18	20H75A0306	Jeevan Kumar, N	TRO mukeum N
19	20H75A0307	Kartheek, A	Account the N
20	20H75A0308	Karthikeva, Y	Issaul The U
21	20H75A0309	Mahammad Rafi, SK	Ch in days
22	20H75A0310	Mahesh, B	Wil had b
23	20H75A0311	Mahesh Varun, K	Thanesh 13.
24	20H75A0312	Maneesh, V	carunina !
25	20H75A0313	Nagaraju. M	Of the man
26	20H75A0314	Naveen. K	11- 11- 11-
27	20H75A0315	Naveen Sagar, P	Norum P.
28	20H75A0316	Omkar. A	mila
29	20H75A0317	Prem Kumar, S	BC
30	20H75A0318	Raja. B	meanter o
31	20H75A0320	Ramesh, Y	Manage B.



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32	20H75A0321	Sanath. P	D C H
33	20H75A0322	PNSSKD Satya Swarup	P. Sanath
34	20H75A0323	Sri Muralinadh. V	IN S. S.K.D. Sunger
35	20H75A0324	Udaybhaskar, K	
36	20H75A0325	Venkatasai Niranjan. V	K. Udaya Py lv
37	20H75A0326	Venkatesh, K	Venrano K. K.
38	20H75A0327	Venkatesh. R	
39	20H75A0328	Venkateswara Rao, K	Ventertesh

Signature of Coordinator

Signature of HOD

Signature of Principal



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Department: Training and Placement

Date: 20-08-2022

Academic Year: 2022-23

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

Training Programme

All the HOD's, staff and students are here by informed that the training and placement cell is conducting technical training classes on DATA Structures with Python & C for IV B.Tech (CSE, ECE, IT, MECH, CIVIL, EEE) student's from 22-08-22 to 1-09-22. All the students should attend the training programme without fail. Attendance is mandatory.

Training schedule:

Timings: 9.15AM to 12.30PM (Forenoon)

1.15PM to 4.30PM (Afternoon)

Venues:

Hali	Session	Students
CSE Seminar Hall	Morning	CSE&ECE
ECE Seminar Hall	Afternoon	CSE&ECE
EEE Seminar Hall	Morning	IT, MECH,
EEE Seminar Hall	Afternoon	CIVIL, EEE

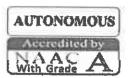
HODs are hereby informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

Principal



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DEPARTMENT OF MECHANICAL ENGINEERING

A REPORT ON TRAINING PROGRAMME ON DATA STRUCTURES WITH PYTHON & C

Event Type

: PLACEMENT TRAINING PROGRAMME

Date / Duration

: 22.08.22 to 1.09.22

Resource Person From

: Byte XL India Private Ltd.

Software Company, Hyderabad

Name of Coordinator

D. Divya

Assistant Professor, T & P Coordinator

Department of ME

Target Audience:

: IV B. Tech ME Students

Total no of Participants

: 39

Objective of the event

: The learning objectives of this course are:

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

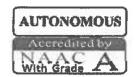
Course Objectives:.

- 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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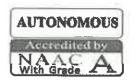
Syllabus for DATA STRUCTURES with Python

Topic	Sub Topic
Python for DS	Revision of Python and Problems on arrays
ASYMTOTIC 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
\	Introduction About Linked Lists, All Types(Single) And Its Operations
LINKED LISTS	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 Links As Array, Types Of Queues, Circular Queue, Priority Queue, Dequeue, Que Implementation	
	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
TREES	Tree Traversals (In order, Preorder, Post order, 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, pre Order), BST - deletion(all types), Traversals, all Standard Operations, BST Programs
CID A DIVIC	Introduction To Graphs And Its Applications Graph Terminologies And Types Of Graphs Graph Representation Using Adjacency List And Matrix
GRAPHS	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



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SEARCHING AND SORTINGS	Introduction To Searching And Sortings Linear Search And Binary Search Bubble Selection Insertion, Quick, Merge, Heap, Radix
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

C Programming

- Introduction to Programming
- Constants, Variables, and Data Types
- Managing Input and Output Operations
- Operators and Expressions
- Decision Making and Branching
- Decision Making and Looping
- Arrays
- Character Arrays and Strings
- Pointers
- User-defined Functions

Feedback / Suggestions

: Students are participated in enthusiastic manner. Planned to organize every year.

Programme Coordinator

HOD

Principal

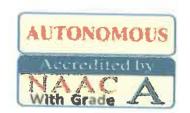
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CERTIFICATE

OF PARTICIPATION



Essak. CH

has participated in **Python** Training Programme held from **13-07-2022** to **06-08- 2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

Program Coordinator Head of

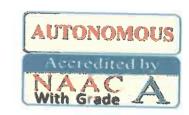
Head of Department

VR & Dr. HS Mile Cullege of Technolog Kanchikacherla, N.T.R. Dr. Andhra Pradesh, India



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CERTIFICATE

OF PARTICIPATION



Ganesh. U

has participated in **Python** Training Programme held from **13-07-2022** to **06-08- 2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

Program Coordinator Head of

Head of Department

Principal

VR & Dr. HS MIC College of Technology

Kanchikacheria, N.T.A. De



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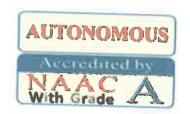
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OF PARTICIPATION



Hari Krishna. Y

has participated in **Python** Training Programme held from **13-07-2022** to **06-08- 2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

Program Coordinator RO

Head of Department

Kanchikacheria, N.T.R. Dt. Andhra Pradesh, India – Pin 52 180

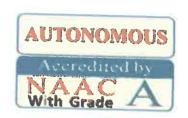


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CERTIFICATE

OF PARTICIPATION



Leelaprasad. T

has participated in **Python** Training Programme held from **13-07-2022** to **06-08- 2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

Program Coordinator

100

Head of Department

Principal
R & Dr. HS MIC College of Technolog
Kanchikacheria, N.T.F. Dr.

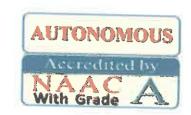


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OF PARTICIPATION



Lohith. V

has participated in **Python** Training Programme held from **13-07-2022** to **06-08- 2022** organized by Training and Placement Cell in association with Byte XL India Private Limited, Software Company, Hyderabad at DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY, Kanchikacherla.

Program Coordinator 18

Head of Department

VR & Dr. HS ME College of Technology Kanehikacherta, N.T.R. Br Andhra Pradesh, India – Physics and



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Department: Training and Placement

AcademicYear:2022-23

Date: 20-08-2022

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

Training Programme

programme without fail. Attendance is mandatory. IT, MECH, CIVIL, EEE) student's from 22-08-22 to 1-09-22. All the students should attend the training conducting technical training classes on DATA Structures with Python & C for IV B.Tech(CSE,ECE, All the HOD's, staff and studentsare here by informed that the training andplacement cell is

Training schedule:

Timings: 9.15AM to 12.30PM (Forencon)

1.15PM to 4.30PM (Afternoon)

Vennes:

EEESeminarHall	EEESeminarHall	ECE Seminar Hall	CSE Seminar Hall	Heli
Afternoon	Morning	Afternoon	Morning	Session
CIVIL, EEE	IT, MECH,	CSE&ECE	CSE&ECE	Students

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

Principal



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With Grade A

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DEPARTMENT OF MECHANICAL ENGINEERING

A REPORT ON TRAINING PROGRAMME ON PYTHON PROGRAMMING

Date:26/04/2021

Academic year:2020-21

Name of the Event: Python Training Programme

Date(s) of the Event: 29/03/2021 to 23/04/2021

Resource Person From: Byte XL India Pvt Ltd, Software Company, Telangana.

Name of the coordinator: Mrs. D.Divya

Assistant Professor, T & P Coordinator

Dept of ME

Target Audience: IV B. Tech Students

Total no of Participants: 54

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:

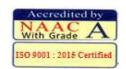
Python is a widely used general-purpose, high level programming language. It was created by Guido van Rossum in 1991 and further developed by the Python Software Foundation. It was designed with an emphasis on code readability, and its syntax allows programmers to express their concepts in fewer lines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



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used worldwide. Python programmers would be the most demandable in the future of IT industries

LEARNING OUTCOMES

which makes Python future brighter.

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	Python - a tool, not a reptile
Computer Programming	There is more than one Python
	Let's start our Python adventure
Module 2 - Data Types, Variables, Basic	Your first program
Input-Output Operations, Basic Operators	Python literals
	 Operators - data manipulation tools
	 Variables - data-shaped boxes
Module 3 - Boolean Values, Conditional	 Making decisions in Python
Execution, Loops, Lists and List	Python's loops
Processing, Logical and Bitwise Operations	 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
and Data Processing	 How functions communicate with their environment?
	Returning a result from a function
	Scopes in Python



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

- 1. Enhance the Aptitude Round Clearing ability in interview process
- 2. Solve the real-time problems for performing job functions easily
- 3. Interpret the concepts of LOGICAL REASONING Skills
- 4. Develop effective communication skills (spoken and written).

Feedback / Suggestions: Students are participated in enthusiastic manner.

Planned to organize every year.

HOD

Principal



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DEPARTMENT OF MECHANICAL ENGINEERING

TRAINING PROGRAMME ON PYTHON

Attendance Report

Date: 08-08-2022

A.Y:2022-23

The following list of IVB.Tech VII Semester (ME) students were attended training programme on **PYTHON** from 13-07-2022 TO 06-08-2022 organized by Training & Placement Cell in association with Byte XL India Private Ltd. Software Company, Hyderabad.

S.No	H.T No	Name of the student	Signature
1	19H71A0301	Essak, CH	Ch. Essex
2	19H71A0302	Ganesh. U	11.6
3	19H71A0303	Hari Krishna. Y	Hankhshna V
4	19H71A0304	Leelaprasad, T	Hali Con Co
5	19H71A0305	Lohith. V	1033
6	19H71A0306	Murali, D	D work.
7	19H71A0308	Sravankumar, M	Stavan Kumak, M
8	19H71A0309	Surya Teja. P	D.C.
9	19H71A0310	Venkata Siva Rama Krishna, K	1. Suzyer teig
10	19H71A0311	Vamsi Babu, B	K. Sive pame Kon
11	19H71A0312	Veera Maharshi Siya Ratna, K	A Many to
12	19H71A0313	Venkata Anjaneya Prasad. A	1 Mahar Man
13	20H75A0301	Abdul Shaheed, MD	A Verila Aryana
14	20H75A0302	Akbar. SK	C Ball
15	20H75A0303	Amrutha Prem Sagar, T	The about
16	20H75A0304	Gnana Deep, T	strikk the segar
17	20H75A0305	Harish, R	grand 400 D. 0
18	20H75A0306	Jeevan Kumar, N	Hansh. 12
19	20H75A0307	Kartheek, A	Jewann Kno
20	20H75A0308	Karthikeya, Y	Lauteel- A
21	20H75A0309	Mahammad Rafi, SK	g. Kushi
22	20H75A0310	Mahesh, B	Mr. Kays
23	20H75A0311	Mahesh Varun, K	mehlsh 13
24	20H75A0312	Maneesh, V	ma Congr
25	20H75A0313	Nagaraju. M	V. Warrer
26	20H75A0314	Naveen, K	1900 soften My.
27	20H75A0315	Naveen Sagar. P	Walleet R.
28	20H75A0316	Omkar, A	Mayon Cagas .p.
29	20H75A0317	Prem Kumar. S	offikas. A.
30	20H75A0317	Raja, B	Sorem Syx
31	20H75A0318	Ramesh, Y	Bore
21	20H13AU32U	Kamesa. Y	- smedia - 4



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33	20H75A0322	PNSSKD Satya Swarup	13/10/10/00
34	20H75A0323	Sri Muralinadh, V	The state of
35	20H75A0324	Udaybhaskar, K	W. H. Jalla Change
36	20H75A0325	Venkatasai Niranjan. V	P Congressing
37	20H75A0326	Venkatesh, K	2 Nigaria
38	20H75A0327	Venkatesh, R	is Nontra Loch
39	20H75A0328	Venkateswara Rao. K	V New Ten) Pare

Signature of Coordinator

Signature of HOD

Signature of Principal



MIC College of Technolog



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Feedback Form

Course Name:

Duration of the Course:

(Please do not write your name. You are free to respond objectively)

1. Please give your comments on the usefulness of the Workshop/guest Lecture/Seminar.

Excellent toasing programma

2. Please give your comments on the process/methods during the program.

I leagued a lot from this tomese

3. What input areas were most useful to you ("which you have learnt/experienced during the programme)?

It is a very welful for

4. In what input areas would you prefer to have further training?

I am willing to learn frather on Jordachranced

5. Further Comments (if any)

NO.