

DVR & Dr. HS

**MIC College of Technology**

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permenacely Affiliated to JNTUH, Hyderabad)

Kanchikacharla - 521100, NTR Dist. A.P. India

Phones: 08678 - 273533 / 94914 57799 / 73826 16034

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



**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)**

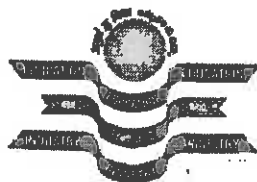
**1.15 PM to 4.30PM (Afternoon)**

**Venues:**

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

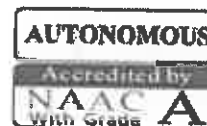
HODs are here by informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

  
**Principal**



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Kanchikacherla - 521180, NTR 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: Placement Training Programme**

**Date: 22-12-2022**

**Department: Mechanical engineering**

**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 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 Sorting 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



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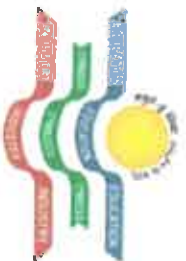
**GREEDY ALGORITHMS**

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

  
**Programme Coordinator**

  
**HOD**

  
**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	Lakshmi Kumar CH
2	22H75A0301	Akula Srihari	A. Srihari
3	22H75A0302	Badineni Anjaneyulu	B. Anjaneyulu
4	22H75A0303	Bandi Siril	B. Siril
5	22H75A0304	Boddani Jayanth	B. Jayanth
6	22H75A0305	Bolivarsetti Hemant Kumar	Hemant Kumar
7	22H75A0306	Bugata Thirupathi Rao	Thirupathi Rao
8	22H75A0307	Chadalavada Anil	A. Anil
9	22H75A0308	Chalamala Venkata Narendra Kumar	V. Venkata
10	22H75A0309	Challa Ajeay	A. Ajeay
11	22H75A0310	Chattasupalli Tejadeepti Babu	Tejadeepti Babu
12	22H75A0312	Derangula Ganesh	G. Ganesh
13	22H75A0313	Eede Mahesh Babu	E. Mahesh
14	22H75A0314	Gaddala Gopaiah	G. Gopaiah
15	22H75A0315	Gajja Durga Prasad	D. Prasad
16	22H75A0316	Gandham Sai Sujith	S. Sujith
17	22H75A0317	Geddammuri Sai Chakri	S. Chakri
18	22H75A0318	Gummulla Sai Raju	S. Raju
19	22H75A0319	Gurram Sai Ram	S. Ram
20	22H75A0320	Haribandla Hitesh Chandra	H. Chandra
21	22H75A0321	Ichapuram Durga Prasad	D. Prasad
22	22H75A0322	Inampudi Venkat	V. Venkat
23	22H75A0323	Jalunuru Mahesh	M. Mahesh
24	22H75A0324	Kallepalli Vamsi Krishnam Raju	V. Krishnam Raju
25	22H75A0325	Kambala Vasu Babu	V. Babu
26	22H75A0326	Kandregula Sai Sampath	S. Sampath
27	22H75A0327	Karthik Jaktu	K. Jaktu
28	22H75A0328	Karupati Gousick	G. Gousick
29	22H75A0329	Kolupuri Sivakumar	S. Sivakumar
30	22H75A0330	Konatham Seshagiri Reddy	S. Reddy
31	22H75A0331	Mogasati Sandeep Raju	S. Sandeep



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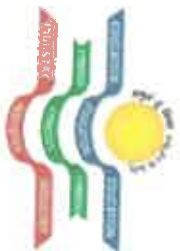
32	22H75A0332	Muniyeti Koteswararao	Koteswararao Muniyeti
33	22H75A0333	Nadakuduru Ramaswaminiraja	N. Ramaswaminiraja
34	22H75A0334	Nelukurthi Dilip Babu	Dilip Babu
35	22H75A0335	Pagadala Ramakrishna	Ramakrishna Pagadala
36	22H75A0336	Patan Baji	Baji. P.
37	22H75A0337	Pothabathina Gopi Krishna	Gopi Krishna. P.
38	22H75A0338	Pothabathina Siva Prasad	Suresh. P.
39	22H75A0339	Pothuraju Swarna Raj Kumar	P. Swarnaraj
40	22H75A0340	Pujari Santhosh	Santhosh Pujari
41	22H75A0341	Ramisetti Sidhardha	Sidhardha Ramisetti
42	22H75A0342	Ramisetty Gowtham	Gowtham. R
43	22H75A0343	Sanikommuru Yaswanth	Yaswanth. S
44	22H75A0344	Shaik John Basha	John Basha. S
45	22H75A0345	Sudhula Hemant Kumar	Hemant Kumar. S
46	22H75A0346	Sunkara Bharath Kumar	Bharath Kumar. S
47	22H75A0347	Tallaputta Chandu	Chandu. T
48	22H75A0348	Thalluri Siva Nagu Subramanyam	Subramanyam. T
49	22H75A0349	Veliseti Poorna Venkat	Poorna Venkat. V
50	22H75A0350	Yerrapaneni Madhav	Madhav. Y
51	22H75A0351	Bovapati Lakshman Rao	Lakshman Rao. B

Signature of Coordinator

Signature of HOD

Signature of Principal





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(NAAC 90/1/2015 Certified Institution)

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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)**

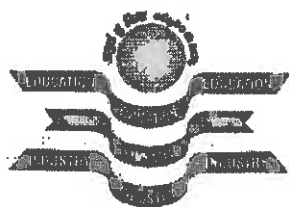
#### **Venues:**

CSE Seminar Hall  
ECE Seminar Hall  
EEE Seminar Hall  
Room No: 1108

CSE&ECE Batch1  
CSE&ECE Batch2  
IT, MECH, CIVIL, EEE  
AIDS, AIML

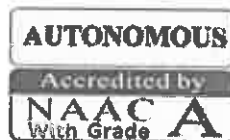
HODs are here by informed to depute their T&P Coordinator & faculty (as per time table)

  
Principal



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

**Date: 08.05.23**

**Academic Year: 2022-23**

<b>Name of the Event</b>	: Placement Training Programme
<b>Department</b>	: Mechanical engineering
<b>Topic</b>	: JAVA & C with DS
<b>Dates of the Event</b>	: 12.4.23 to 06.05.23
<b>Resource Person From</b>	: BYTEXL India Pvt Ltd, Hyderabad.
<b>Name of the coordinator</b>	: D. Divya Asst Professor, Training & Placement Coordinator Dept. of ME
<b>Target Audience</b>	: B. Tech ME branch students
<b>Total no of Participants</b>	: 51
<b>Objective of the Course</b>	: 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.
<b>Outcome of the Course</b>	: Students will be able to develop C, JAVA AND DS programs for the given scenario.

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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 CLASSES, Introduction to arrays, ARRAYS & DMA, INTRODUCTION TO STRINGS	3
DAY 4	STRINGS STRUTURS, ENUMERATORS, TYPEDEF, FILES & PREPROCESSOR DIRECTIVES,	3



## DVR &amp; 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
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, 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 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
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

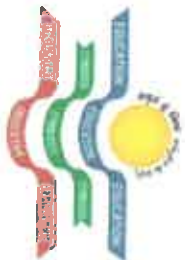
**GREEDY ALGORITHMS**

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

  
**Programme Coordinators**

  
**HOD**

  
**Principal**



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## DEPARTMENT OF MECHANICAL ENGINEERING

### TRAINING PROGRAMME ON JAVA AND C WITH DATA STRUCTURE

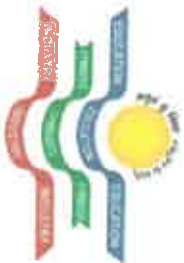
#### Attendance Report

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	Lakshmi Kumar CH.
2	22H75A0301	Akula Srihari	A. srihar
3	22H75A0302	Badineni Anjaneyulu	R. Anjaneyulu
4	22H75A0303	Bandi Siril	Siril B
5	22H75A0304	Boddani Jayanth	B. Jayanth
6	22H75A0305	Bolivaleti Hemanth Kumar	B. Hemanth Kumar
7	22H75A0306	Bugata Thirupathi Rao	Thirupathi Rao
8	22H75A0307	Chadalavada Anil	Anil ch
9	22H75A0308	Chalamala Venkata Narendra Kumar	Narendra Kumar
10	22H75A0309	Challa Ajay	Ajay ch
11	22H75A0310	Chatrasupalli Tejadeepthi Babu	Tejadeepthi babu
12	22H75A0312	Derangula Ganesh	Ganesh D
13	22H75A0313	Eede Mahesh Babu	Mahesh Babu
14	22H75A0314	Gaddala Gopalaiah	Gopalaiah
15	22H75A0315	Gajja Durga Prasad	Durga Prasad
16	22H75A0316	Gandham Sai Sujith	Sai Sujith
17	22H75A0317	Geddammuri Sai Chakri	Sai Chakri
18	22H75A0318	Gummulla Sai Raju	Sai Raju
19	22H75A0319	Gurram Sai Ram	Sai Ram
20	22H75A0320	Haribandla Hitesh Chandra	Hitesh Chandra
21	22H75A0321	Ichapuram Durga Prasad	Durga Prasad
22	22H75A0322	Inampudi Venkat	V. Venkat
23	22H75A0323	Jalunuru Mahesh	J. Mahesh
24	22H75A0324	Kallepalli Vamsi Krishnam Raju	V. Vamsi
25	22H75A0325	Kambala Vasu Babu	V. Vasu Babu
26	22H75A0326	Kandregula Sai Sampath	S. Sai Sampath
27	22H75A0327	Karthik Jakku	Karthik J
28	22H75A0328	Karupati Gousick	Gousick
29	22H75A0329	Kolupuri Sivakumar	Sivakumar
30	22H75A0330	Konatham Seshagiri Reddy	Seshagiri Reddy



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E mail: [mic@miccollegedvr.com](mailto:mic@miccollegedvr.com), [mic@miccollegedvr.in](mailto:mic@miccollegedvr.in), [mic@miccollegedvr.in](mailto:mic@miccollegedvr.in)

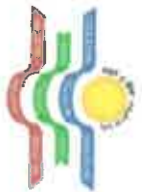


31	22H75A0331	Moghasati Sandeep Raju	M. Sandeep Feign.
32	22H75A0332	Munjeti Koteswararao	K. Koteswararao
33	22H75A0333	Nadakuduru Ramaswarniraja	Ramaswarniraja
34	22H75A0334	Nalukurti Dileep Babu	Dileep Babu
35	22H75A0335	Pagadala Ramakrishna	Ramakrishna
36	22H75A0336	Patan Bai	Patan Bai
37	22H75A0337	Pothabathina Gopi Krishna	Gopi Krishna
38	22H75A0338	Pothabathina Siva Prasad	Siva Prasad
39	22H75A0339	Pothuraju Swarna Raj Kumar	Swarna Raj Kumar
40	22H75A0340	Pujari Santhosh	Santhosh
41	22H75A0341	Ramiseti Sidhartha	Sidhartha
42	22H75A0342	Ramisetty Gowtham	Gowtham
43	22H75A0343	Sanikommu Yaswanth	Yaswanth
44	22H75A0344	Shaik John Bashu	John Bashu
45	22H75A0345	Sudhula Hemant Kumar	Hemant Kumar
46	22H75A0346	Sunkara Bharath Kumar	Bharath Kumar
47	22H75A0347	Tallaputta Chandu	Chandu
48	22H75A0348	Thalluri Siva Naga Subramanyam	Siva Naga Subramanyam
49	22H75A0349	Veliseti Poorna Venkat	Poorna Venkat
50	22H75A0350	Yerrapareni Madhav	Madhav
51	22H75A0351	Boyarati Lakshman Rao	Lakshman Rao

Signature of Coordinator

Signature of HOD

Signature of Principal



## 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 learn but some difficulty,*

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

*Every tool is usefully*

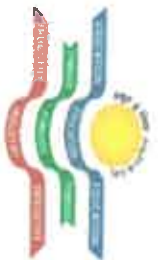
4. In what input areas would you prefer to have further training?

*Java, cloud computing*

5. Further Comments (if any)

*ASD*





**DEPARTMENT OF MECHANICAL ENGINEERING**

**TRAINING PROGRAMME ON JAVA AND C**

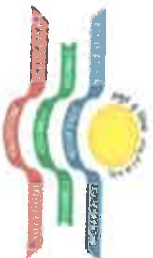
**Attendance Report**

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	Adarsh K.
2	20H71A0302	Ankasena Reddy D	Ankasena Reddy D
3	20H71A0303	Bhaskar Reddy S	Bhaskar Reddy S
4	20H71A0304	Deevana Krupnanand P	Deevana Krupnanand P
5	20H71A0305	Dola Hari Y	Dola Hari Y
6	20H71A0306	Ganesh Kumar N	Ganesh Kumar N
7	20H71A0307	H.C.Madhusudhan Rao Y	H.C.Madhusudhan Rao Y
8	20H71A0308	Krishna Reddy B	Krishna Reddy B
9	20H71A0309	Krishna Reddy K	Krishna Reddy K
10	20H71A0310	Leela Krishna S	Leela Krishna S
11	20H71A0311	Lokesh N	Lokesh N
12	20H71A0313	Manoj P	Manoj P.
13	20H71A0314	Mohith T	Mohith T
14	20H71A0315	Naga Sai Reddy M	Naga Sai Reddy M
15	20H71A0316	Naga Srinu T	Naga Srinu T
16	20H71A0317	Najeet Bashta Sk	Najeet Bashta Sk
17	20H71A0318	Naveen Kumar M	Naveen Kumar M
18	20H71A0319	Prudhvi Rajesh Y	Prudhvi Rajesh Y
19	20H71A0320	Rakesh Ch	Rakesh Ch
20	20H71A0321	Sai Preetnam S	Sai Preetnam S
21	20H71A0322	Sai Ram M	Sai Ram M.
22	20H71A0323	Sri Ram S	Sri Ram S
23	20H71A0324	Vamsi B	Vamsi B
24	20H71A0325	Venkatasai G	Venkatasai G
25	20H71A0326	M.Ganesh	M.Ganesh
26	21H75A0353	Saisiddharthavarma Lanke	Saisiddharthavarma Lanke
27	21H75A0354	Saiteja Chitla	Saiteja Chitla
28	21H75A0355	Samvel Raju Bathula	Samvel Raju Bathula
29	21H75A0357	Siva Mamkanta Pasupuleti	Siva Mamkanta Pasupuleti
30	21H75A0358	Sreekanth Naik Megavathu	Sreekanth Naik Megavathu
31	21H75A0359	Surendra Kumar Vegireddy	Surendra Kumar Vegireddy
32	21H75A0360	Suvarchala Devi K	Suvarchala Devi K



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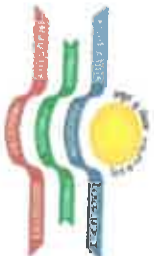
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33	21H75A0362	Syain Prasad Narmi	Syain Prasad Narmi
34	21H75A0363	Tarun Kodali	Tarun P
35	21H75A0365	Trina Chiriki	Trina Chiriki
36	21H75A0366	Uday Kiran Devarakonda	Uday Kiran Devarakonda
37	21H75A0367	Uma Venkata Ramana Thentu	Uma Venkata Ramana Thentu
38	21H75A0368	Vamsi Babu Duddu	Vamsi Babu Duddu
39	21H75A0369	Vamsi Dara	Vamsi Dara
40	21H75A0370	Venkat Naga Raj Kumar N	V. Venkat N
41	21H75A0371	Venkata Naveen Kumar P	P. Naveen
42	21H75A0372	Venkata Prasad Kadasu	P. Prasad
43	21H75A0373	Venkata Satish Chennuri	Satish Chennuri
44	21H75A0374	Venkata Siva Sai Krishna Kumar R	S. Krishna Kumar
45	21H75A0375	Venkata Vamsi Matcha	V. Vamsi Matcha
46	21H75A0376	Vineeth Vainepalli	Vineeth Vainepalli
47	21H75A0377	Vivek Tadepalli	Vivek Tadepalli
48	21H75A0301	Ahmad Khan Pathan	Ahmad Khan Pathan
49	21H75A0302	Anil Kumar Sana	Anil Kumar Sana
50	21H75A0303	Aravind Kumar Gurram	Aravind Kumar Gurram
51	21H75A0304	Arun Kumar Dagumati	Arun Kumar Dagumati
52	21H75A0305	Bala Murali Krishna Kanakala	B. Murali Krishna
53	21H75A0307	Bhargav Ram Boosi	Bhargav Ram Boosi
54	21H75A0308	Bhargava Krishna P	Bhargava Krishna P
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56	21H75A0310	Chethan Karthik Mekala	Chethan Karthik Mekala
57	21H75A0311	Devendra Kumar Gorantla	Devendra Kumar Gorantla
58	21H75A0312	Dola Venkata Ramana Prasadula	Dola Venkata Ramana Prasadula
59	21H75A0313	Durga Prasad Chennuboina	Durga Prasad Chennuboina
60	21H75A0314	Gowri Shankar Varma Nadakuditi	Gowri Shankar Varma Nadakuditi
61	21H75A0315	Gowtham Reddy Mullangi	Gowtham Reddy Mullangi
62	21H75A0316	Hanuman Mocherla	Hanuman Mocherla
63	21H75A0317	Hari Gopal Nimmagadda	Hari Gopal Nimmagadda
64	21H75A0318	Hema Charan Anagani	Hema Charan Anagani
65	21H75A0319	Hemanth P	Hemanth P
66	21H75A0320	Hemanthkumar Gorreela	Hemanthkumar Gorreela
67	21H75A0321	Hussain Saheb Shaik	Hussain Saheb Shaik
68	21H75A0322	Jagadesh Patnala	Jagadesh Patnala
69	21H75A0323	Jaya Rajesh Merri	Jaya Rajesh Merri
70	21H75A0324	Jyotheshwar Baddireddy	Jyotheshwar Baddireddy
71	21H75A0325	Jyothi Babu Davu	Jyothi Babu Davu
72	21H75A0326	Kamesh Pusarla	Kamesh Pusarla
73	21H75A0327	Karthik Adari	Karthik Adari
74	21H75A0328	Kiran Jarugu	Kiran Jarugu
75	21H75A0329	Kranti Kiran Kakula	Kranti Kiran Kakula
76	21H75A0330	Kranti Kumar Bilingi	Kranti Kumar Bilingi
77	21H75A0331	M R Kasturi Rangar	M R Kasturi Rangar
78	21H75A0332	Madan Singh Kshatri	Madan Singh Kshatri





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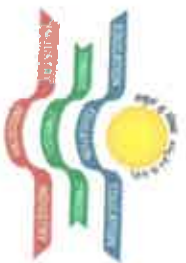


79	21H75A0333	Manikanta Loya	P. Menikent
80	21H75A0334	Mohammad Ansar Shaik	Sh. Ansar
81	21H75A0335	Murali Thippana	T. Thippana
82	21H75A0336	N Pothu Raju J	Pothu Raju J
83	21H75A0337	Naga Gopi Krishna Maganti	Gopi Krishna M
84	21H75A0338	Nanda Mohan Devineni	N. Nandan
85	21H75A0339	Nezrin Sayyed	Nezrin. sd
86	21H75A0340	Praveen Ganji	G. Praveen
87	21H75A0341	Prudhviraj Pothanipalli	P. Prudhviraj
88	21H75A0342	Radhakrishna Kunuku	R. Radhakrishna
89	21H75A0343	Raghu Lakshmana Sai Kumar K	R. Raghu
90	21H75A0344	Raj Kumar Bodigadla	R. Bodigadla
91	21H75A0345	Rama Krishna Burre	R. Burre
92	21H75A0346	Ramakrishna Thimmasarathi	R. Ramakrishna
93	21H75A0347	Ranjith Kumar Chiragudi	R. Ranjith Kumar
94	21H75A0348	Rathna Raju Konka	R. Rathna
95	21H75A0349	Raviteja Butti	R. Raviteja
96	21H75A0350	Sai Kiran Mulagada	S. Sai Kiran M.
97	21H75A0351	Sai Mohan Ande	S. Sai Mohan A.
98	21H75A0352	Saikumar Perivi	P. Sai Kumar

Signature of Coordinator

Signature of HOD

Signature of Principal



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E-mail: [admission@miccollege.edu.in](mailto:admission@miccollege.edu.in), [ivc@miccollege.edu.in](mailto:ivc@miccollege.edu.in)



**DEPARTMENT: Training and Placement**

**DATE: 04-02-2023**

**ACADEMIC YEAR: 2022-23**

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 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)**

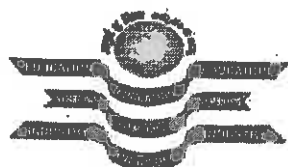
**1.15 PM to 4.30 PM (Afternoon)**

**Venues:**

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

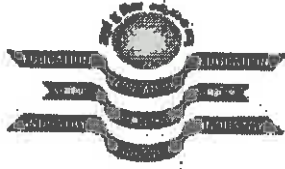
Mock technical interviews and feedback

### **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.

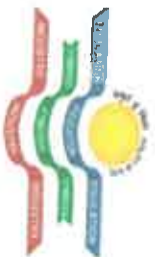
**Benefits:**

- 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 Coordinator**

  
**HOD**

  
**Principal**



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## DEPARTMENT OF MECHANICAL ENGINEERING

### TRAINING PROGRAMME ON PYTHON PROGRAMMING

#### Attendance Report

Date: 03-10-2022

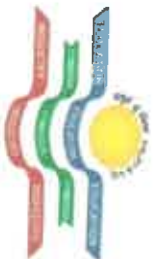
A.Y:2022-23

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	Signature
1	20H71A0301	Adarsh K	<i>Adarsh K</i>
2	20H71A0302	Ankasena Reddy D	<i>D. Anthesena</i>
3	20H71A0303	Bhaskar Reddy S	<i>S. Bhaskar</i>
4	20H71A0304	Deevana Krupananth P	<i>P. Deevana Krupananth</i>
5	20H71A0305	Dola Hari Y	<i>Y. Hari</i>
6	20H71A0306	Ganesh Kumar N	<i>N. Ganesh Kumar</i>
7	20H71A0307	H.C.Madhusudhan Rao Y	<i>Y. Madhusudhan Rao</i>
8	20H71A0308	Krishna Reddy B	<i>B. Krishna Reddy</i>
9	20H71A0309	Krishna Reddy K	<i>K. Krishna Reddy</i>
10	20H71A0310	Leela Krishna S	<i>S. Leela Krishna</i>
11	20H71A0311	Lokesh N	<i>N. Lokesh</i>
12	20H71A0313	Manoj P	<i>P. Manoj</i>
13	20H71A0314	Mohith T	<i>T. Mohith</i>
14	20H71A0315	Naga Sai Reddy M	<i>M. Sai Reddy</i>
15	20H71A0316	Naga Srinu T	<i>T. Srinu</i>
16	20H71A0317	Najeer Basha Sk	<i>Sk. Najeer Basha</i>
17	20H71A0318	Naveen Kumar M	<i>M. Naveen Kumar</i>
18	20H71A0319	Prudhvi Rajesh Y	<i>Y. Prudhvi Rajesh</i>
19	20H71A0320	Rakesh Ch	<i>Ch. Rakesh</i>
20	20H71A0321	Sai Preetham S	<i>S. Preetham</i>
21	20H71A0322	Sai Ram M	<i>M. Sai Ram</i>
22	20H71A0323	Sri Ram S	<i>S. Sri Ram</i>
23	20H71A0324	Vamsi B	<i>B. Vamsi</i>
24	20H71A0325	Venkatasai G	<i>G. Venkatasai</i>
25	20H71A0326	M.Ganesh	<i>G. Ganesh</i>
26	21H75A0353	Saisiddharthavarma Lanke	<i>L. Saisiddharthavarma</i>
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28	21H75A0355	Samvel Raju Bathula	<i>Bathula Samvel</i>
29	21H75A0357	Siva Manikanta Pasupuleti	<i>Pasupuleti Siva Manikanta</i>
30	21H75A0358	Sreekanth Naik Megavathu	<i>Megavathu Sreekanth Naik</i>
31	21H75A0359	Surendra Kumar Vegireddy	<i>Vegireddy Surendra Kumar</i>
32	21H75A0360	Suvachala Devi K	<i>K. Suvachala Devi</i>

*Suvarchala Devi K*





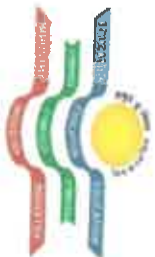
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68	21H75A0322	Jagadeesh Patnala	Jagadeesh Patnala
69	21H75A0323	Jaya Rajesh Menti	Jaya Rajesh Menti
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75	21H75A0329	Kranthi Kiran Kalula	Kranthi Kiran Kalula
76	21H75A0330	Kranthi Kumar Billingeri	Kranthi Kumar Billingeri
77	21H75A0331	M R Kasturi Rangan	M R Kasturi Rangan
78	21H75A0332	Madan Singh Kshatri	Madan Singh Kshatri





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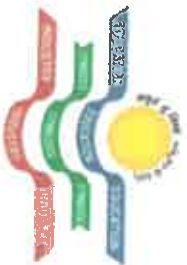


79	21H75A0333	Manikanta Loyya	E. Manikanta
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81	21H75A0335	Murai Thippana	M. Murai
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83	21H75A0337	Nagga Gopi Krishna Maganti	Nagga Gopi
84	21H75A0338	Nanda Mohan Devineni	Nanda Mohan
85	21H75A0339	Nazim Sayyed	Nazim Sayy
86	21H75A0340	Praveen Ganji	Praveen Ganji
87	21H75A0341	Prudhviraj Pothanapalli	Prudhviraj P.
88	21H75A0342	Radhakrishna Kunuku	Radhakrishna
89	21H75A0343	Raghu Lakshmana Sai Kumar K	Raghu Lakshmana
90	21H75A0344	Raj Kumar Bodigadla	Raj Kumar B
91	21H75A0345	Rama Krishna Bure	Rama Krishna
92	21H75A0346	Ramakrishna Thimmasarathi	Ramakrishna
93	21H75A0347	Ranjith Kumar Choraipudi	Ranjith Kumar
94	21H75A0348	Ratna Raju Konka	Ratna Raju
95	21H75A0349	Raviteja Butti	Raviteja Butti
96	21H75A0350	Sai Kiran Mulagada	Sai Kiran Mulagada
97	21H75A0351	Sai Mohan Ande	Sai Mohan Ande
98	21H75A0352	Saikumar Perivi	Saikumar Perivi

Signature of Coordinator

Signature of HOD

Signature of Principal



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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      CSE & ECE Batch 1ECE  
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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**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.



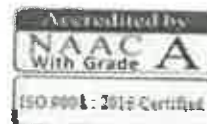
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Website : [www.mictech.edu.in](http://www.mictech.edu.in)



- 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.

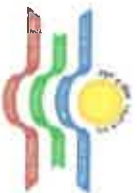
**Description / Report on Event** : Training and Placement Cell organized PYTHON training for the benefit of III B. Tech ME students in association with ByteXL India Private Limited, Software Company, Hyderabad. The purpose of the Python programming is to equip participants with a comparative and practical 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**



## Feedback Form

Course Name: JAVA & C

Duration of the Course: 24 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 and Excellent

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

Well teaching methods

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

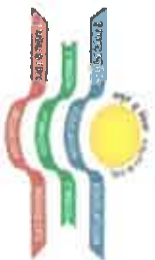
User Interface is good to learn

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

Requirements to learn on Python & Data structures.

5. Further Comments (if any)

NO



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## DEPARTMENT OF MECHANICAL ENGINEERING

### TRAINING PROGRAMME ON DATA STRUCTURES WITH PYTHON AND C

#### Attendance Report

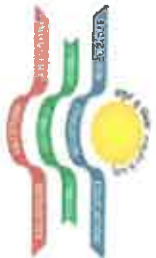
Date: 02-09-2022

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. Essak
2	19H71A0302	Ganesh. U	Ganesh. U
3	19H71A0303	Hari Krishna. Y	Hari Krishna. Y
4	19H71A0304	Leelaprasad. T	Leelaprasad. T
5	19H71A0305	Lohith. V	Lohith. V
6	19H71A0306	Murali. D	Murali. D
7	19H71A0308	Sravankumar. M	Sravankumar. M
8	19H71A0309	Surva Teja. P	Surva Teja. P
9	19H71A0310	Venkata Siva Rama Krishna. K	Venkata Siva Rama Krishna. K
10	19H71A0311	Vamsi Babu. B	Vamsi Babu. B
11	19H71A0312	Veera Maheshi Siva Ratna. K	Veera Maheshi Siva Ratna. K
12	19H71A0313	Venkata Anjaneya Prasad. A	Venkata Anjaneya Prasad. A
13	20H75A0301	Abdul Shaheed. MD	Abdul Shaheed. MD
14	20H75A0302	Akber. SK	Akber. SK
15	20H75A0303	Amrutha Prem Sagar. T	Amrutha Prem Sagar. T
16	20H75A0304	Gnana Deep. T	Gnana Deep. T
17	20H75A0305	Harish. R	Harish. R
18	20H75A0306	Jeevan Kumar. N	Jeevan Kumar. N
19	20H75A0307	Karthick. A	Karthick. A
20	20H75A0308	Karthikeya. Y	Karthikeya. Y
21	20H75A0309	Mahammad Rafi. SK	SK. Mahammad
22	20H75A0310	Mahesh. B	Mahesh. B
23	20H75A0311	Mahesh Varun. K	Mahesh Varun. K
24	20H75A0312	Manesh. V	Manesh. V
25	20H75A0313	Nagaraju. M	M. Nagaraju
26	20H75A0314	Naveen. K	Naveen. K
27	20H75A0315	Naveen Sagar. P	Naveen Sagar. P
28	20H75A0316	Omkar. A	Omkar. A
29	20H75A0317	Prem Kumar. S	Prem Kumar. S
30	20H75A0318	Raja. B	Raja. B
31	20H75A0320	Ramesh. Y	Ramesh. Y





DVR & D. HS

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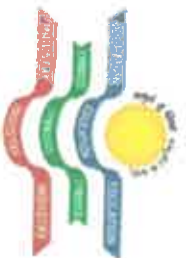
32	20H75A0321	Sanath. P	P. Sanath
33	20H75A0322	P N S K D Saiya Swarup	P.N.S.K.D. Saiya Swarup
34	20H75A0323	Sri Muralinadh. V	S. Muralinadh. V
35	20H75A0324	Udaybhaskar. K	K. Udaybhaskar
36	20H75A0325	Venkatesai Niranjana. V	Venkatesai Niranjana. V
37	20H75A0326	Venkatesh. K	V. Venkatesh
38	20H75A0327	Venkatesh. R	R. Venkatesh
39	20H75A0328	Venkateswara Rao. K	Venkateswara Rao. K

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: 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) students 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)**

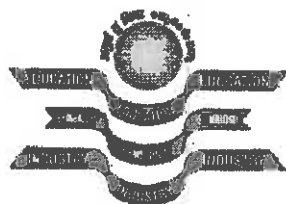
**1.15PM to 4.30PM (Afternoon)**

**Venues:**

Hall	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

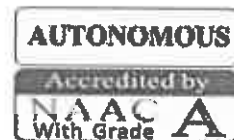
HODs are hereby informed to depute their T&P Coordinator & faculty (as per time table) at the venues.

**Principal**



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



**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.
2. To develop the ability to design and analyze basic algorithms and prove their correctness using the appropriate data structure learned in the course.

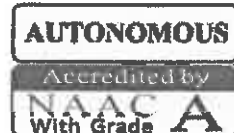
**Course Objectives :**

- 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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## 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
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 Queues, Circular Queue , Priority Queue, Dequeue, Queue Implementation
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 (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
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



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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

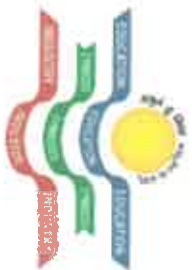
**Feedback / Suggestions**

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

  
**Programme Coordinator**

  
**HOD**

  
**Principal**



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

**Department: Training and Placement**

**Academic Year:2022-23**

**Date: 20-08-2022**

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:**

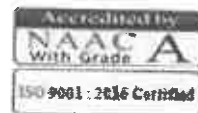
Hall	Session	Students
CSE Seminar Hall	Morning	CSE&ECE
ECE Seminar Hall	Afternoon	CSE&ECE
EEESeminarHall	Morning	IT, MECH,
EEESeminarHall	Afternoon	CIVIL, EEE

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

**Principal**



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Website : [www.mictech.edu.in](http://www.mictech.edu.in)



**A.Y:2022-23**  
**08/08/2022**

**Name of the Event:** Python Training Programme

**Date(s) of the Event:** 13.7.22 to 6.8.22

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

**Name of the coordinator:** D. Divya  
Assistant Professor, T & P Coordinator  
Dept of ME

**Target Audience:** IV B. Tech Students

**Total no of Participants:** 39

**Description:**

The Department of Training & placement cell organized “Byte XL”, and is specially meant for engineering final students. The sole objective of imparting aptitude training is to make students able to critically evaluate various real-life situations by resorting to an analysis of key issues and factors. This Aptitude Training helps them to demonstrate various principles involved in solving mathematical problems and thereby reducing the time taken for performing job functions. Logical reasoning is a test of a skill rather than a test of learned knowledge. This is used to determine a student’s critical thinking skills, as well as their ability to use their own knowledge to solve a problem. Soft Skills (a vital portion of an individual’s personality) is an intangible idea in which the qualities like attitude, ability, integrity, reliability, positivity, flexibility, dependability, punctuality, management, cooperation, habits and practices are combined proficiently to capitalize on a person’s work efficacy. Soft Skills do the work of combining all these components in accurate share into skills and shaping them into competencies. The aim of the coding is to produce high quality system which can be performed in any situation. The programmer removes all the errors related to syntax and format and all the logical errors which find in the programmer during the coding phase.



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Website : [www.mictech.edu.in](http://www.mictech.edu.in)



**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.

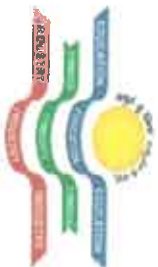
Planned to organize every year.

  
**Program Coordinators**

  
**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. Essak
2	19H71A0302	Ganesh. U	U. Ganesh
3	19H71A0303	Hari Krishna. Y	Han Krishna. Y
4	19H71A0304	Leelaprasad. T	Leela Prasad. T
5	19H71A0305	Lohith. V	Lohith. V
6	19H71A0306	Murali. D	D. Murali
7	19H71A0308	Sravan Kumar. M	Sravan Kumar. M
8	19H71A0309	Surya Teja. P	P. Surya Teja
9	19H71A0310	Venkata Siva Rama Krishna. K	K. Siva Rama Krishna
10	19H71A0311	Vamsi Babu. B	B. Vamsi Babu
11	19H71A0312	Veera Mahanishi Siva Ratna. K	K. Veera Mahanishi
12	19H71A0313	Venkata Anjaneya Prasad. A	A. Venkata Anjaneya
13	20H75A0301	Abdul Shaheed. MD	MD. Shaheed
14	20H75A0302	Akbar. SK	SK. Akbar
15	20H75A0303	Amrutha Prem Sagar. T	T. Amrutha Sagar
16	20H75A0304	Gnana Deep. T	T. Gnana Deep
17	20H75A0305	Harish. R	R. Harish
18	20H75A0306	Jeevan Kumar. N	N. Jeevan Kumar
19	20H75A0307	Karthick. A	A. Karthick
20	20H75A0308	Karthikya. Y	Y. Karthika
21	20H75A0309	Mahammad Rafi. SK	SK. Rafi
22	20H75A0310	Mahesh. B	B. Mahesh
23	20H75A0311	Mahesh Varun. K	K. Mahesh Varun
24	20H75A0312	Manesh. V	V. Manesh
25	20H75A0313	Nagaraju. M	M. Nagaraju
26	20H75A0314	Naveen. K	K. Naveen
27	20H75A0315	Naveen Sagar. P	P. Naveen Sagar
28	20H75A0316	Omkar. A	A. Omkar
29	20H75A0317	Prem Kumar. S	S. Prem Kumar
30	20H75A0318	Raja. B	B. Raja
31	20H75A0320	Ramesh. Y	Y. Ramesh



DVR & Dr. HS

MIC College of Technology



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34	20H75A0323	Sri Muralinadh. V	<i>Sri Muralinadh. V</i>
35	20H75A0324	Uday bhaskar. K	<i>Udaybhaskar K</i>
36	20H75A0325	Venkatesai Niranjan. V	<i>V. Niranjan</i>
37	20H75A0326	Venkatesh. K	<i>K. Venkatesh</i>
38	20H75A0327	Venkatesh. R	<i>R. Venkatesh</i>
39	20H75A0328	Venkateswara Rao. K	<i>K. Venkateswara Rao</i>

Signature of Coordinator

Signature of HOD

Signature of Principal



DVR & Dr. HS

MIC College of Technology

ATTONOMOTS

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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 training programme*

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

*I learned a lot from this course*

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

*It is a very useful tool*

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

*I am willing to learn further on Embroidered*

5. Further Comments (if any)

*NO.*