



## Department of Information Technology

### List of Value Added Courses

**A.Y:2021-22**

S.No	Name of The Course	Dates	Year	No. of Students Attended
1	Training programme on Python Fundamentals	6-12-2021 to 8/1/2022	II B. Tech IT III Semester	69
2	Hands On Workshop On Object Oriented Programming Using Java	1/2/2022 to 12/3/2022	III B. Tech IT V Semester	67
3	Training Programme On Python Programming Fundamentals	18/04/2022 to 24/04/2022	III B. Tech IT	67
4	Data Structures Training Program	13/06/2022 to 23/06/2022	III B. Tech IT	65

Signature of Coordinator

Signature of HoD



## Department of Information Technology

A.Y:2021-22

### IV B.Tech (IT) Students List

S.NO	REGD NO.	NAME OF THE STUDENT	COURSE NAME	DURATION
1	19H71A1217	Ballineni Lakshmi Deekshitha	Python for Beginner	6-11-2021 To 7-12-2021
2	19H71A1217	Ballineni Lakshmi Deekshitha	Front End Development-HTML	12-11-2021 to 15-12-2021
3	19H71A1224	Manasa Sunkara	Machine Learning Pipelines with Azure ML Studio	2-2-2022 to 3-3-2022
4	19H71A1244	Sai Anu Deepthi Malisetty	Machine Learning Pipelines with Azure ML Studio	2-2-2022 to 3-3-2022

### III B.Tech (IT) Students List

S.NO	REGD NO.	NAME OF THE STUDENT	COURSE NAME	DURATION
1	20H71A1243	Tirumalasetti Sowjanya	Python for Machine Learning	15-4-2022 to 14-5-2022
2	20H71A1258	Papasani Veeranjaneyulu	Master Classes on Java Programming	11-4-2022 to 10-5-2022

  
Signature of Coordinator

  
Signature of HoD



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## Department of Computer Applications

A.Y:2021-22

The following list of I MCA II Semester students have successfully completed “**PROGRAMMING DATA STRUCTURES AND ALGORITHMS USING PYTHON**” course from NPTEL SWAYAM.

S.No	Regd No.	Name of the student	100 M
1	21H71F0001	Ajay Kumar J	60
2	21H71F0002	Aswini P	25
3	21H71F0003	Basava Mani Kanta B	58
4	21H71F0004	Bhanu Prakash	63
5	21H71F0005	Chiranjeevi P	56
6	21H71F0006	Deepthi K	56
7	21H71F0007	Dhanush Kumar G	60
8	21H71F0008	Divya K	60
9	21H71F0009	Durga Rao T	65
10	21H71F0010	Durga Reddy E	61
11	21H71F0011	Durgarao V	60
12	21H71F0012	Gopi D	55
13	21H71F0013	Gopi Krishna K	56
14	21H71F0014	Gopi Narendra Reddy S	58
15	21H71F0015	Gunteiah Y	59
16	21H71F0016	Haritha K	66
17	21H71F0017	Haritha M	58
18	21H71F0018	Haritha P	24
19	21H71F0019	Indrani B	54
20	21H71F0020	Jagadeesh P	58
21	21H71F0021	Jaya Shankara Acharaya V	59
22	21H71F0022	Keeerthi Sri D	60
23	21H71F0023	Krishnavamsi Ch	61
24	21H71F0024	Lavanya N	53
25	21H71F0025	Likhitha S	56
26	21H71F0026	Likith Sai B	64
27	21H71F0027	Madhu Sudhana Rao T	53
28	21H71F0028	Mamatha N	56
29	21H71F0029	Manasa V	59
30	21H71F0030	Manikanta K	59
31	21H71F0031	Meghana D	56

32	21H71F0032	Naga Pavani P	55
33	21H71F0033	Nagaraju J	54
34	21H71F0034	Narendra G	59
35	21H71F0035	Narendra K	60
36	21H71F0036	Naveen M	56
37	21H71F0037	Naveen N	58
38	21H71F0038	Poojitha B	58
39	21H71F0039	Prasanthi N	60
40	21H71F0040	Praveen Babu M	53
41	21H71F0041	Raghavendra Reddy Ch	63
42	21H71F0042	Rajya Lakshmi P	59
43	21H71F0043	Ramesh G	59
44	21H71F0044	Ramya P	56
45	21H71F0045	Ravi E	60
46	21H71F0046	Rohit Varma M	61
47	21H71F0047	Rosaiah J	56
48	21H71F0048	Ruben M	60
49	21H71F0049	Sahithi P	58
50	21H71F0050	Sahithya U	58
51	21H71F0051	Sai Kumar P	58
52	21H71F0052	N Sai Varsha	59
53	21H71F0053	Sasidhar P	55
54	21H71F0054	Shaik Bibi Ayesha	58
55	21H71F0055	Shaik Sirajunnisa	53
56	21H71F0056	Shaik Usman	49
57	21H71F0057	Siva Sankar K	72.5
58	21H71F0058	Srilekha Ch	56
59	21H71F0059	Susmitha Srivalli M	58
60	21H71F0060	Syam Prasad K	60
61	21H71F0062	Vasantha B	58
62	21H71F0063	V L Sai Subrahmanyam S	60
63	21H71F0064	Vishnu Vardhan M	58
64	21H71F0065	Yeswanth Kumar V	58
65	21H71F0066	R Venkatesh	59

  
Signature of In-Charge

  
Signature of HoD



DVR & Dr. HS  
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**DEPARTMENT:** Training and Placement Cell

**DATE:** 4/12/2021

**ACADEMIC YEAR:** 2021-22

ORIGINATOR	<b>Principal</b>
CIRCULATED TO	HODs, Faculty and II B. Tech(CSE,ECE,IT,MECH,CIVIL,EEE,AIML,AIDS) Students – All Departments

All the HOD's, staff and students are here by informed that the Training and Placement Cell is conducting **Python Programming** training classes in collaboration with **Byte XL India Pvt. Ltd** for II B.Tech (CSE,ECE,IT,MECH,CIVIL,EEE,AIML,AIDS) Students from 6/12/2021 to 8/1/2022. The training schedule is as follows.

**Training schedule:**

S.No	Students	Timings
1	II EEE,II AIML	1PM to 4:20PM
2	II CSE	9AM to 12.40PM
3	II ME, II CIVIL	1PM to 4:20PM
4	II ECE	9AM to 12.40PM
5	II IT,II AIDS	1PM to 4:20PM

**Principal**



DVR & Dr. HS

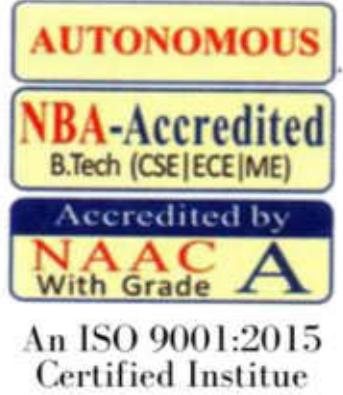
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e mail: dvrhsmic@mictech.ac.in, Website: www.mictech.ac.in



# REGISTRATION FREE

## TRAINING & PLACEMENT CELL TRAINING PROGRAMME ON PYTHON FUNDAMENTALS

6-12-2021 to 8-1-2022

RESOURCE PERSON FROM  
BYTEXL India Private Limited  
Software Company  
Hyderabad,Telangana

### Department Coordinators

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

Mr. M. Tharun ( EEE )

Ms. D. Divya ( MECH )

Mr. K. Veenanand ( ECE )

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

### Principal

Dr.K.Srinivas

M.Tech, PhD



### 2.Measuring Perfomance

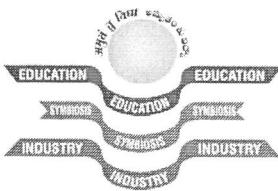
- .Timing Functions,
- .Profiling memory
- .Dictionary
- .Formatted String Literals

### 3.Data Structures

- • • •
- • • •

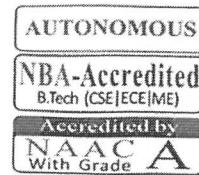
### 4.Network Client Server

- .Basic Architecture
- .Exchanging Data Using JSON
- .Counters, Arrays ,Queues, Context Manager,Using With, Building a Context



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## DEPARTMENT OF INFORMATION TECHNOLOGY

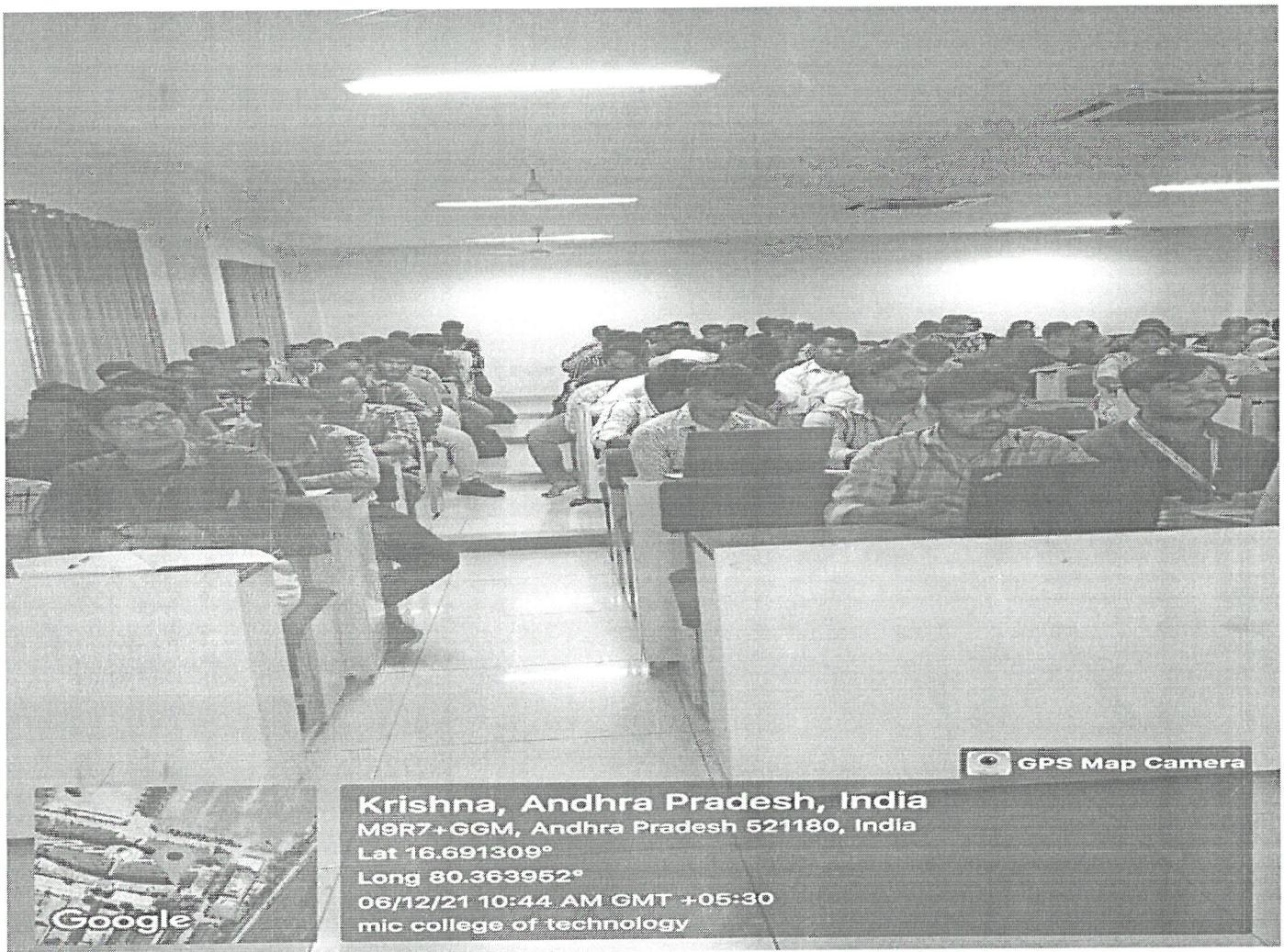
### A REPORT ON TRAINING PROGRAMME ON PYTHON PROGRAMMING FUNDAMENTALS

<b>Event Type</b>	: PLACEMENT TRAINING PROGRAMME
<b>Date / Duration</b>	: 06-12-2021 to 8-01-2022
<b>Resource Person From</b>	: Byte XL India Private Ltd, Software Company, Hyderabad
<b>Name of Coordinators</b>	: Mrs. S.Mounika Assistant Professor, Training & Placement Coordinator, Department of IT
<b>Target Audience</b>	: II B.Tech IT III Semester Students
<b>Total no of Participants</b>	: 69
<b>Objective of the event</b>	: The learning objectives of this course are:
<b>Topics covered</b>	: This programme is aimed to familiarize students on advanced topics in Python for professional programming. It contains sections on logging, debugging, profiling, and packaging. The course covers theory and programming ability. For each topic, the course presents one example, one or two new development exercises with class solutions, and one or two debugging exercises.
<b>Topics covered</b>	: Programming Techniques, Measuring Performance, Some New Techniques and Modules, Decorators, Closures, Lambdas, and Comprehensions, Data Structures Network Client Server, RESTful Applications, Concurrent Programming, Git and Revision Cont.
<b>Outcome of event</b>	: Students are familiar with Programming tools: Git, Jupiter Notebook, and pydoc Programming techniques: logging, debugging profiling, And packaging.

**Description / Report on Event** : Department of Information technology conducted a certification programme for the benefit of II B.Tech III semester IT students on advanced topics in python in association with ByteXL India Private Limited, Software Company, Hyderabad. The basic concepts are already covered in their second semester.

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

**Photographs:**



Signature of Coordinator  
(Mrs. S.Mounika)

Signature of HOD  
(Mrs. A.Anuradha)

Signature of Principal  
(Dr.K.Srinivas)



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**DEPARTMENT:** Training and Placement Cell

**DATE:** 25/01/2022

**ACADEMIC YEAR:** 2021-22

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

All the HOD's, staff and students are here by informed that the Training and Placement Cell is conducting **Java Programming** training classes in collaboration with **ByteXL India Pvt Ltd** for B.Tech Students from 01-02-2022 to 12-03-2022. The training schedule is as follows.

**Training schedule:**

S.No	Students	Hall	Timings
1	EEE	EEE Seminar Hall	1PM to 4:20PM
2	CSE	CSE Seminar Hall	9PM to 12.40PM
3	ME	ECE Seminar Hall	1PM to 4:20PM
4	ECE	ECE Seminar Hall	9PM to 12.40PM
5	CIVIL	EEE Seminar Hall	9PM to 12.40PM
6	IT	ECE Seminar Hall	1PM to 4:20PM



Principal



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## TOPICS COVERED

## TRAINING & PLACEMENT CELL

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

1-02-2022 to 12-03-2022

**REGISTRATION  
FREE**



#### Department Coordinators

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

Mr. M. Tharun ( EEE )

Ms. D. Divya ( MECH )

Mr. K. Veenanand ( ECE )

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

#### Principal

**Dr.K.Srinivas**

M.Tech, PhD

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



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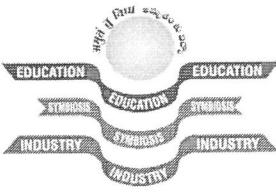
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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**LIST OF VALUE ADDED COURSES OFFERED DURING THE A.Y: 2020-21 TO 2022-23**

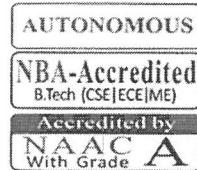
**ACADEMIC YEAR:2021-22**

Name Of The Value Added Courses (With 30 Or More Contact Hours) Offered	Year Of Offering	No.Of Times Offered	Duration Of Course	Number Of Students Enrolled	Number Of Students Completed
Training Programme On Python Programming	2021-22	1	06-12-2021-8-01-2022	69	69
Training on Object Oriented Programming Using Java	2021-22	1	01-02-2022-12-03-2022	67	67
Training Programme On Python Programming Fundamentals	2021-22	1	18-04-2022-24-04-2022	67	67
Training Programme On Data Structures Through Python	2021-22	1	13-06-2022-23-06-2022	65	65



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## DEPARTMENT OF INFORMATION TECHNOLOGY

A.Y:2021-22

### A REPORT ON “JAVA TRAINING PROGRAMME”

<b>Event Type</b>	: PLACEMENT TRAINING PROGRAMME
<b>Date / Duration</b>	: 01-02-2022 TO 12-03-2022
<b>Resource Person From</b>	: Byte XL India Private Ltd, Software Company, Hyderabad
<b>Name of Coordinators</b>	: Ms. K. Vinaya Sree Bai Assistant Professor, Training & Placement Coordinator
<b>Target Audience</b>	: III B.Tech IT V Semester Students
<b>Total no of Participants</b>	: 67
<b>Objective of the event</b>	: The learning objectives of this course are: <ul style="list-style-type: none"><li>• To learn why Java is useful for the design of desktop and web applications.</li><li>• To learn how to implement object-oriented designs with Java.</li><li>• To identify Java language components and how they work together in applications.</li><li>• To design and program stand-alone Java applications.</li><li>• To learn how to design a graphical user interface (GUI)</li><li>• To understand how to use Java APIs for program development.</li></ul>
<b>Topics covered</b>	: Overview of Java Fundamentals, JDBC, Eclipse- IDE, Advanced JDBC Concepts, Exception Handling, Servlets, RDBMS & SQL, Spring framework.
<b>Outcome of event</b>	:
<b>Description / Report on Event</b>	: Department of Information technology conducted a training programme for the benefit of III BTech V semester IT students on placement related topics in Java in association with ByteXL India Private Limited, Software Company, Hyderabad. The basic concepts are already covered in their second semester.

**Feedback / Suggestions**

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

**Photographs:**

*K. Vinay Sree*  
Signature of Coordinator

(Ms. K.Vinaya Sree Bai)

*A*  
Signature of HOD

(Mrs .A. Anuradha)

*KJ*  
Signature Of Principal

(Dr. K.Srinivas)

## Java Training Contents

1. Introduction to Java and OOPS
2. Java Tokens- Comments, Identifiers, Keywords, Separators
3. Working with Java Editor Softwares – Editplus, NetBeans, Eclipse
4. Packages with static imports
5. Working with jar
6. Modifiers – File level, Access level and Non-access level
7. Datatypes, Literals, Variables, Type Conversion, Casting & Promotion
8. Reading runtime values from keyboard and Properties File
9. Operators and Control Statements
10. Method and Types of methods
11. Variable and Types of Variables
12. Constructor and Types of constructors
13. Block and Types of Blocks
14. Declarations, Invocations and Executions
15. Compiler & JVM Architecture with Reflection API
16. Static Members and their execution control flow
17. Non-Static Members and their execution control flow
18. Final Variables and their rules
19. Classes and Types of classes
20. OOPS- Fundamentals, Models, Relations and Principles
21. Coupling and Cohesion (MVC and LCRP Architectures)
22. Types of objects & Garbage Collection
23. Arrays and Var-arg types
24. Enum and Annotation
25. Design Patterns
26. API and API Documentation
27. Fundamental Classes – Object, Class, System, Runtime
28. String Handling
29. Exception Handling and Assertions
30. Multithreading with JVM Architecture
31. IO Streams (File IO)
32. Networking (Socket Programming)
33. Wrapper Classes with Auto boxing and unboxing
34. Collections with Generics
35. Java 5, 6, 7, 8 new features
36. Inner classes
37. AWT, Swings, Applet
38. Regular Expressions
39. Formatting date, time (java.text package)



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**DEPARTMENT:** Training and Placement Cell

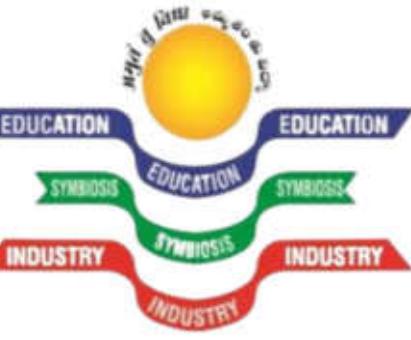
**Date:** 14/04/2021

**Academic Year:** 2021-22

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

All the HOD's, staff and students are here by informed that the Training and Placement Cell is conducting Python Programming training classes in collaboration with **ByteXL India Pvt Ltd** for B.Tech Student from 18-04-2022 TO 24-04-2022. In this regard, all the faculty and students are here by informed to utilize this opportunity.

  
**Principal**



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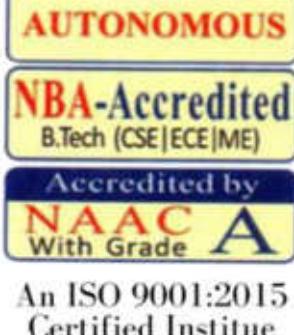
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# Organized By

## Training & Placement Cell

## TRAINING & PLACEMENT CELL

### TRAINING PROGRAM ON PYTHON PROGRAMMING FUNDAMENTALS

Registration  
Free

18-04-2022  
to  
24-04-2022

#### Resource Person From

BYTEXL India Private Limited Software  
Company Hyderabad ,Telangana

#### Department Coordinators

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

Mr. M. Tharun ( EEE )

Ms. D. Divya ( MECH )

Mr. K. Veenanand ( ECE )

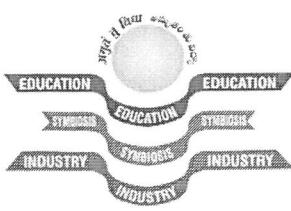
Ms. K. Vinaya Sree Bai ( CSE & IT )

Principal  
**Dr. K.Srinivas**

M.Tech, PhD

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

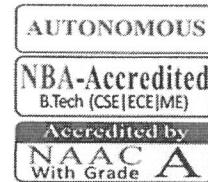




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## DEPARTMENT OF INFORMATION TECHNOLOGY

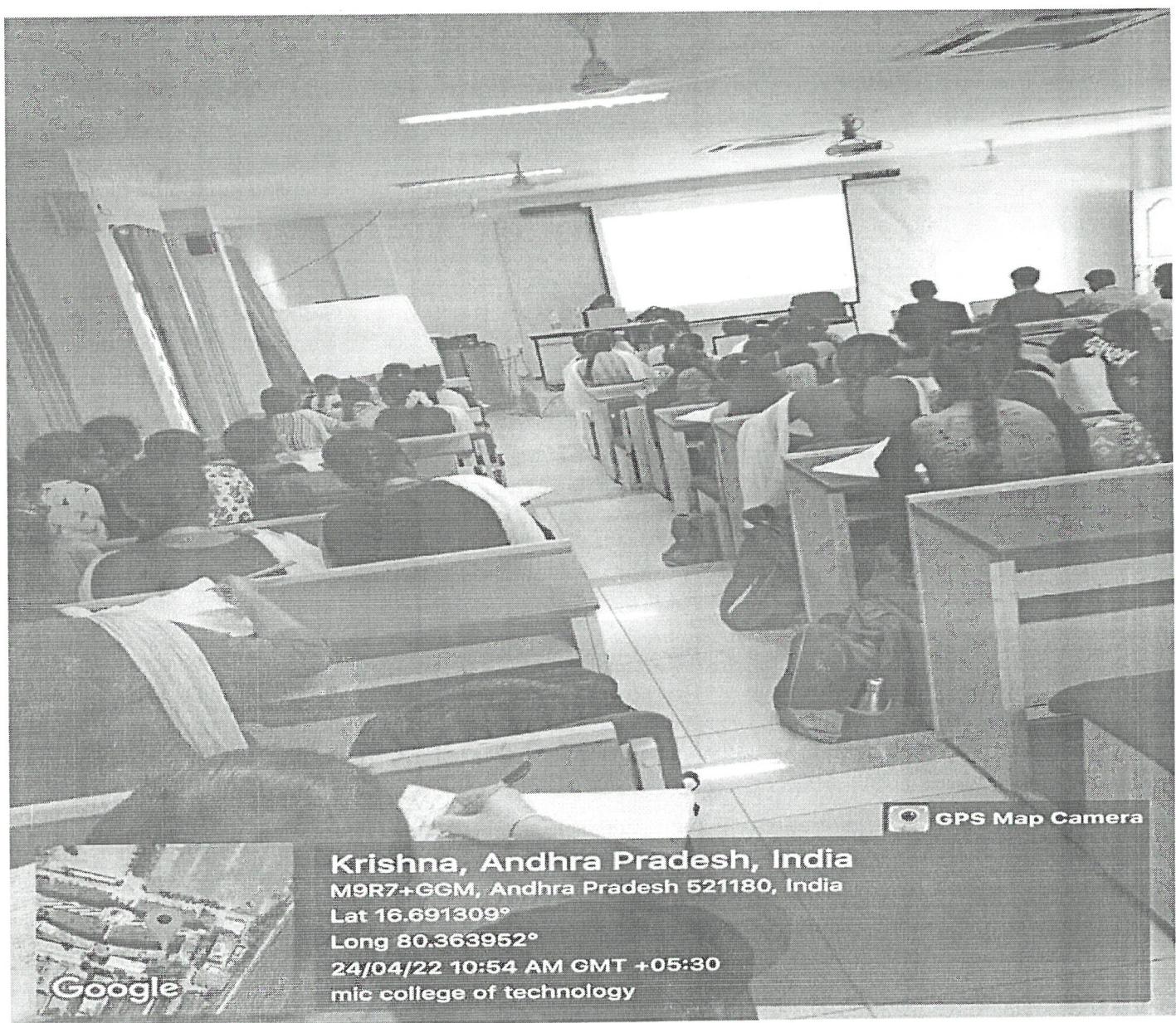
### A REPORT ON TRAINING PROGRAMME ON PYTHON PROGRAMMING FUNDAMENTALS

<b>Event Type</b>	: PLACEMENT TRAINING PROGRAMME
<b>Date / Duration</b>	: 18-04-2022 TO 24-04-2022
<b>Resource Person From</b>	: Byte XL India Private Ltd, Software Company, Hyderabad
<b>Name of Coordinators</b>	: Mrs. K.Vinaya Sree Bai Assistant Professor, Training & Placement Coordinator
<b>Target Audience</b>	: III B.Tech IT Students
<b>Total no of Participants</b>	: 67
<b>Objective of the event</b>	: The learning objectives of this course are:
<b>Topics covered</b>	: This Programme is aimed to familiarize students on advanced topics in Python for professional programming. It contains sections on logging, debugging, profiling, and packaging. The course covers theory and programming ability. For each topic, the course presents one example, one or two new development exercises with class solutions, and one or two debugging exercises.
<b>Topics covered</b>	: Programming Techniques, Measuring Performance, Some New Techniques and Modules, Decorators, Closures, Lambdas, and Comprehensions, Data Structures Network Client Server, RESTful Applications, Concurrent Programming, Git and Revision Cont.
<b>Outcome of event</b>	: Students are familiar with Programming tools: Git, Jupyter Notebook, and pydoc Programming techniques: logging, debugging profiling, and packaging.
<b>Description / Report on Event</b>	: Department of Information technology conducted a certification programme for the benefit of II BTech III semester IT students on advanced topics in python in association with ByteXL India Private Limited, Software Company, Hyderabad. The basic concepts are already covered in their second semester.

**Feedback / Suggestions**

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

**Photograph:**



*K. Vinay Sree*  
Signature of Coordinator

(Ms. Vinaya Sree Bai)

*A*  
Signature of HOD

(Mrs.A.Anuradha)

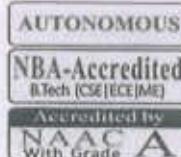
*KJ*  
Signature Of Principal

(Dr. K. Srinivas)



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



**DEPARTMENT:** Training and Placement Cell

**DATE:** 8/6/2022

**ACADEMIC YEAR:** 2021-22

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

All the HOD's, staff and students are here by informed that the Training and Placement Cell is conducting **Data Structures** training classes in collaboration with **ByteXL India Pvt Ltd** for B.Tech Student from 13-06-2022 to 23-06-2022. In this regard, all the faculty and students are here by informed to utilize this opportunity.

**Principal**



DVR & Dr. HS

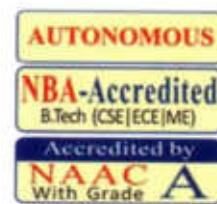
# MIC College of Technology

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

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

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Registration Fee  
Free

## TRAINING AND PLACEMENT CELL DATA STRUCTURES TRAINING PROGRAM

### Resource Person From

BYTEXL India Private Limited Software  
Company Hyderabad ,Telangana

### Department Coordinators

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

Mr. M. Tharun ( EEE )

Ms. D. Divya ( MECH )

Mr. K. Veenanand ( ECE )

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

### Principal

**Dr.K.Srinivas**

M.Tech, PhD

13-6-2022

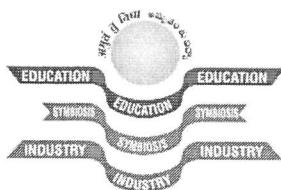
To

23-6-2022

### TOPICS COVERED

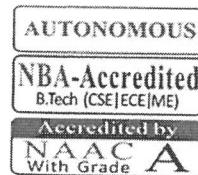
1. TIME COMPLEXITY ANALYSIS
2. STACK . QUEUE . LINKED LIST
3. SORTING ALGORITHMS
4. SEARCHING ALGORITHMS
5. BACK TRACKING
6. DYNAMIC PROGRAMMING
7. HASH MAP
8. TRIE
9. SET . HEAP





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

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### A REPORT ON TRAINING PROGRAMME ON DATA STRUCTURES

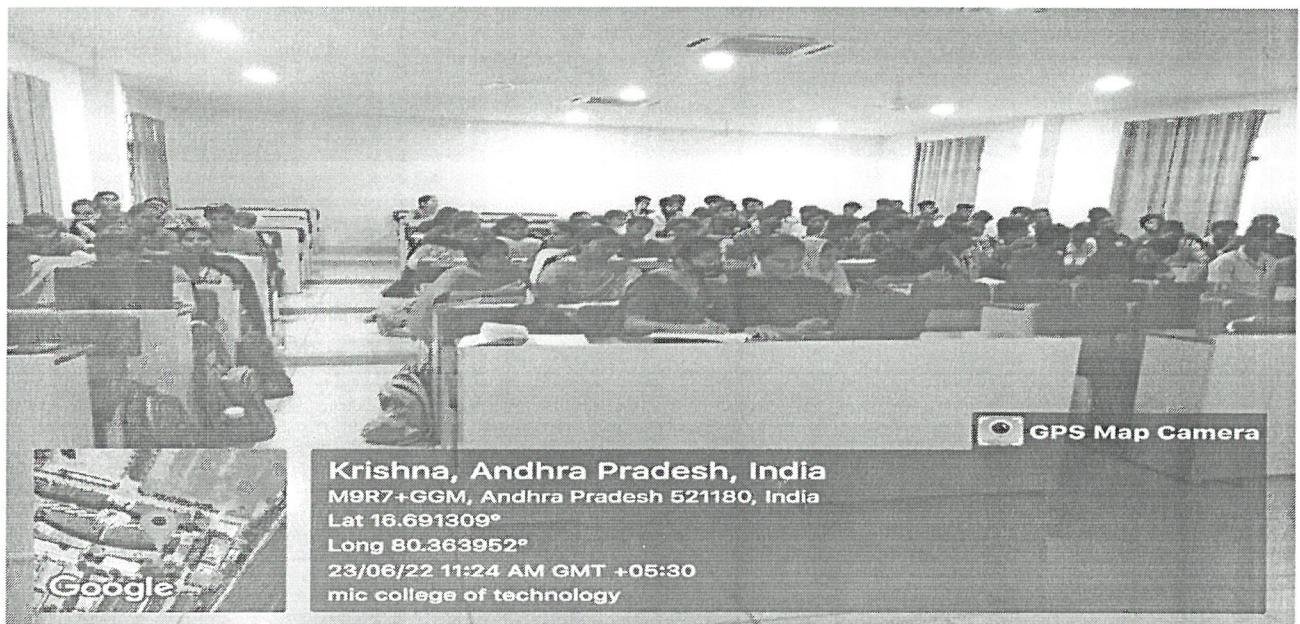
<b>Event Type</b>	: PLACEMENT TRAINING PROGRAMME
<b>Date / Duration</b>	: 13-06-2022 TO 23-06-2022
<b>Resource Person From</b>	: Byte XL India Private Ltd, Software Company, Hyderabad
<b>Name of Coordinators</b>	: Mrs. K.Vinaya Sree Bai Assistant Professor, Training & Placement Coordinator
<b>Target Audience</b>	: III B.Tech IT Students
<b>Total no of Participants</b>	: 65
<b>Objective of the event</b>	: The learning objectives of this course are: <ul style="list-style-type: none"><li>• To provide the knowledge of basic data structures and their implementations.</li><li>• To understand importance of data structures in context of writing efficient programs.</li><li>• To develop skills to apply appropriate data structures in problem solving.</li></ul>
<b>Topics covered</b>	: Time complexity analysis, Arrays (and Vectors obviously), Stack, Queue (Deque), Math based coding questions, Bit Manipulation (Bit Exponentiation, Bit Masking), Linked List (Doubly linked list), Sorting Algos, Strings, Recursion, Backtracking, Hash Map, Set, Heap (priority queue), Multiset, Binary Search, Greedy Approach, Two Pointer Approach, Binary Tree (Binary Search Tree), Dynamic Programming, Graph, Disjoint Set Union, Trie.
<b>Outcome of event</b>	: Students are familiar with <ol style="list-style-type: none"><li>1. basic data structures, their implementation and some of their standard applications</li></ol>

- Design and analyze basic algorithms and prove their correctness using the appropriate data structure learned in the course.

**Description / Report on Event** : Training and Placement Cell organized Data Structures and algorithms for the benefit of III BTech IT students on Data Structures and Algorithms in association with ByteXL India Private Limited, Software Company, Hyderabad. The basic concepts are already covered in their second semester. Data structure and algorithms are very important for getting a placement as it helps one to solve programming related problems and help us in cracking campus placements in no time.

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

**Photograph:**



Signature of Coordinators

(Ms. K. Vinaya Sree Bai)

Signature of HOD

(Mrs. A. Anuradha)

Signature Of Principal

(Dr. K. Srinivas)