



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
(AUTONOMOUS)**

(An ISO:9001-2015 Certified Institution)

Recognized by UGC under Section 2(f) & 12(B) and Accredited with NBA (EEE,ECE,CSE & CIVIL) & NAAC with 'A' Grade  
An Engineering College sponsored by BHARATHI EDUCATIONAL SOCIETY

APPROVED BY AICTE, NEW DELHI

VIDYANAGAR, PRODDATUR-516 360, KADAPA Dt., A.P.

**CSE(AI&ML) -BOS MINUTES OF THE MEETING**

The First Minutes of the Meeting of BOS for the CSE(AI&ML) department in a blended mode was held on 14<sup>th</sup> October 2022 at 10.30 A.M to 12:00 P.M for the Academic year 2022-2023 in the Training & Placement laboratory to discuss the Agenda notified earlier. The following members were present by joining through the Google Meet link which was sent to their respective mail id's .

**Google Meet link:-** <https://meet.google.com/iod-zqpf-ncf>

**BOS Members committee for Department of CSE(AI&ML)**

S.No.	Name	Designation	Category
1	Mr. C.KrupaSagar Reddy	Assistant Professor,Head, Department of CSE(AI&ML), Chaitanya Bharathi Institute of Technology, Proddatur	Chairman
2	Prof. A.Suresh Babu	Professor in CSE &Director, Software Development Centre, JNTUA, Anantapuram	External Subject Expert
3	Dr. Rashmi Ranjan Rout	Associate Professor, Department of CSE NIT, Warangal	External Subject Expert
4	Dr. N. Sreenath	Professor, Department of CSE Pondicherry Technological University Pondicherry.	External Subject Expert
5	Mr.G.Sreenivasa Reddy	Assistant Professor, Dept of CSE, Chaitanya Bharathi Institute of Technology, Proddatur	Internal Subject Expert
6	Mr.Y.Sreedhar	Assistant Professor, Department of CSE & TPO Chaitanya Bharathi Institute of Technology, Proddatur	Internal Subject Expert
7	Sri K. Sreenivasa Ramanujam	Delivery Partner AWS Data Integration, TCS, Bangalore	Industry Expert
8	Mr.T.Subba Rao	Software Engineer, Capgemini Technology Services India Limited, Bangalore	Alumni

## **Proceedings:**

The First Meeting of the CSE(AI&ML) BOS with its newly constituted members for the Academic year 2022-2023 started at 10.30 A.M. under the Chairmanship of Mr. C.KrupaSagar Reddy, HOD, CSE(AI&ML) Department . Initially the Coordinator gave a warm welcome to all the members present. Afterwards the board of studies meeting followed, by taking the agenda into considerations.

## **AGENDA:**

1. Seeking advices for smooth implementation of Autonomous.
- 2.To Discuss on course structure and syllabi of I<sup>st</sup> Semester
- 3.To Discuss on course structure and syllabi of II<sup>nd</sup> Semester
- 4.Any other matter with the permission of the chair.

## **Resolutions Passed:-**

### **Item No:1 Seeking advices for smooth implementation of Autonomous.**

The experts has given valuable inputs for the smooth implementation of the autonomous system and its department.

### **Item No:2 Discussion about the new syllabus of 1<sup>st</sup> semester**

The expert members had gone through the I<sup>st</sup> semester syllabi and recommended some updations.

1. **Dr.A.Suresh Babu** recommended C Programming and Data structures should be combined in First semester.

-The Suggestion is accepted and implemented

Approved course structure is attached to the file Annexure1.

### **Item No:3 Discussion about the new syllabus of 2<sup>nd</sup> semester**

The expert members had gone through the 2<sup>nd</sup> semester syllabi and subjects has been discussed with approved credits.

### **Item No:4 Any other matter with the permission of the chair**

The Chairman observed that all the members had contributed immensely for the discussion of above resolution and finalizing the syllabus of I<sup>st</sup> semester, 2<sup>nd</sup> semester of B.Tech and also guided faculty members for the smooth running of autonomous status. The meeting concluded with the Chairman thanking all the subject experts.

**Virtual Meet held on 14 October 2022 @ 10:30 AM**

My Inbox (12) - krupasagar.challa x Meet - iod-zqpf-ncf x

https://meet.google.com/iod-zqpf-ncf?pli=1

**People**

Add people

In call

- Krupa Sagar (You) Meeting host
- Dr Rashmi Ranjan Rout
- Dr. A. Suresh Babu
- sreedhar yellam
- Sreenath N
- sreenivaas reddy gopired...

**You**

Sreenath N Dr. A. Suresh Babu sreenivaas redd... sreedhar yellam 2 others

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https://meet.google.com/iod-zqpf-ncf?pli=1&authuser=1

Krupa Sagar is presenting

**CBIT** **Programming in C Syllabus**

**Unit - I 08 Hours**

Overview of Computers and Programming – Electronic Computers then and Now, Block diagram of Computer, Computer Hardware, Computer Software, Computer Languages, Algorithm, Flowcharts, Software Development Method, Applying the Software Development Method.

**Unit - II 09 Hours**

Introduction to C Language- Basic Structure of C Programs, C Language Elements, Variable Declarations and Data types, Executable statements, Operators and Expressions, Type Conversion. Decision statements: The if Statement, the if-else statement, the nested if-else statement, the break statement, the continue statement, exit, the switch statement, Loop control statements: the for loop, Nested for loop, while loop, do-while.

**Unit - III 10 Hours**

Arrays – Introduction, one-dimensional arrays, declaration of one-dimensional arrays, Two dimensional arrays, Initializing two-dimensional arrays, Multidimensional arrays.

Sreenath N Krupa Sagar Dr. A. Suresh Babu Srinivasan N sreenivaas reddy gopir... Dr Rashmi Ranjan Rout You

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Krupa Sagar is presenting

## Programming in C, Objectives and Outcomes

**Course Objectives:**

This course is designed to:

- Formulate the algorithms and draw flowcharts for solving problems.
- Illustrate the basic concepts of C programming language.
- Enable the student to create programs using arrays and functions.
- Expose the student to understand pointers and string operations.
- Develop C programs using structures, unions and files.

**Course Outcomes:**

On completion of this course, the students will be able to:

- Understand programming paradigms and develop an algorithm/flowchart for the problems.
- Apply appropriate control structure to solve the given problem.
- Develop the programs using arrays and functions.
- Use arrays, pointers to formulate and write programs.
- Implementation of structures, unions and files using C Programs.

**Participants:**

- Sreenath N
- Krupa Sagar
- Dr. A. Suresh Babu
- Srinivasan N
- sreenivas reddy gopir...
- Dr Rashmi Ranjan Rout
- You

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You're presenting to everyone

## Data Structures Syllabus

**Unit - I** 04 Hours

Introduction to Data Structures: Concept of Data Structures, Overview of Data Structures, Implementation of Data Structures.  
 Arrays: Terminology, One Dimensional array, Multi-Dimensional arrays, Pointer Arrays, Linear Search, Binary Search.

**Unit - II** 09 Hours

Stacks: Introduction, Representation of Stacks, Operations on Stacks, Applications of stacks: Expression Evaluation, Conversion of infix to postfix and prefix expression, Tower of Hanoi Queues: Introduction, Representation of Queues, Operation on Queues, Various Queue Structures, Applications of Queues.

**Unit - III** 09 Hours

Linked Lists: Single Linked List, Circular Linked List, Double Linked List, Circular Double Linked List, Applications of Linked List.

**Participants:**

- sreenivas reddy gopireddy
- Sreenath N
- 5 others

**People**






Add people

In call

- Krupa Sagar (You) Meeting host
- Krupa Sagar Your presentation
- Dr Rashmi Ranjan Rout
- Dr. A. Suresh Babu
- Salma Feroze
- sreedhar yellam

11:06 AM | iod-zqpf-ncf

## Members Present

S.No.	Name	Designation	Category	Signature
1	Mr. C.KrupaSagar Reddy	Head, Department of CSE(AI&ML),Chaitanya Bharathi Institute of Technology, Proddatur	Chairman	
2	Prof. A.Suresh Babu	Professor in CSE & Director, Software Development Centre, JNTUA, Anantapuram	External Subject Expert	
3	Dr.Rashmi Ranjan Rout	Associate Professor, Department of CSE NIT, Warangal	External Subject Expert	Vistually Attended
4	Dr.N.Sreenath	Professor, Department of CSE Pondicherry Technological University Pondicherry.	External Subject Expert	Vistually Attended
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6	Mr.Y.Sreedhar	Assistant Professor, Department of CSE & TPO Chaitanya Bharathi Institute of Technology, Proddatur	Internal Subject Expert	
7	Sri K. Sreenivasa Ramanujam	Delivery Partner AWS Data Integration, TCS, Bangalore	Industry Member	ABSENT
8	Mr.T.Subba Rao	Software Engineer, Capgemini Technology Services India Limited, Bangalore.	Alumni	



HOD

HEAD, Dept. of CSE (AI&ML)  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Vidyanagar, PRODDATUR, Y.S.R. (Dt.) A.P.-516360



PRINCIPAL  
PRINCIPAL

Chaitanya Bharathi Institute of Technology  
Vidyanagar, PRODDATUR, Y.S.R. (Dt.) A.R.-516360

**Annexure :1**

(Course Structure & Syllabi)

**I B. Tech – I Semester**

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00101T	Linear Algebra & Multivariable Calculus	3	-	-	3	3	30	70	100
2.	22E00102T	Engineering Chemistry	3	-	-	3	3	30	70	100
3.	22E00103T	Communicative English	3	-	-	3	3	30	70	100
4.	22E03101T	Engineering Mechanics	3	-	-	3	3	30	70	100
5.	22E05101T	C Programming and Data Structures	3	-	-	3	3	30	70	100
6.	22E00102L	Engineering Chemistry Lab	-	-	3	3	1.5	30	70	100
7.	22E00103L	Communicative English Lab	-	-	3	3	1.5	30	70	100
8.	22E05101L	C Programming and Data Structures Lab	-	-	3	3	1.5	30	70	100
<b>Total:</b>			<b>15</b>	<b>-</b>	<b>09</b>	<b>24</b>	<b>19.5</b>	<b>240</b>	<b>560</b>	<b>800</b>

**I B. Tech – II Semester**

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00201T	Differential Equations & Vector Calculus	3	-	-	3	3	30	70	100
2.	22E00104T	Engineering Physics	3	-	-	3	3	30	70	100
3.	22E03102T	Engineering Drawing	2	-	2	4	3	30	70	100
4.	22E05202T	Advanced Data Structures	3	-	-	3	3	30	70	100
5.	22E02102T	Basic Electrical and Electronics Engineering	3	-	-	3	3	30	70	100
6.	22E00104L	Engineering Physics Lab	-	-	3	3	1.5	30	70	100
7.	22E03201L	Engineering & IT Workshop Lab	-	-	3	3	1.5	30	70	100
8.	22E05202L	Advanced Data Structures Lab	-	-	3	3	1.5	30	70	100
9.	22E00101MC	Environmental Science	2	-	-	2	0	30	--	30
<b>Total:</b>			<b>14</b>	<b>-</b>	<b>11</b>	<b>25</b>	<b>19.5</b>	<b>240</b>	<b>560</b>	<b>800</b>