BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

VALUE ADDED COURSE

06-07-2018

CIRCULAR

This is to inform all B. Tech students that the classes for the value added courses for the academic year 2018-2019 for the regulation R13, R15, R16, will be commenced from 10-07-2018 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	All Branches	I	CRT- JAVA
2	B.Tech	All Branches	I	CRT- C
3	B.Tech	All Branches	I	SAP-ABAP

Training In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Departments of CSE, ECE and EEE Engineering

Conducts Training

On

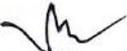## CRT - TECHNICAL

From 05 August 2019 to 15 September 2019

From 10.10 AM to 12.50 PM

Resource Persons:

1. FACE External Trainers

Participants:

- III, IV B.Tech ECE, EEE, CSE and IT Students

Training In-charge

E1

HOD

Course Instructors: FACE External Faculty.   Class: All Branches

Subject: CRT - JAVA

Lecture No	Week	Date	Topics to be Covered
1		13/08/2018	A way of viewing world – Agents and Communities,
2		13/08/2018	Messages and methods, Responsibilities, Classes and Instances
3	1	14/08/2018	Class Hierarchies- Inheritance, Method
4		14/09/2018	binding, Overriding and Exceptions, Summary of Object-Oriented concepts
5		15/09/2018	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators,
6		15/09/2018	expressions, Control Statements, Introducing classes, Methods and Classes, String handling
7		20/10/2018	Inheritance– Inheritance concept, Inheritance basics, Member access,
8		20/10/2018	Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc Polymorphism, pure polymorphism, method overriding.
9	2	21/11/2018	Packages- Defining a Package, CLASSPATH, Access protection, importing packages,
10		21/11/2018	Interfaces- defining an interface, implementing interfaces, Nested interfaces, Applying interfaces, variables in interfaces and extending interfaces
11		22/11/2018	Stream based I/O(java.io) – The Stream classes-Byte streams and Character
12		22/11/2018	streams
13		27/11/2018	Test - I
14		27/12/2018	
15		28/12/2018	Exception handling - Fundamentals of exception handling, Exception types,
16	3	28/12/2018	Termination or presumptive models, Multithreading- Differences between thread-based multitasking and process-based multitasking
17		29/12/2018	The Collections Framework (java.util)- Collections overview, Collection Interfaces,
18		29/01/2019	The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque.
19		04/01/2019	GUI Programming with Swing – Introduction, limitations of AWT
20		04/02/2019	
21		05/02/2019	MVC architecture, components, containers, Understanding Layout Managers, Flow
22	4	05/02/2019	Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
23		06/03/2019	Applets – Applets and HTML, Security Issues, Applets and Applications, passing
24		06/03/2019	parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
25		11/03/2019	Test - II
26		11/03/2019	
27	5	12/04/2019	Projects on Java Programming – Session - I
28		12/04/2019	
29		13/04/2019	Projects on Java Programming – Session - II
30		13/04/2019	
31		05/05/2019	MVC architecture, components, containers, Understanding Layout Managers, Flow
32		05/05/2019	Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout

13		06/05/2019	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets-Creating a Swing Applet, Painting in Swing, A Paint example
14		06/05/2019	
15	6	11/06/2019	Test III
16		11/06/2019	
17		12/07/2019	Projects on Java Programming – Session II
18		12/07/2019	
19		13/07/2019	Projects on Java Programming – Session III
40		12/07/2019	Projects on Java Programming – Session IV
41		12/07/2019	
42		13/07/2019	Comprehensive Test

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Training

On

SAP - ABAP

From 05 August 2019 to 15 September 2019

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mr. Manohar Gosul, Asst. Professor, Dept. of CSE
2. Mr. Dinesh Chandra, Asst. Professor, Dept. of CSE

Participants:

- III, IV B.Tech ECE, EEE, CSE and IT Students

Training In-charge

E1

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
MANGALPALLY (V), IBRAHIMPATNAM (M), R.R.Dist. 501510

Class:IV ECE, EEE, MECH, CSE/IT

Course Instructors: Manohar Gousul/ Mr P.Dinesh Chandra

Subject: SAP- ABAP

Date	Course ID	Unit Content	Lesson Content
1/22/2019		Unit 1: SAP Systems	1: Explaining the Key Capabilities of SAP NetW eaver
			2: Explaining the Architecture of an SAP System, AS ABAP and AS Java
		Unit 2: SAP Portfolio	1: Identifying the Components of the SAP Applications Portfolio
		Unit 4: SAP User Interfaces	1: Accessing AS ABAP systems with SAP GUI
1/24/2019		Unit 7: Flow of an ABAP Program	1: Describing the Processing of ABAP Programs
		Unit 8: ABAP Workbench	1: Introducing the ABAP Workbench
		Unit 8: ABAP Workbench	2: Organizing ABAP Development Projects
1/29/2019		Unit 3: Navigation Basics	1: Navigating with SAP GUI for Windows in AS ABAP Systems
		Unit 4: SAP User Interfaces	1: Accessing AS ABAP systems with SAP GUI
		Unit 5: System Core	1: Explaining AS ABAP and AS Java System Architecture
			2: Identifying the Processes of an AS ABAP System
1/31/2019			3: Processing User Requests in AS ABAP
			4: Explaining Additional Processes of an AS ABAP System
		Unit 8: ABAP Workbench	3: Developing ABAP Programs
			4: Finalizing ABAP Development Projects
		Unit 9: Basic ABAP Language Elements	1: Defining Elementary Data Objects
2/2/2019			2: Using Basic ABAP Statements
			3: Analyzing Programs with the ABAP Debugger
		Unit 10: Modularization Techniques	1: Explaining Modularization
2/5/2019			2: Defining and Calling Subroutines
		Unit 10: Modularization Techniques	3: Calling Function Modules
2/7/2019			4: Creating Function Modules
			5: Describing Business Application Programming Interfaces (BAPIs)
	TAW10_1_15	Unit 6: Communication and Integration	1: Describing Communication with Remote Function Call (RFC)
2/9/2019	ABAP WORKBENCH FUNDAMENT ALS PART1		2: Describing the Basics of Web Services
			3: Describing OData in SAP
2/12/2019		Unit 11: Complex Data Objects	1: Using Structured Data Objects
			2: Using Internal Tables
		Unit 12: Data Modeling and Data Retrieva	1: Explaining Data Models
2/14/2019			2: Retrieving Single Database Records
			3: Retrieving Multiple Database Records
		Unit 12: Data Modeling and Data Retrieva	4: Describing Other Aspects of Database Access
			5: Implementing Authorization Checks
2/15/2019 & 2/16/19			
		Unit 13: Classic ABAP Repor ts	1: Implementing ABAP Lists
2/21/2019			2: Implementing Selection Screens
			3: Implementing Events of ABAP Repor ts
		Unit 14: Program Analysis Tools	1: Improving the Quality of ABAP Code with the Code Inspector
2/23/2019		Unit 15: Program Calls and Memory	1: Calling Programs Synchronously
			2: Describing the ABAP Runtime and Memory Management
		Unit 16: ABAP Open SQ L	1: Implementing Complex WHERE Conditions and Special INTO Clauses
			2: Processing and Aggregating Datasets on the Database
			3: Selecting Data from Multiple Database Tables
		Unit 1: Introduction to the ABAP Dictionary	1: Describing the ABAP Dictionary
2/26/2019		Unit 2: Data Types in the ABAP Dictionary	1: Creating Domains and Data Elements
			2: Creating Flat Structures
2/28/2019		Unit 2: Data Types in the ABAP Dictionary	3: Creating Table Types and Deep Structures
			4: Creating Type Groups
3/2/2019		Unit 3: Database Tables	1: Creating Transparent Tables
			2: Defining Cluster Tables and Pooled Tables
		Unit 4: Performance During Table Access	1: Creating Database Table Indexes
			2: Setting Up Table Buffering
3/5/2019		Unit 5: Input Checks	1: Creating Fixed Values
			2: Defining Foreign Keys to Perform Input Checks
			3: Creating Text Tables
		Unit 6: Dictionary Object Dependencies	1: Differentiating Between Active and Inactive Dictionary Objects
3/7/2019			2: Identifying Dependencies with ABAP Dictionary Objects
		Unit 7: Table Changes	1: Performing a Table Conversion
			2: Enhancing Tables Using Append Structures

Date	Course	Unit	Topic
3/23/2019		Unit 15: Subscreens	1: Creating Subscreens
		Unit 16: Tabstrip Controls	1: Creating Tabstrip Controls
			2: Programming Tabstrip Controls
3/26/2019		Unit 1: Introduction to Object-Oriented	1: Explaining the Object-Oriented Programming Model
			2: Analyzing and Designing with Unified Modeling Language (UML)
		Unit 2: Fundamental Object-Oriented syntax	1: Creating Local Classes
3/28/2019		Unit 2: Fundamental Object-Oriented syntax	2: Creating Objects
			3: Accessing Methods and Attributes
			4: Implementing Constructors in Local Classes
			5: Implementing Class Constructors in Local Classes
		Unit 3: Inheritance and Casting	1: Implementing Inheritance
			2: Implementing Upcasts Using Inheritance
			3: Implementing Polymorphism Using Inheritance
3/30/2019			4: Implementing Downcasts Using Inheritance
		Unit 4: Interfaces and Casting	1: Defining and Implementing Local Interfaces
	TAW12_1_15		2: Implementing Polymorphism Using Interfaces
	ABAP		3: Integrating Class Models Using Interfaces
	WORKBENCH	Unit 5: Object-Oriented Events	1: Implementing Events in Local Classes
	CONCEPTS		2: Implementing Events in Local Interfaces
4/2/2019	PART 1	Unit 6: Object-Oriented Repository Objects	1: Creating Global Classes
			2: Defining and Implementing Global Interfaces
			3: Implementing Inheritance in Global Classes
		Unit 7: ABAP Object-Oriented Examples	1: Using the ABAP List Viewer (ALV)
4/4/2019			2: Describing Business Add-Ins (BAdIs)
		Unit 8: Class-Based Exceptions	1: Explaining Class -Based Exceptions
			2: Defining and Raising Exceptions
			3: Implementing Advanced Exception Handling Techniques
		Unit 9: Object-Oriented Design Patterns	1: Implementing Advanced Object-Oriented Techniques
			2: Implementing the Singleton Pattern
4/9/2019			3: Implementing Factory Classes Using Friendship
		Unit 10: Program Calls and Memory	1: Using Shared Objects
		Unit 11: Dynamic Programming	1: Using Generic Data Types
			2: Describing Data Types, Data Objects, and Objects at Runtime
			3: Creating Data Types, Data Objects, and Objects at Runtime
4/11/2019		Unit 1: Adjustment of SAP Standard Software	1: Adjusting SAP Standard Software
			2: Describing Classic Enhancement Types
		Unit 2: Enhancement of Dictionary Elements	1: Enhancing Tables Using Append Structures and Customizing Includes
			2: Enhancing Texts of Data Elements
4/13/2019		Unit 3: Customer Exits	1: Describing Enhancement Projects
			2: Enhancing Programs Using Program Exits
			3: Enhancing Menus Using Menu Exits
			4: Enhancing Screens Using Screen Exits
		Unit 4: Classic Business Add-Ins	1: Describing an ABAP Objects Interface
			2: Describing Classic Business Add-Ins (BAdIs)
			3: Explaining Additional Details of Business Add-Ins (BAdIs)
		Unit 5: New Business Add-Ins	1: Describing the Change from Classic BAdIs to New BAdIs
			2: Using New Business Add-In (BAdI) Program Exits
			3: Using New Business Add-In (BAdI) Menu Exits
			4: Using New Business Add-In (BAdI) Screen Exits
		Unit 6: Explicit Enhancement Options	1: Describing the Enhancement Framework
4/16/2019			2: Using Explicit Enhancements
	TAW12_2_15	Unit 7: Implicit Enhancements	1: Explaining Implicit Enhancements
	ABAP		2: Implementing Implicit Enhancements in Function Modules
	WORKBENCH		3: Implementing Implicit Enhancements in Global SAP Classes
	CONCEPTS		4: Using Other Implicit Enhancements
	PART 2		5: Using Composite Enhancements
		Unit 8: Modifications of the SAP Standard	1: Modifying SAP Standard Software
			2: Modifying Applications using the Modification Assistant
			3: Implementing User Exits
			4: Adjusting Modifications
		Unit 9: Introduction to Web Dynpro	1: Outlining the Benefits of Web Dynpro
			2: Displaying Web Dynpro Component Architecture
			3: Navigating Between Views
4/18/2019			4: Creating View Assemblies
			5: Identifying Web Dynpro Entities and Relationships
		Unit 10: Web Dynpro Controllers	1: Outlining Controller Types and Entities
		Unit 11: Web Dynpro Context	1: Creating Context Nodes
			2: Setting Context t Node Properties
			3: Sharing Data Between Controllers with Context Mapping
		Unit 12: Web Dynpro User Interface	1: Defining the View Layout
			2: Controlling UI Element Behavior with Data Binding
4/20/2019			3: Using Composite UI Elements
		Unit 13: Controller and Context	1: Outlining Controller Methods and Attributes
			2: Accessing the Context at Runtime with Controller Methods
			3: Adding New Elements to a Context t Node
			4: Implementing Supply Functions

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering

VALUE ADDED COURSE

26-04-2019

CIRCULAR

This is to inform all B.Tech Computer Science & Engineering students that the classes for the value added courses for the academic year 2018-2019 for the regulation R15, R16, will be commenced from 01-06-2019 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	CSE	II-II	2018-19	Python
2	B.Tech	CSE	III-I	2018-19	IOT
3	B.Tech	CSE	IV-I	2018-19	R-programming
4	B.Tech	CSE	II-I	2018-19	C programming
5	B.Tech	CSE	III-I	2018-19	HTML
6	B.Tech	CSE	II-II	2018-19	Web Designing
7	B.Tech	CSE	III-I	2018-19	Android

Program Incharge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

BHARAT
INSTITUTIONS

Department of Information Technology

## VALUE ADDED COURSE

24-04-2019

CIRCULAR

This is to inform all B.Tech **Information Technology** students that the classes for the value added courses for the academic year 2018-2019 for the regulation R15, R16, will be commenced from 01-06-2019 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	IT	III-I	2018-19	Python
2	B.Tech	IT	III-I	2018-19	IOT
3	B.Tech	IT	IV-I	2018-19	R-programming
4	B.Tech	IT	II-I	2018-19	C programming
5	B.Tech	IT	III-I	2018-19	HTML
6	B.Tech	IT	III-I	2018-19	Web Designing
7	B.Tech	IT	III-I	2018-19	Android
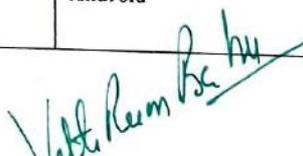
Program In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Summer Training

On

C Programming

From 03 June 2019 to 05 July 2019

From 9.20 AM to 11.00 AM for ECE Students

11.10 AM to 12.50 PM for CSE Students

1.30 PM to 4.00 PM for EEE, CIVIL & Mechanical Students

Resource Persons:

1. DLN Prasuna, Asst. Professor, Dept. of CSE
2. Mrs. Priyadarshini, Asst. Professor, Dept. of CSE

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Electronics and Communication Engineering

Summer Training – 2018-19

Course Instructors: Mrs. QUADRI ZEHRA TAHIR/Ms. BATOOL FATIMA KHALEEL Class: III- II ECE

Subject: Communication Skills

Lecture No	Week	Date	Topics to be Covered
1	1	11/06/2019	Numerical ability, Introduction
2		11/06/2019	
3		11/06/2019	
4		13/06/2019	Numerical Ability Practice session – I
5		13/06/2019	
6		13/06/2019	
7	2	15/06/2019	Numerical Ability Practice session – II
8		15/06/2019	
9		15/06/2019	
10		18/06/2019	Numerical Ability Practice session – III
12		18/06/2019	
13		18/06/2019	
14	3	20/06/2019	
15		20/06/2019	Test – I
16		20/06/2019	
17		22/06/2019	
18		22/06/2019	Verbal Reasoning, Introduction
19		22/06/2019	
20	4	25/06/2019	
21		25/06/2019	Verbal Reasoning, Practice Session – I
22		25/06/2019	
23		27/06/2019	Verbal Reasoning, Practice Session – II
24		27/06/2019	
25		27/06/2019	
26	5	02/07/2019	Verbal Reasoning, Practice Session – III
27		02/07/2019	
28		02/07/2019	
29		04/07/2019	Test - II
30		04/07/2019	
31		04/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Humanities and Sciences

Conducts Technical Training

On

Communication Skills

From 05 July 2019 to 20 October 2019

From 10.10 AM to 12.50 PM

Resource Persons:

5. Mrs. QUADRI ZEHRA TAHIR, Asst. Professor, Dept. of English
6. Ms. BATOOL FATIMA KHALEEL, Asst. Professor, Dept. of English

Participants:

- II-II B.Tech ECE, EEE, Mech, Civil, CSE and IT Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Electronics and Communication Engineering

Summer Training – 2017-18

Course Instructors: Mrs. K. ARPITA BAGGI   Class: III- II ECE

Subject: Communication Skills

Lecture No	Week	Date	Topics to be Covered
1	1	11/06/2018	Numerical ability, Introduction
2		11/06/2018	
3		11/06/2018	
4		13/06/2018	Numerical Ability Practice session – I
5		13/06/2018	
6		13/06/2018	
7	2	15/06/2018	Numerical Ability Practice session – II
8		15/06/2018	
9		15/06/2018	
10		18/06/2018	Numerical Ability Practice session – III
12		18/06/2018	
13		18/06/2018	
14	3	20/06/2018	
15		20/06/2018	Test – I
16		20/06/2018	
17		22/06/2018	
18		22/06/2018	Verbal Reasoning, Introduction
19		22/06/2018	
20	4	25/06/2018	
21		25/06/2018	Verbal Reasoning, Practice Session – I
22		25/06/2018	
23		27/06/2018	Verbal Reasoning, Practice Session – II
24		27/06/2018	
25		27/06/2018	
26	5	02/07/2018	Verbal Reasoning, Practice Session – III
27		02/07/2018	
28		02/07/2018	
29		04/07/2018	Test - II
30	,	04/07/2018	
31		04/07/2018	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

Python

From 05 July 2018 to 20 October 2018

From 10.10 AM to 12.50 PM

Resource Persons:

1. Dr. P. Velumurugan, Asst. Professor, Dept. of CSE
2. Mrs. Farhana Bano, Asst. Professor, Dept. of CSE

Participants:

- II-II B.Tech CSE and IT Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2018-19

Class: III CSE/IT

Course Instructors: Dr. P. Velumurugan/Mrs. Farhana Bano

Subject: Python

Lecture No	Date	Topics to be Covered
1	09/07/2018	Introduction To Python Installation and Working with Python Understanding
2	09/07/2018	Python variables Python basic Operators Understanding python blocks
3	10/07/2018	Python Data Types Declaring and using Numeric data types: int, float, complex
4	10/07/2018	Using string data type and string operations Defining list and list slicing Use of Tuple data type
5	16/07/2018	Python Program Flow Control Conditional blocks using if, else and elif Simple for
6	16/07/2018	loops in python For loop using ranges, string, list and dictionaries Use of while loops in python Loop manipulation using pass, continue, break and else Programming using Python conditional and loops block
7	17/07/2018	Python Functions, Modules And Packages Organizing python codes using
8	17/07/2018	functions Organizing python projects into modules Importing own module as well as external modules Understanding Packages Powerful Lamda function in python Programming using functions, modules and external packages
9	23/07/2018	Practical Session - I
10	23/07/2018	
11	24/07/2018	Practical Session - III
12	24/07/2018	
13	30/07/2018	Practical Session - III
14	30/07/2018	
15	31/07/2018	Python String, List And Dictionary Manipulations Building blocks of python
16	31/07/2018	programs Understanding string in build methods List manipulation using in build methods Dictionary manipulation Programming using string, list and dictionary in build functions
17	06/08/2018	Python File Operation Reading config files in python Writing log files in python
18	06/08/2018	Understanding read functions, read(), readline() and readlines() Understanding write functions, write() and writelines() Manipulating file pointer using seek Programming using file operations
19	07/08/2018	Practical Session – IV
20	07/08/2018	
21	13/08/2018	Practical Session – V
22	13/08/2018	
23	14/08/2018	Test - I
24	14/08/2018	
25	20/08/2018	Python Object Oriented Programming – Oops Concept of class, object and
26	20/08/2018	instances Constructor, class attributes and destructors Real time use of class in live projects Inheritance , overlapping and overloading operators Adding and retrieving dynamic attributes of classes Programming using Oops support
27	21/08/2018	Python Regular Expression Powerful pattern matching and searching Power of
28	21/08/2018	pattern searching using regex in python Real time parsing of networking or system data using regex Password, email, url validation using regular expression Pattern finding programs using regular expression

29	27/08/2018	Python Exception Handling Avoiding code break using exception handling Safe
30	27/08/2018	guarding file operation using exception handling Handling and helping developer with error code Programming using Exception handling
31	28/08/2018	Practical Session - VI
32	28/08/2018	
33	03/09/2018	Practical Session – VII
34	03/09/2018	
35	04/09/2018	Test - II
36	04/09/2018	
37	11/09/2018	Python Database Interaction SQL Database connection using python Creating
	11/09/2018	and searching tables Reading and storing config information on database Programming using database connections
38	17/09/2018	Python Multithreading Understanding threads Forking threads Synchronizing
39	17/09/2018	the threads Programming using multithreading
40	18/09/2018	Contacting Use r Through Emails Using Python Installing smtp python module
41	18/09/2018	Sending email Reading from file and sending emails to all users addressing them directly for marketing
42	24/09/2018	Python CGI Introduction Writing python program for CGI applications Creating
43	24/09/2018	menus and accessing files Server client program
44	25/09/2018	Practical Session - VIII
45	25/09/2018	
46	01/10/2018	Practical Session – IX
47	01/10/2018	
48	08/10/2018	Practical Session – X
49	08/10/2018	
50	09/10/2018	Practical Session – XI
51	09/10/2018	
52	15/10/2018	Practical Session – XII
53	15/10/2018	
54	16/10/2018	Test - III
55	16/10/2018	

Signature of the Faculty
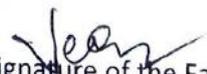
BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2018-19

Course Instructors: Mr V Veerabhadram

Class: III CSE/IT

Subject: Internet of Things

Lecture No	Week	Date	Topics to be Covered
1	1	13/06/2019	IOT concepts: Technologies that led to evolution of IOT
2		13/06/2019	IOT and SCADA, IOT and M2M
3		14/06/2019	IOT and Big Data
4		14/06/2019	IOT Standards: Requirement of international standard (case study)
5		15/06/2019	IOT standards in practice.
6		15/06/2019	Operating platforms /systems
7	2	20/06/2019	Components of IOT System.(Lab) : Design of IOT systems, Development of prototypes.
8		20/06/2019	Components of IOT System.(Lab) : Design of IOT systems, Development of prototypes.
9		21/06/2019	Relevance of IOT for the future: IOT in everyday life, Internet of Everything
10		21/06/2019	IOT and Individual Privacy.
12		22/06/2019	IOT Applications: Lighting as a service (case study)
13		22/06/2019	Intelligent Traffic systems (case study)
14	3	27/06/2019	Smart Parking (case study)
15		27/06/2019	
16		28/06/2019	Smart water management (case study
17		28/06/2019	
18		29/06/2019	IOT in Indian Scenario: IOT and Aadhaar
19		29/06/2019	
20	4	04/07/2019	Project for students: IOT for health services.
21		04/07/2019	
22		05/07/2019	Project for students: IOT for financial inclusion
23		05/07/2019	
24		06/07/2019	IOT for rural empowerment.
25		06/07/2019	
26	5	11/07/2019	Challenges in IOT implementation: Big Data Management.
27		11/07/2019	Connectivity challenges, Mission critical applications.
28		12/07/2019	Laboratory Practice
29		12/07/2019	
30		13/07/2019	Project
31		13/07/2019	

Signature of the Facult

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

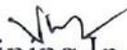## **IOT**

From 03 June 2019 to 05 July 2019

From 9.20 AM to 11.00 AM

Resource Persons:

1. Mr V Veerabhadram, Asst. Professor, Dept. of CSE

Participants:

III –I B. Tech CSE Students

Training In-charge

HOD

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

HTML

From 15 August 2019 to 10 October 2019

From 1.30 PM to 4.00 PM

Resource Persons:

1. Mr Romy Sinha, Asst. Professor, Dept. of CSE
2. Mrs. K.S. Parimala,, Asst. Professor, Dept. of CSE

Participants:

III – I B. Tech CSE Students

Training In-charge

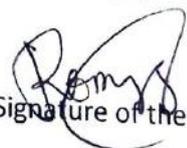HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Computer Science and Engineering

Summer Training – 2018-19

Course Instructors: Mr Romy Sinha/Mrs. K.S. Parimala   Class: III CSE/IT

Subject: HTML

Lecture No	Week	Date	Topics to be Covered
1	1	13/06/2019	Module 1: Web Programming Introduction
2		13/06/2019	Web Development Introduction
3		14/06/2019	Module 2: HTML – Introduction, History of HTML
4		14/06/2019	HTML Tags and Attributes
5		15/06/2019	HTML Tags Vs Element
6		15/06/2019	Differentiate HTML Document Versions
7	2	20/06/2019	Module 3: HTML- Basic Formatting Tags: HTML Basic Tags, Formatting Tags, HTML Color Coding
8		20/06/2019	
9		21/06/2019	Module 4: HTML- Grouping Using Div Span
10		21/06/2019	Div and Span Tags for Grouping
12		22/06/2019	Module 5: HTML- Lists: Unordered Lists, ordered lists, Definition list
13		22/06/2019	
14	3	27/06/2019	Module 6: HTML- Images: Image and Image Mapping
15		27/06/2019	
16		28/06/2019	Module 7: HTML- Hyperlink : URL- Uniform Resource Locator
17		28/06/2019	
18		29/06/2019	Module 8: HTML – Table
19		29/06/2019	
20	4	04/07/2019	Module 9: HTML – Iframe: Attributes using & iframe as the target
21		04/07/2019	
22		05/07/2019	Module 10: HTML- Form
23		05/07/2019	
24		06/07/2019	Module 11: HTML- Headers
25		06/07/2019	
26	5	11/07/2019	Module 12: HTML MIscallaneous: HTML Meta Tag, XHTML, HTML Deprecated Tags & Attributes
27		11/07/2019	
28		12/07/2019	Module 13: CSS2 Introduction, Benefits of CSS, Versions History, CSS Syntax
29		12/07/2019	
30		13/07/2019	Project
31		13/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

<u>Android</u>

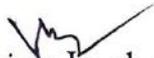From 05 July 2019 to 20 October 2019

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mr. Shiva Prasad, Asst. Professor, Dept. of CSE
2. Mrs. Y. Sirisha, Asst. Professor, Dept. of CSE

Participants:

- III-I B.Tech CSE and IT Students

Training In-charge

E1

HOD

Ibrahimpatnam - 501 510, Hyderabad
Department of Computer Science and Engineering
SUMMER TARINING: 2018-19

Course Instructors: Mr. Shiva Prasad / Mrs. Y. Sirisha   Class: III-I CSE/IT

Subject: ANDROID

Lecture No.	Week	Date	Topics to be covered
1.		10/06/19	**CHAPTER 1**: Introduction to Android. Smartphone features.
2.		10/06/19	**CHAPTER 2:** Installing the SDK. Creating Android Emulator.
3.	1	11/06/19	Installing Eclipse. Installing Android development tools. Choosing which Android version to use.
4.		11/06/19	**CHAPTER 3:** Android Life cycle. Android applications structure.
5.		12/06/19	**CHAPTER 4:** Creating a project.
6.		12/06/19	Working with android manifest.XML Various controls. Layouts
7.		17/06/19	**CHAPTER 5:** Text controls, Button controls, Images, Supporting Multiple Screen
8.		17/06/19	Examples
9.	2	18/06/19	**CHAPTER 6:** Activities.
10.		18/06/19	Application context. Intent
11.		19/06/19	WebView
12.		19/06/19	**CHAPTER 7:** List View.
13.		24/06/19	Spinner
14.		24/06/19	AutoComplete Textview.
15.	3	25/06/19	MultiAutoComplete Textview.
16.		25/06/19	**CHAPTER 8:** Toast. Dialogue Notification.
17.		26/06/19	Statusbar Notification
18.		26/06/19	**CHAPTER 9:** Option Menu.
19.		01/07/19	Context Menu. Google Map.
20.		01/07/19	**CHAPTER 10:** File .Shared Preferences.
21.		02/07/19	Database (SQLite database). Creation of .apk files.
22.	4	02/07/19	**CHAPTER 11:** Web services. HTTP client.
23.		03/07/19	XML and JSON.
24.		03/07/19	Revision
25.		08/07/19	Project 1
26.		08/07/19	Project 2
27.		09/07/19	Project 3
28.	5	09/07/19	Seminar Presentation
29.		10/07/19	Seminar Presentation
30.		10/07/19	

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

R Programming

From 05 July 2019 to 20 October 2019

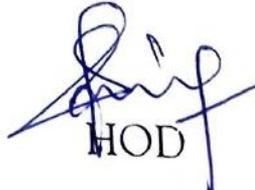From 10.10 AM to 12.50 PM

Resource Persons:

3. Dr. Madana Mohan , Associate. Professor, Dept. of CSE
4. Mrs. P. Priya, Asst. Professor, Dept. of CSE

Participants:

- IV-I B.Tech CSE and IT Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam - 501 510, Hyderabad
Department of Computer Science and Engineering
SUMMER TARINING: 2018-19

Class: IV-I CSE/IT

Course Instructors: Dr. R. Madana Mohana / Mrs. P. Priya

Subject: INTRODUCTION TO R PROGRAMMING

Lecture No.	Week	Date	Topics to be covered
1.	1	10/06/19	Why R and Installation Procedure
2.		10/06/19	Introduction _ Help _ Demo examples _ packages _ libraries
3.		11/06/19	Introduction _ Command line _ Data editor _ Rstudio
4.		11/06/19	Basics in Calculations
5.		12/06/19	Basics of Calculations _ Calculator _ Built in Functions Assignments
6.		12/06/19	Basics of Calculations _ Functions _ Matrices
7.	2	17/06/19	Basics Calculations: Matrix Operations
8.		17/06/19	Basic calculations: Missing data and logical operators
9.		18/06/19	Basic calculations: Logical operators
10.		18/06/19	Basics calculations: Truth table and conditional executions
11.		19/06/19	Basics calculations: Conditional executions and loops
12.		19/06/19	Basics calculations: Loops
13.	3	24/06/19	Data management: Sequences
14.		24/06/19	Data management : Repeats
15.		25/06/19	Data management : Sorting and Ordering
16.		25/06/19	Data management : Lists
17.		26/06/19	Data management : Vector indexing
18.		26/06/19	Data management: Factors
19.	4	01/07/19	Strings -Display and Formatting, Print and Format Functions
20.		01/07/19	Strings - Display and Formatting, Print and Format with Concatenate
21.		02/07/19	Strings - Display and Formatting, Paste Function
22.		02/07/19	Strings - Display and Formatting, Splitting
23.		03/07/19	Strings - Display and Formatting, Replacement_ Manipulations _Alphabets
24.		03/07/19	Strings - Display and Formatting, Replacement and Evaluation of Strings
25.	5	08/07/19	Data frames
26.		08/07/19	Data Handling - Importing CSV and Tabular Data Files
27.		09/07/19	Statistical Functions : Frequency and Partition values
28.		09/07/19	Statistical Functions - Graphics and Plots
29.		10/07/19	Statistical Functions - Central Tendency and Variation
30.		10/07/19	Statistical Functions - Boxplots, Skewness and Kurtosis

I. ICT SUPPORTED LEARNING:

NPTEL Video Course:
https://nptel.ac.in/courses/111104100/

Date: 7th June 2019
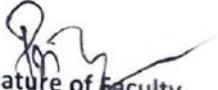
Signature of Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Training

On

WEB DESIGNING

From 05 August 2019 to 15 September 2019

From 10.10 AM to 12.50 PM

Resource Persons:

1. Dr. Anitha Bai, Asst. Professor, Dept. of CSE
2. Mrs. Vijaya Bharathi, Asst. Professor, Dept. of CSE

Participants:

- II-II B.Tech CSE and IT Students

Training In-charge

HOD

Course Instructors: Dr. Anitha Bai / Mrs. Vijaya Bharathi   Class: II CSE/IT

Subject: Web designing

Lecture No	Week	Date	Topics to be Covered
1	1	13/06/2019	Module 1: Introduction to Web Technologies: Domains and Hosting, Careers in Web Technologies and Job Roles, Types of Websites, Client and Server Scripting Languages
2		13/06/2019	
3		14/06/2019	Module 2: Adobe Photoshop: Introduction to Stock Photography, Types of Image Graphics, Introduction to Adobe Photoshop, Color Modes
4		14/06/2019	
5		15/06/2019	Resolution and Presets, Move Tool, Marque Tool, Lasso Tool, Quick Selection, Magic World
6		15/06/2019	
7	2	20/06/2019	Crop, Slicing Tool, Healing Brush, Patch Tool, Brush Tool, History Brush, Eraser Tool
8		20/06/2019	
9		21/06/2019	Pattern Stamp, Clone Stamp, Gradient Tool, Blur and Exposure Tool, Pen Tool, Shape Tool, Text Tool, Other Photoshop Tools
10		21/06/2019	
11		22/06/2019	Layers, Groups and Smart Object, Blending Options, Filter Effects, Client requirement analysis, Real time Website Layout Design, Practical Task in Layout Design
12		22/06/2019	
13	3	27/06/2019	Module 3: Introduction to Adobe Dreamweaver, Dreamweaver Interface Basics, Defining a Dreamweaver site, Insert Toolbar, Common Tools, Layout Tools, Forms Tool, Spry Tools
14		27/06/2019	
15		28/06/2019	Properties Panel, Using Snippets panel, Dreamweaver extensions, Template Design in DW, Editable and Non-Editable Regions, Defining the DWT for project
16		28/06/2019	
17		29/06/2019	Creating sub pages for project
18		29/06/2019	
19	4	04/07/2019	Module 4: jQuery and jQuery UI, Introduction to jQuery, jQuery Features, Installing jQuery, jQuery Syntax , jQuery Ready Function
20		04/07/2019	
21		05/07/2019	jQuery Selectors, jQuery Actions, jQuery plugins, jQuery Validation plugin, jQuery Slideshow, jQuery Dropdown, jQuery UI
22		05/07/2019	
23		06/07/2019	Working with jQueryUI, jQuery Accordions, jQuery Tabs, jQuery Tooltips, jQuery Auto complete.
24		06/07/2019	
25	5	11/07/2019	Module 5: Adobe Flash, Introduction to Animation, Introduction to Adobe, Flash, Tools in Adobe Flash, Shape Tween and Motion Tween, Frame Animation, Various Flash Effects
26		11/07/2019	
27		12/07/2019	Creating Flash Banners, Creating Flash Intro's, Creating Flash Website, Basics of Action Scripting
28		12/07/2019	
29		13/07/2019	Module 6: Web Hosting, Web Hosting Basics, Types of Hosting Packages, Registering domains, Defining Name Servers, Using Control Panel, Creating Emails in Cpanel, Using FTP Client, Maintaining a Website
30		13/07/2019	

Signature of the Faculty

![Bharat Institute logo]

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

ORACLE DATABASE- PROGRAMMING WITH SQL - TASK

From 05 July 2018 to 20 October 2018

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mr. Romy Sinha, Asst. Professor, Dept. of CSE

Participants:

- III-I B.Tech CSE and IT Students

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2018-19

Class: III CSE/IT

Course Instructors: Mr Romy Sinha

Subject: ORACLE DATABASE- PROGRAMMING WITH SQL - TASK

Lecture No	Date	Topics to be Covered
1	09/07/2018	Writing Basic SQL SELECT Statements
2	09/07/2018	
3	10/07/2018	Basic SELECT Statement, Selecting All Column, Selecting Specific Columns, Writing SQL Statements, Column Heading Defaults
4	10/07/2018	
5	16/07/2018	Arithmetic Expressions, Using Arithmetic Operators, Operator Precedence, Using Parentheses Defining a Null Value
6	16/07/2018	
7	17/07/2018	Defining a Null Value, Null Values in Arithmetic Expressions, Defining a Column Alias, Using Column Aliases, Concatenation Operator, Using the Concatenation Operator
8	17/07/2018	
9	23/07/2018	Literal Character Strings, Using Literal Character Strings, Duplicate Rows, Eliminating Duplicate Rows
10	23/07/2018	
11	24/07/2018	Restricting and Sorting Data: Limiting Rows Using a Selection, Limiting the Rows Selected, Using the WHERE Clause, Character Strings and Dates, Comparison Conditions
12	24/07/2018	
13	30/07/2018	Using Comparison Conditions: Other Comparison Conditions, Using the BETWEEN Condition, Using the IN Condition, Using the LIKE Condition, Using the NULL Conditions, Logical Conditions, Using the AND Operator, Using the OR Operator, Using the NOT Operator
14	30/07/2018	
15	31/07/2018	Single-Row Functions: SQL Function, Two Types of SQL Functions, Single-Row Functions, Single-Row Functions, Character Functions, Character Functions, Case Manipulation Functions
16	31/07/2018	
17	06/08/2018	Using Case Manipulation Functions, Character-Manipulation Functions, Using the Character-Manipulation Functions, Number Functions, Using the ROUND Function, Using the TRUNC Function, Using the MOD Function, Working with Dates, Arithmetic with Dates, Using Arithmetic Operators with Dates
18	06/08/2018	
19	07/08/2018	Using Date Functions: Practice 3, Part One: Conversion Functions, Implicit Data Type Conversion, Explicit Data Type Conversion, Using the TO_CHAR Function with Dates, Elements of the Date Format Model, Using the TO_CHAR Function with Dates, Using the TO_CHAR Function with Numbers, Using the TO_NUMBER and TO_DATE Functions, RR Date Format, Example of RR Date Format
20	07/08/2018	
21	13/08/2018	Displaying Data from Multiple Tables
22	13/08/2018	
23	14/08/2018	Practical Session – I
24	14/08/2018	
25	20/08/2018	Practical Session - II
26	20/08/2018	
27	21/08/2018	Practical Session - III
28	21/08/2018	
29	27/08/2018	Practical Session - IV
30	27/08/2018	
31	28/08/2018	Aggregating Data Using Group Functions

32	28/08/2018	
33	03/09/2018	Sub queries
34	03/09/2018	
35	04/09/2018	Manipulating Data
36	04/09/2018	
37	11/09/2018	Creating and Managing Tables
	11/09/2018	
38	17/09/2018	Including Constraints
39	17/09/2018	
40	18/09/2018	Creating Views
41	18/09/2018	
42	24/09/2018	Controlling User Access
43	24/09/2018	
44	25/09/2018	SQL Workshop
45	25/09/2018	
46	01/10/2018	Practical Session - V
47	01/10/2018	
48	08/10/2018	Practical Session - V
49	08/10/2018	
50	09/10/2018	Practical Session - V
51	09/10/2018	
52	15/10/2018	Test – I
53	15/10/2018	
54	16/10/2018	Test – II
55	16/10/2018	

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

VALUE ADDED COURSE

20-04-2019

CIRCULAR

This is to inform all B.Tech Electronics and Communication Engineering students that the classes for the value added courses for the academic year 2018-2019 for the regulation R15, R16, will be commenced from 01-06-2019 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	ECE	III-I	2018-19	Basics of electronic circuit Design
2	B.Tech	ECE	III-I	2018-19	Advanced Embedded system Design
3	B.Tech	ECE	IV-I	2018-19	VLSI Backend Design
4	B.Tech	ECE	II-I	2018-19	MATLAB for communication
5	B.Tech	ECE	III-I	2018-19	C Programming

Program In-charge

Principal

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electronics & Communication Engineering

Conducts Summer Training

On

BASICS OF ELECTRONIC CIRCUIT DESIGN

From 03 June 2019 to 05 July 2019

From 11.10 AM to 12.50 PM

Resource Persons:

1. Mr R Satish Kumar, Asst. Professor, Dept. of ECE
2. Mr.V. Pradeep Kumar, Asst. Professor, Dept of ECE

Participants:

- I B. Tech II SEM ECE Students

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Electronics and Communication Engineering

Summer Training – 2018-19

Class: I-II ECE

Course Instructors: Mr R Satish Kumar/ Mr. V. Pradeep Kumar

Subject: Basics of Electronic Circuit Design

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Introduction to Basic Electronics & Circuits Lab
2		10/06/2019	
3		11/06/2019	Identification of different Electronic Components RLC etc,
4		11/06/2019	
5		12/06/2019	Finding Resistor Values using color coding
6	1	12/06/2019	
7		13/06/2019	Formation of PN Junction Diode
8		13/06/2019	
9		14/06/2019	V-I Characteristics of PN Diode under FB & RB
10		14/06/2019	
11		15/06/2019	Design & Testing of Diode and LED Based Circuits
12		15/06/2019	
13		17/06/2019	BJT Construction and Design
14		17/06/2019	
15		18/06/2019	BUZZER Circuit Design
16		18/06/2019	
17		19/06/2019	Regions of operations of BJT
18	2	19/06/2019	
19		20/06/2019	DC Load-line and Biasing Stability
20		20/06/2019	
21		21/06/2019	Two Port Network parameters
22		21/06/2019	
23		22/06/2019	Input and Output Characteristics of CE Cofig.BJT
24		22/06/2019	
25		24/06/2019	CE Amplifier Design & Testing
26		24/06/2019	
27		25/06/2019	CB Amplifier Design & Testing
28		25/06/2019	
29	3	26/06/2019	CC Amplifier Design & Testing
30		26/06/2019	
31		27/06/2019	Darling Tone Pair Amplifier Design & Testing
32		27/06/2019	
33		28/06/2019	PCB Design of Transistor as switches
34		28/06/2019	

35		29/06/2019	PCB Design of Logic Gates using Diodes
36		29/06/2019	
37		01/07/2019	Astable Multivibrator (Free Running Oscillator)
38		01/07/2019	
39		02/07/2019	TEST- I
40		02/07/2019	
41		03/07/2019	Seminars by Students
42	4	03/07/2019	
43		04/07/2019	Demonstration of PCB's
44		04/07/2019	
45		05/07/2019	Depletion & Enhancement MOSFET Design
46		05/07/2019	
47		06/07/2019	Introduction to IC's
48		06/07/2019	
49		08/07/2019	Inverting Amplifier Using IC 741 Design
50	5	08/07/2019	
51		09/07/2019	Non-Inverting Amplifier Using IC 741 Design
52		09/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electronics & Communication Engineering

Conducts Summer Training

On

ADVANCED EMBEDDED SYSTEM

From 03 June 2019 to 05 July 2019

From 9.20 AM to 11.00 AM

Resource Persons:

3. Dr.Naveen Rathee, Asst. Professor, Dept. of ECE
4. Mr Joy Sangeet Raj, Asst. Professor, Dept of ECE

Participants:

- III B. Tech II SEM ECE Students

Training In-charge

E1

HOD

Course Instructors: Dr.Naveen Rathe/ Mr. Joy Sangeeth Raj   **Class: III-II ECE**

Subject: Advanced Embedded system Design

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	**Introduction of Course (Embedded system Design) & Course Enrollment**
2		10/06/2019	**Refresher Course for Digital Systems**
			i) Number System
			Combinational and Sequential Circuits
3		11/06/2019	**Embedded system Design**
4		11/06/2019	Brief History, Characteristics and Parameters, Selection Criteria, Applications
5		12/06/2019	**Introduction to Microcontrollers**
6	1	12/06/2019	Overview of Architecture of 8051: Processor Core and Functional Block Diagram, Pin Diagram, Description of memory organization, Overview of ALL SFR's and their basic, functionality
7		13/06/2019	**Low Level programming Concepts:**
8		13/06/2019	Addressing Modes, Instruction Set
9		14/06/2019	**Assembly Language programming(ALP)**
10		14/06/2019	Arithmetic (Addition/Subtraction/Multiplication/Division) Square root, Factorial, Palindrome, even, odd, zeros, ones
11		15/06/2019	**Assembly Language programming(ALP)**
12		15/06/2019	largest, smallest, Ascending, Descending, Block Transfer, Prime nos.
13		17/06/2019	**Introduction to Embedded C Programming**
14		17/06/2019	All Syntax learning from ALP to Embedded C
15		18/06/2019	**Embedded C Programming**
16		18/06/2019	Delay generation, I/O basic programming, External Memory Interface
17		19/06/2019	**Embedded C Programming**
18	2	19/06/2019	Interrupt, Timer, Serial
19		20/06/2019	**On board MC51 Interfacing with LED's and LCD Programming / Mini project work**
20		20/06/2019	
21		21/06/2019	**On board MC51 Interfacing with 7 segment and Programming / Mini project work**
22		21/06/2019	
23		22/06/2019	**On board MC51 Interfacing with Sensors and I2C Programming / Mini project work**
24		22/06/2019	
25		24/06/2019	**On board MC51 Interfacing with Serial Transmitter and Display on HyperTerminal Programming / Mini project work**
26	3	24/06/2019	
27		25/06/2019	**On board MC51 Interfacing with Serial Receiver and Display on HyperTerminal to LCD Programming / Mini project work**
28		25/06/2019	

29		26/06/2019	Test - I
30		26/06/2019	
31		27/06/2019	On board MC51 Interfacing with LCD & 7 segment with Keypad and practice of
32		27/06/2019	Menu driven Programming / Mini project work
33		28/06/2019	On board MC51 Interfacing with LDR Sensor and Programming / Mini project work
34		28/06/2019	
35		29/06/2019	On board MC51 Interfacing with LM35 Temperature Sensor and Programming / Mini
36		29/06/2019	project work
37	4	01/07/2019	On board MC51 Interfacing with IR Sensor and Programming / Mini project work
38		01/07/2019	
39		02/07/2019	On board MC51 Interfacing with DC motor and Programming / Mini project work
40		02/07/2019	
41		03/07/2019	On board MC51 Interfacing with Stepper motor using Relays and Line Driver
42		03/07/2019	Programming / Mini project work
43		04/07/2019	On board MC51 Interfacing with CRO trough DAC and Observing various
44		04/07/2019	waveforms like square, Ramp, Triangular and Sine wave / Mini project work
45		05/07/2019	On board MC51 Interfacing with Function generator trough ADC and Observing
46		05/07/2019	Digital values on LCD / Mini project work
47		06/07/2019	On board MC51 Interfacing with RTC and Programming / Mini project work
48		06/07/2019	
49	5	08/07/2019	Test - II
50		08/07/2019	
51		09/07/2019	Evaluation and discussion
52		09/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electronics & Communication Engineering

Conducts Summer Training

On

<u>VLSI BACK END DESIGN</u>

From 03 June 2019 to 05 July 2019

From 11.10 AM to 12.50 PM

Resource Persons:

5. Dr.Maheshwari Vikas, Asst. Professor, Dept. of ECE
6. Mr.D.Sankara Reddy, Asst. Professor, Dept of ECE

Participants:

- III B. Tech II SEM ECE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Electronics and Communication Engineering

Summer Training – 2018-19

Class: III-II ECE

Course Instructors: Dr.Maheshwari Vikas/ Mr.D.Sankara Reddy

Subject: VLSI Back End Design

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Course Introduction, Registration
2		10/06/2019	
3		11/06/2019	VLSI Design Flow
4		11/06/2019	Introduction of MOS devices: N-MOS, P-MOS & CMOS (a) Structure of MOS cells (b) N-MOS V-I characteristics (c) P-MOS V-I characteristics (d)Threshold Voltage
5	1	12/06/2019	Introduction to Mentor Graphics Pyxis Schematic CMOS Inverter design
6		12/06/2019	(a) Transient Analysis (I) rise time (II) fall time (a) Structure of MOS cells (b) N-MOS V-I characteristics (c) P-MOS V-I characteristics (d)Threshold Voltage (III) Delay time W/L ratio and its importance (b) DC Analysis (I) Noise Margin (c) DC Operating Point Analysis (d) Power dissipation
7		13/06/2019	CMOS Inverter Device sizing W/L ratio and its importance
8		13/06/2019	(a) Transient Analysis (I) rise time (II) fall time (III) Delay time (b) DC Analysis (I) Noise Margin (c) DC Operating Point Analysis (d) Power dissipation
9		14/06/2019	Rationed logic, CMOS combinational logic design, Design of Basic gates
10		14/06/2019	(a) Power Consumption, Logic Swing, Noise Margin (b) Design of NAND and NOR gates using CMOS logic (b) Comparison between NAND and NOR gates
11		15/06/2019	Assignment-1:

12			15/06/2019	Transmission gates based design of complex logic circuits, (a) EX-OR Gate design using Transmission gates (b) Design of A-O-I (AND-OR-Inverter) cells and OAI (OR-AND-Inverter) cells
13			17/06/2019	Design a CMOS 1-bit full adder (a) Delay time (b) Power consumption (c) Power-delay product
14			17/06/2019	
15			18/06/2019	Case study of various full adders (a) Delay time (b) Power consumption (c) Power-delay product
16			18/06/2019	
17			19/06/2019	(a) Introduction to Backend VLSI Design flow (b) Introduction to Stick Diagrams (c) Introduction to Mentor Graphics: Schematic Driven Layout (SDL)
18			19/06/2019	
19		2	20/06/2019	Layout Design: (a) CMOS Inverter layout (b) CMOS NAND layout (c) CMOS NOR layout Design Rule: Revision: complete VLSI design flow (I) Micron based rules (II) Lambda based rules
20			20/06/2019	
21			21/06/2019	Introduction to Mentor Graphics layout verification tool: (a) Calibre DRC (b) Calibre LVS (C) Calibre PEX Preparation of GDS-II File
22			21/06/2019	
23			22/06/2019	Assignment II: Draw layout for 4-bit full adder Verify the layout using (a) Calibre DRC (b) Calibre LVS (C) Calibre PEX
24			22/06/2019	
25		3	24/06/2019	Back notation and Post layout simulation (a) CMOS inverter post layout (a) Calibre DRC (b) Calibre LVS (C) Calibre PEXsimulation
26			24/06/2019	
27			25/06/2019	Optimum Gate Ordering of CMOS Logic Gates Using Euler Path Approach: Some Insights and Explanations
28			25/06/2019	
29			26/06/2019	Placement and routing
30			26/06/2019	
31			27/06/2019	Design a Ring Oscillators (a) Transient Analysis (b) Calculating Operating frequency
32			27/06/2019	
33			28/06/2019	CMOS Differential Amplifier and its

34		28/06/2019	analysis. (a) List of projects (b) Specifications (c) Project allocation (d) Faculty Allocation
35		29/06/2019	Assignment III:Design a 2-bit ALU for AND operation, OR operation, Addition operation, Subtraction operation
36		29/06/2019	
37		01/07/2019	Revision: complete VLSI design flow
38		01/07/2019	
39		02/07/2019	Project: (a) List of projects (b) Specifications (c) Project allocation (d) Faculty Allocation
40		02/07/2019	
41	4	03/07/2019	Project
42		03/07/2019	
43		04/07/2019	Project
44		04/07/2019	
45		05/07/2019	Project
46		05/07/2019	
47		06/07/2019	Project
48		06/07/2019	
49	5	08/07/2019	Project Evaluation
50		08/07/2019	
51		09/07/2019	Project Evaluation
52		09/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electronics & Communication Engineering

Conducts Summer Training

On

MATLAB for Communications

From 03 June 2019 to 05 July 2019

From 9.20 AM to 12.50 PM

Resource Persons:

1. Dr.K.S Balamurgan, Associate Professor, Dept. of ECE
2. Mrs. Ch. Kranthi Rekha, Asst. Professor, Dept of ECE

Participants:

- II B. Tech II SEM ECE Students

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Electronics and Communication Engineering
Summer Training – 2018-19
Course Instructors: Dr.K. S. BalaMurugan/ Mrs.CH. Kranthi Rekha   Class: II-II ECE

Subject: MATLAB for Communications

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Introduction to MATLAB, Arithmetic, logical, Matrix operations
2		10/06/2019	Generation of basic signals, Plotting of signals
3		11/06/2019	Introduction to 2-D signal processing and its Industrial Applications
4		11/06/2019	Implementation of 2-D signals
5		12/06/2019	1-D, 2-D Convolution
6		12/06/2019	Test 1
7	1	13/06/2019	1-D, 2-D Signal - Frequency Analysis
8		13/06/2019	Implementation of Image processing Applications
9		14/06/2019	Implementation of ASK and FSK
10		14/06/2019	Implementation of BPSK, QPSK, QAM
11		15/06/2019	Signal and image processing in smart phones – 4G Session - I
12		15/06/2019	
13		17/06/2019	Signal and image processing in smart phones – 4G Session – I
14		17/06/2019	
15		18/06/2019	MATLAB Project - 1
16		18/06/2019	
17		19/06/2019	MATLAB Project – 2
18		19/06/2019	
19	2	20/06/2019	Wireless Waveform Generators for OFDM with Different Antennas Configuration Session - I
20		20/06/2019	
21		21/06/2019	Wireless Waveform Generators for OFDM with Different Antennas Configuration Session – II
22		21/06/2019	
23		22/06/2019	MATLAB Implementation of QAM for antennas Design
24		22/06/2019	
25		24/06/2019	MATLAB Exercises
26		24/06/2019	
27		25/06/2019	Project - 1
28		25/06/2019	
29	3	26/06/2019	Test 2
30		26/06/2019	
31		27/06/2019	Channel Modeling-1
32		27/06/2019	
33		28/06/2019	Channel Modeling-2
34		28/06/2019	Path Loss

Course Instructors: Dr.K. S. BalaMurugan/ Mrs.CH. Kranthi Rekha   **Class: II-II ECE**

Subject: MATLAB for Communications

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Introduction to MATLAB, Arithmetic, logical, Matrix operations
2		10/06/2019	Generation of basic signals, Plotting of signals
3		11/06/2019	Introduction to 2-D signal processing and its Industrial Applications
4		11/06/2019	Implementation of 2-D signals
5		12/06/2019	1-D, 2-D Convolution
6		12/06/2019	Test 1
7	1	13/06/2019	1-D, 2-D Signal - Frequency Analysis
8		13/06/2019	Implementation of Image processing Applications
9		14/06/2019	Implementation of ASK and FSK
10		14/06/2019	Implementation of BPSK, QPSK, QAM
11		15/06/2019	Signal and image processing in smart phones – 4G Session - I
12		15/06/2019	
13		17/06/2019	Signal and image processing in smart phones – 4G Session – I
14		17/06/2019	
15		18/06/2019	MATLAB Project - 1
16		18/06/2019	
17		19/06/2019	MATLAB Project – 2
18		19/06/2019	
19	2	20/06/2019	Wireless Waveform Generators for OFDM with Different Antennas Configuration Session - I
20		20/06/2019	
21		21/06/2019	Wireless Waveform Generators for OFDM with Different Antennas Configuration Session – II
22		21/06/2019	
23		22/06/2019	MATLAB Implementation of QAM for antennas Design
24		22/06/2019	
25		24/06/2019	MATLAB Exercises
26		24/06/2019	
27		25/06/2019	Project - 1
28		25/06/2019	
29	3	26/06/2019	Test 2
30		26/06/2019	
31		27/06/2019	Channel Modeling-1
32		27/06/2019	
33		28/06/2019	Channel Modeling-2
34		28/06/2019	Path Loss

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electrical and Electronics Engineering

VALUE ADDED COURSE

23-04-2019

CIRCULAR

This is to inform all B. Tech **Electrical and Electronics Engineering** students that the classes for the value added courses for the academic year 2018-2019 for the regulation R15, R16, will be commenced from 01-06-2019 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	EEE	III-I	2018-19	summer Training on MATLAB Application to Power Electronics & LABVIEW
2	B.Tech	EEE	III-I	2018-19	summer training on IoT based on Bolt, MATLAB Programming, PCB Design
3	B.Tech	EEE	IV-I	2018-19	Summer Training Practical session on PSPICE
4	B.Tech	EEE	II-I	2018-19	Integration and control of Embedded Electrical systems
5	B.Tech	EEE	II-I	2018-19	C programming

Program In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electrical and Electronics Engineering

Conducts Summer Training

On

MATLAB Application to power Electronics & LABVIEW

From 03 June 2019 to 05 July 2019

From 9.20 AM to 11.00 AM

Resource Persons:

1. Mr Ramji Tiwari, Asst. Professor, Dept. of EEE
2. Mr Sampath, Asst. Professor, Dept. of EEE

Participants:

III – I B. Tech EEE Students

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Electrical and Electronics Engineering
Summer Training – 2018-19

Course Instructors: Mr Ramji Tiwari/ Mr Sampath

Class: II-II EEE

Subject: MATLAB Application to Power Electronics & LABVIEW

Lecture No	Week	Date	Topics to be Covered
1	1	10/06/2019	Review of modern power switching devices
2		10/06/2019	
3		11/06/2019	Thyristor, GTO, MOSFET, BJT, IGBT and MCT
4		11/06/2019	
5		12/06/2019	Drive circuit and switching network for power switching devices; Boost and buck converters using BJT and IGBT circuits
6		12/06/2019	
7		13/06/2019	Thyristor and BJT based converter, phase control,
8		13/06/2019	
9		14/06/2019	Effect on power factor, harmonics, inverter circuit using BJT and MOS devices; PWM technique for voltage and harmonic control.
10		14/06/2019	
11		15/06/2019	Test - I
12		15/06/2019	
13	2	17/06/2019	MATLAB Practice session - I
14		17/06/2019	
15		18/06/2019	MATLAB Practice session – II
16		18/06/2019	
17		19/06/2019	MATLAB Practice session – III
18		19/06/2019	
19		20/06/2019	MATLAB Practice session – IV
20		20/06/2019	
21		21/06/2019	Basic concepts, types of loads, characteristics and operating modes of drive motors;
22		21/06/2019	
23		22/06/2019	Starting, braking and speed control of motors
24		22/06/2019	
25	3	24/06/2019	Four-quadrant drives; Torque and associated controls used in process industries; Application of solid state controllers such as choppers, rectifiers,
26		24/06/2019	
27		25/06/2019	inverters and cyclo-converters in drive systems, and their performance characteristics;
28		25/06/2019	
29		26/06/2019	MATLAB Practice session – V
30		26/06/2019	
31		27/06/2019	MATLAB Practice session – VI
32		27/06/2019	
33		28/06/2019	MATLAB Practice session – VII

34		28/06/2019	
35		29/06/2019	MATLAB Practice session – VIII
36		29/06/2019	
37	4	01/07/2019	Test - II
38		01/07/2019	
39		02/07/2019	Modern trends in industrial drives and control; AC motor drives in transportation system and traction
40		02/07/2019	
41		03/07/2019	Electromagnetic control of motors.
42		03/07/2019	
43		04/07/2019	LAB VIEW introduction, Loops and Execution Structures
44		04/07/2019	
45		05/07/2019	Data Types and Structures, Graphical Programming, Programming Tools
46		05/07/2019	
47		06/07/2019	Signal Processing and power electronic circuit implementation using LABVIEW
48		06/07/2019	
49	5	08/07/2019	Project
50		08/07/2019	
51		09/07/2019	Evaluation & Test - III
52		09/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electrical and Electronics Engineering

Conducts Summer Training

On

IOT based on Bolt, MATLAB Programming, PCB Design

From 03 June 2019 to 05 July 2019

From 11.10 AM to 12.50 PM

Resource Persons:

1. Dr.Ch.Santhan Kumar, Asst. Professor, Dept of EEE
2. Mr T Sukanth, Asst. Professor, Dept of EEE

Participants:

III – I B. Tech EEE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Electrical and Electronics Engineering
Summer Training – 2018-19

Class: I-II EEE

Course Instructors: Dr.Ch.Santhan Kumar / Mr T. Sukanth

Subject: IoT based on Bolt, MATLAB Programming, PCB Design

Lecture No	Week	Date	Topics to be Covered
1	1	10/06/2019	PCB Basics, Menu Bar, Toolbars, Command Toolbar, Placement Toolbar, Route toolbar
2		10/06/2019	
3		11/06/2019	Custom Toolbar, Prompt Toolbar, Status Line, X and Y Coordinates, Grid Toggle Buttons
4		11/06/2019	
5		12/06/2019	View Commands: Zoom Commands, Using Layers, Object/Action Interaction, Placing Objects, Selecting Objects.
6		12/06/2019	
7		13/06/2019	Editing Objects, Properties,
8		13/06/2019	
9		14/06/2019	PCB Design Session
10		14/06/2019	
11		15/06/2019	Circuit design and implementation using PCB Session - I
12		15/06/2019	
13	2	17/06/2019	Circuit design and implementation using PCB Session – II
14		17/06/2019	
15		18/06/2019	Circuit design and implementation using PCB Session – III
16		18/06/2019	
17		19/06/2019	Test -I
18		19/06/2019	
19		20/06/2019	Circuit design and implementation using PCB Session – IV
20		20/06/2019	
21		21/06/2019	Circuit design and implementation using PCB Session - V
22		21/06/2019	
23		22/06/2019	Documenting a Design with Document Toolbox Session - I
24		22/06/2019	
25	3	24/06/2019	Documenting a Design with Document Toolbox Session - II
26		24/06/2019	
27		25/06/2019	Routing Features, Auto Routing
28		25/06/2019	
29		26/06/2019	Test - II
30		26/06/2019	
31		27/06/2019	Design Verification session – I
32		27/06/2019	
33		28/06/2019	Setting up DRC Rules, Design Tab, Layer tab, Rooms Tab, Net Class Tab
34		28/06/2019	

35		29/06/2019	Configuring DRC, Online DRC, finding DRC Errors,
36		29/06/2019	
37		01/07/2019	Project – I
38		01/07/2019	
39	4	02/07/2019	Project – II
40		02/07/2019	
41		03/07/2019	Evaluation of projects
42		03/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electrical and Electronics Engineering

Conducts Summer Training Practical Session

On

P SPICE

From 03 June 2019 to 05 July 2019

From 9.20 AM to 11.00 AM

Resource Persons:

1. Dr Arul Prakash, Associate Professor, Dept of EEE
2. Mr K Srinivasa Rao Asst. Professor, Dept of EEE

Participants:

II – II B. Tech EEE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Electrical and Electronics Engineering
Summer Training – 2018-19

Course Instructors: Mr Dr Arul Prakash / Mr K. Srinivas Rao

Class: I-II EEE

Subject: Practical Session on PSPICE

Lecture No	Week	Date	Topics to be Covered
1	1	10/06/2019	Introduction to PSPICE, Download and installation
2		10/06/2019	
3		11/06/2019	Getting started with Simulation Software, Basic steps of PSPICE
4		11/06/2019	
5		12/06/2019	RL, RC and RLC Circuits simulations in PSPICE
6		12/06/2019	
7		13/06/2019	Half wave and full wave rectifier simulation in PSPICE
8		13/06/2019	
9		14/06/2019	DC Circuits Analysis in PSPSICE
10		14/06/2019	
11		15/06/2019	Linear Resistance calculation
12		15/06/2019	
13	2	17/06/2019	Non linear Resistance calculation
14		17/06/2019	
15		18/06/2019	Parametric DC Sweep calculation
16		18/06/2019	
17		19/06/2019	AC Circuits Analysis in PSPSICE
18		19/06/2019	
19		20/06/2019	Transient Analysis
20		20/06/2019	
21		21/06/2019	AC Sweep Analysis
22		21/06/2019	
23		22/06/2019	Inverting and non-inverting amplifier design and simulation using PSPICE
24		22/06/2019	
25	3	24/06/2019	Case studies for real time applications session - I
26		24/06/2019	
27		25/06/2019	Case studies for real time applications session - II
28		25/06/2019	
29		26/06/2019	Buck converter design and simulation using PSPICE
30		26/06/2019	
31		27/06/2019	Low pass and High Pass filter design using PSPICE
32		27/06/2019	
33		28/06/2019	Test - I
34		28/06/2019	

35		29/06/2019	Digital System simulation using PSPICE
36		29/06/2019	
37		01/07/2019	Design and simulation of Multiplexer using PSPICE
38		01/07/2019	
39		02/07/2019	Digital D Flip flop design using PSPICE
40		02/07/2019	
41		03/07/2019	Half Adder and Full Adder with PSPICE simulation Software
42		03/07/2019	
43	4	04/07/2019	High Pass Filter design using PSPICE
44		04/07/2019	
45		05/07/2019	Digital Encoder design and simulation PSPICE
46		05/07/2019	
47		06/07/2019	Case studies for real time applications session – I report evaluation
48		06/07/2019	
49		08/07/2019	Case studies for real time applications session – II report evaluation
50	5	08/07/2019	
51		09/07/2019	Test - II
52		09/07/2019	
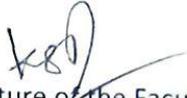
Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electrical and Electronics Engineering

Conducts Technical Training

On

Integration and Control of Embedded Electrical systems

From 03 June 2019 to 03 July 2019

From 1.30 PM to 4.00 PM

Resource Persons:

1. Mr.B.Vasanth Reddy, Asst. Professor, Dept of EEE
2. Mr Basava Reddy, Asst. Professor, Dept of EEE

Participants:

III – II B. Tech EEE Students

Training In charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Electrical and Electronics Engineering
Summer Training – 2018-19

Course Instructors: Mr.B.Vasanth Reddy/ MR. Basav Reddy   Class: III- II EEE

Subject: Integration and control of Embedded Electrical systems

Lecture No	Week	Date	Topics to be Covered
1		11/06/2019	Introduction & Overview: Characteristics of Embedding Computing Applications, Concept of Real time Systems, Challenges in Embedded System Design
2		11/06/2019	
3		11/06/2019	
4	1	13/06/2019	Design Process: Requirements, Specifications, Architecture Design, Designing of Components, System Integration
5		13/06/2019	
6		13/06/2019	
7		15/06/2019	Embedded System Architecture, Instruction Set Architecture, CISC and RISC instruction set architecture
8		15/06/2019	
9	2	15/06/2019	
10		18/06/2019	Basic Embedded Processor/Microcontroller Architecture: CISC Examples Mctorola (68HC11) Example, 8051
12		18/06/2019	
13		18/06/2019	
14		20/06/2019	RISC Example: ARM, DSP Processors, Harvard Architecture, PIC
15		20/06/2019	
16	3	20/06/2019	
17		22/06/2019	Design Examples: Data Compressor, Alarm Clock, Programming Embedded Systems
18		22/06/2019	
19		22/06/2019	
20		25/06/2019	Program Design: Design Patterns for Embedded Systems, Models of Program, Control and Data flow Graph
21		25/06/2019	
22	4	25/06/2019	
23		27/06/2019	Embedded Control Applications, PID Controllers
24		27/06/2019	
25		27/06/2019	
26		02/07/2019	Fuzzy Logic Controller, Application Examples: Washing Machine, Automotive Systems, Auto-focusing digital camera, Air-conditioner, Embedded System Development
27		02/07/2019	
28		02/07/2019	
29		04/07/2019	Architectural Design: Hardware-Software, Partitioning, Hardware- Software Integration,
30	5	04/07/2019	
31		04/07/2019	
32		05/07/2019	Fault-tolerance Techniques: Reliability Evaluation Techniques
33		05/07/2019	
34		05/07/2019	

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recognised by the Govt. of T.S. and Affiliated to JNTUH)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414 - 252313 / 399 / 642 / 644.   Fax : 08414 - 252647.   E-mail : bietadmn@gmail.com

BHARAT
INSTITUTIONS

Department of Civil Engineering

VALUE ADDED COURSE

24-06-2019

CIRCULAR

This is to inform all B.Tech Civil Engineering students that the classes for the value added courses for the academic year 2018-2019 for the regulation R15, R16, will be commenced from 01-06-2019 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	CIVIL	III-I	2018-19	SUMMER TRAINING ADVANCE SURVEYING USING TOTAL STATION & GIS
	B.Tech	CIVIL	III-I	2018-19	SUMMER TRAINING PRACTICAL SESSION ON BUILDING CONSTRUCTION
	B.Tech	CIVIL	IV-I	2018-19	SUMMER TRAINING STRUCTURAL DESIGN USING STAAD PRO V 8.0i
	B.Tech	CIVIL	II-I	2018-19	C programming

Program In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of CIVIL Engineering

Conducts Summer Training

On

ADVANCE SURVEYING USING TOTAL STATION & GIS

From 03 June 2019 to 07 July 2019

From 9.20 AM to 11.00 AM

Resource Persons:

1. , Asst. Professor, Dept of CIVIL
2. , Asst. Professor, Dept of CIVIL

Participants:

III – II B. Tech CIVIL Students

Training In-charge

E1

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Civil Engineering
Summer Training – 2018-19

Class: II-II CIVIL

Course Instructors: Mr. Nagaraju

Subject: ADVANCE SURVEYING USING TOTAL STATION & GIS

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Explanation of building.
2		10/06/2019	Purpose of building e.g. accommodation, keep off inclement weather, social, commercial, industrial, etc. Types of building: - domestic building, public building, e.g. bungalow, hospital, market, office
3		11/06/2019	Differences in the types of building.
4		11/06/2019	- Timber - Sandcrete - Landcrete - Pisé - Wattle and Daub
5		12/06/2019	Materials for building, e.g. Wood, cement, bricks tiles, iron sheet, louvers
6	1	12/06/2019	Comparison of materials for domestic and public buildings
7		13/06/2019	Teams in the building process
8		13/06/2019	- client team - contractor"s team - statutory personnel
9		14/06/2019	Members in the building teams
10		14/06/2019	
11		15/06/2019	Relationship(s) between teams in the building process.
12		15/06/2019	- Client organization - Architect/ Engineer - client organization - Architect/Contractor - Statutory Organs - Public - Site Organization
13		17/06/2019	Features of Bills of Quantities
14		17/06/2019	
15		18/06/2019	Materials schedule
16		18/06/2019	
17		19/06/2019	Labour schedule
18	2	19/06/2019	
19		20/06/2019	Construction
20		20/06/2019	Finance
21		21/06/2019	Project – I
22		21/06/2019	
23		22/06/2019	Project - II
24		22/06/2019	

25		24/06/2019	Working drawings:
26		24/06/2019	Items in the working drawings: - elevations - plans - sections
27		25/06/2019	Purposes of items in working drawing.
28		25/06/2019	
29	3	26/06/2019	Functions of Grid lines.
30		26/06/2019	- ground formation Block Plan – Sketch.
31		27/06/2019	Practice Sessions on Block plan and Sketch - I
32		27/06/2019	
33		28/06/2019	Practice Sessions on Block plan and Sketch - II
34		28/06/2019	
35		29/06/2019	Practice Sessions on Block plan and Sketch - III
36		29/06/2019	
37		01/07/2019	Test - I
38		01/07/2019	
39		02/07/2019	Types of plan:
40		02/07/2019	- site plan - block plan - foundation plan - ground floor plan
41	4	03/07/2019	Practice Sessions
42		03/07/2019	
43		04/07/2019	Test - II
44		04/07/2019	
45		05/07/2019	Evaluation
46		05/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of CIVIL Engineering

Conducts Summer Training Practical Session

On

Building Construction

From 03 June 2019 to 07 July 2019

From 11.10 PM to 12.50 PM

Resource Persons:

1. , Asst. Professor, Dept of CIVIL
2. , Asst. Professor, Dept of CIVIL

Participants:

III – II B. Tech CIVIL Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Civil Engineering
Summer Training – 2018-19

Class: III-II CIVIL

Course Instructors: Mr. Nagaraju

Subject: Building Construction

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Explanation of building.
2		10/06/2019	Purpose of building e.g. accommodation, keep off inclement weather, social, commercial, industrial, etc. Types of building: - domestic building, public building, e.g. bungalow, hospital, market, office
3		11/06/2019	Differences in the types of building.
4		11/06/2019	- Timber - Sandcrete - Landcrete - Pisé - Wattle and Daub
5		12/06/2019	Materials for building, e.g. Wood, cement, bricks tiles, iron sheet, louvers.
6	1	12/06/2019	Comparison of materials for domestic and public buildings
7		13/06/2019	Teams in the building process
8		13/06/2019	- client team - contractor"s team - statutory personnel
9		14/06/2019	Members in the building teams
10		14/06/2019	
11		15/06/2019	Relationship(s) between teams in the building process.
12		15/06/2019	- Client organization - Architect/ Engineer - client organization - Architect/Contractor - Statutory Organs - Public - Site Organization
13		17/06/2019	Features of Bills of Quantities
14		17/06/2019	
15		18/06/2019	Materials schedule
16		18/06/2019	
17		19/06/2019	Labour schedule
18		19/06/2019	
19	2	20/06/2019	Construction
20		20/06/2019	Finance
21		21/06/2019	Project – I
22		21/06/2019	
23		22/06/2019	Project - II
24		22/06/2019	

25		24/06/2019	Working drawings:
26		24/06/2019	Items in the working drawings: - elevations - plans - sections
27		25/06/2019	Purposes of items in working drawing
28		25/06/2019	
29		26/06/2019	Functions of Grid lines
30	3	26/06/2019	- ground formation Block Plan – Sketch
31		27/06/2019	Practice Sessions on Block plan and Sketch - I
32		27/06/2019	
33		28/06/2019	Practice Sessions on Block plan and Sketch - II
34		28/06/2019	
35		29/06/2019	Practice Sessions on Block plan and Sketch - III
36		29/06/2019	
37		01/07/2019	Test - I
38		01/07/2019	
39		02/07/2019	Types of plan:
40		02/07/2019	- site plan - block plan - foundation plan - ground floor plan
41	4	03/07/2019	Practice Sessions
42		03/07/2019	
43		04/07/2019	Test - II
44		04/07/2019	
45		05/07/2019	Evaluation
46		05/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Civil Engineering

Conducts Summer Training

On

STRUCTURAL DESIGN USING STAAD PRO V 8.01

From 03 June 2019 to 10 July 2019

From 1.30 PM to 4.00 PM

Resource Persons:

1. Mr Vidaya Sagar, Asst. Professor, Dept of Mechanical
2. Mr D Srinivas, Asst. Professor, Dept of Mechanical

Participants:

III – II B. Tech Civil Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Civil Engineering
Summer Training – 2018-19

Class: II-II CIVIL

Course Instructors: Mr. Nagaraju

Subject: STRUCTURAL DESIGN USING STAAD PRO V 8.0i

Lecture No	Week	Date	Topics to be Covered
1		10/06/2019	Overview of Structural Analysis and Design
2		10/06/2019	Calculating Shear Force and Bending Moment values for various supports and load types, Introduction, STAAD.Pro V8i o STAAD Editor
3		11/06/2019	Co-ordinate Systems o Global Vs Local
4		11/06/2019	• Creating a New Project in STAAD. Pro • Units • Model Generation o Creating Nodes & Members • Select Menu
5	1	12/06/2019	Model Editing Tools, Translational Repeat o Circular Repeat o Move o Mirror o Rotate, Insert Node
6		12/06/2019	
7		13/06/2019	Model Editing Tools o Connect Beams Along o Stretch Selected Members o Intersect Selected Members o Merge Selected Members
8		13/06/2019	
9		14/06/2019	Creating Models by using Structure Wizard
10		14/06/2019	Mini Project 1
11		15/06/2019	Support Specification, Member Property Specification Member Offset, Material Specification , Group Specification ,
12		15/06/2019	Loading o Creating a Primary Load o Adding Selfweight
13		17/06/2019	Mini Project
14		17/06/2019	
15		18/06/2019	Test - I
16		18/06/2019	
17		19/06/2019	Assigning Propertie s
18		19/06/2019	Assigning Support s Assigning Loads Structure Analysi s
19	2	20/06/2019	Simply Supported Beam
20		20/06/2019	Analysis of Framed Structu re Applying Floor Loads
21		21/06/2019	Wind Analysis
22		21/06/2019	Seismic Analysis Creating Load Combinatio ns
23		22/06/2019	Dynamic Analysis
24		22/06/2019	Response Spectrum Analysis

				Introduction to FEM
				Analysis of Framed Structure Including Sl abs
25			24/06/2019	Column & Beam Desig n
26			24/06/2019	Reinforced Concrete Desi gn
27			25/06/2019	Test - II
28	3		25/06/2019	
29			26/06/2019	Project - II
30			26/06/2019	
31			27/06/2019	Project – III
32			27/06/2019	
33			28/06/2019	Slab Design
34			28/06/2019	Circular Water Tank Design
				Rectangular Water Tank Design
				Moving Loads
35			29/06/2019	Staircase Analys is
36			29/06/2019	Steel Design
46			05/07/2019	Pushover Analysis

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Mechanical Engineering

VALUE ADDED COURSE

24-06-2019

CIRCULAR

This is to inform all B.Tech **Mechanical Engineering** students that the classes for the value added courses for the academic year 2018-2019 for the regulation R15, R16, will be commenced from 01-06-2019 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	MECH	III-I	2018-19	SUMMER TRAINING ON AUTOCAD, MATLAB, CREO AND ANSYS
2	B.Tech	MECH	II-I	2018-19	C programming
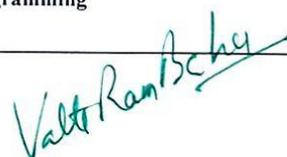
Program In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Mechanical Engineering

Conducts Summer Training

On

AUTOCAD, MATLAB, CREO and ANSYS

From 03 June 2019 to 05 July 2019

From 9.20 AM to 12.50 PM

Resource Persons:

1. Ms. Mounika Naidu , Asst. Professor, Dept of Mechanical
2. Ms. Navya Sree, Asst. Professor, Dept of Mechanical

Participants:

III – II B. Tech EEE Students

Training In-charge   HOD

Course Instructors: Mrs Mounika Naidu / Mrs Navya Sree **Class: III- II Mechanical**

Subject: AUTOCAD, MATLAB, CREO AND ANSYS

Lecture No	Week	Date	Topics to be Covered
1		11/06/2019	Introduction to AUTOCAD
2		11/06/2019	
3	1	11/06/2019	
4		13/06/2019	Sketch Tool Bar and Applications, Modify Toolbar and Applications
5		13/06/2019	
6		13/06/2019	
7		15/06/2019	Annotations, AUTOCAD Exercise Session - I
8		15/06/2019	
9	2	15/06/2019	
10		18/06/2019	3D Module, 3D – Draw Tools and Modify Tools, 3D Modeling & Exercises
12		18/06/2019	
13		18/06/2019	
14		20/06/2019	Assembly & Drafting
15		20/06/2019	
16	3	20/06/2019	
17		22/06/2019	Introduction, 2D Tools- Drawing, Line, Arc, Circle, Rectangle
18		22/06/2019	
19		22/06/2019	
20		25/06/2019	2D Tools, Modifying, Mirror, copy, off set, move, trim
21		25/06/2019	
22	4	25/06/2019	
23		27/06/2019	3D Drawing tools, Extract, Revolve, Sweep, hole
24		27/06/2019	
25		27/06/2019	
26		02/07/2019	3D modifying tools, pattern, mirror, Assembly
27		02/07/2019	
28		02/07/2019	
29		04/07/2019	Practice Session on CREO - I
30		04/07/2019	
31	5	04/07/2019	
32		05/07/2019	Practice Session on CREO - I
33		05/07/2019	
34		05/07/2019	
35		06/07/2019	Test & Evaluation
36		06/07/2019	
37		06/07/2019	

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recognised by the Govt. of T.S. and Affiliated to JNTUH)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414 - 252313 / 399 / 642 / 644,   Fax : 08414 - 252647,   E-mail : bietadmn@gmail.com

VALUE ADDED COURSE

06-07-2017

CIRCULAR

This is to inform all B. Tech students that the classes for the value added courses for the academic year 2017-2018 for the regulation R13, R15, R16, will be commenced from 10-07-2017 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	All Branches	I	CRT- JAVA
2	B.Tech	All Branches	I	CRT- C
3	B.Tech	All Branches	I	SAP-ABAP

Training In-charge

Principal

Principal
Bharat Institute of Engg. and Tech.
Mangalpally(V), Ibrahimpatnam(M),
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

BIET

Conducts Technical Training

By

Campus Recruitment Training Committee (CRT)

From 10 July 2017 to 05 November 2017

&

12 December 2017 to 05 April 2018

Resource Persons:

External Faculty from FACE

Participants:

- I, II & III B. Tech Students from all Branches

Training In-charge

E1

HOD

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

CRT- JAVA

From 05 June 2018 to 10 July 2018

From 10.10 AM to 12.50 PM

Resource Persons:

2. FACE external Faculty

Participants:

- Students from All Branches

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Academic Year – 2017-18

Class: All Branches

Course Instructors: FACE External Faculty

Subject: CRT - JAVA

Lecture No	Week	Date	Topics to be Covered
1	1	13/08/2017	A way of viewing world – Agents and Communities, Messages and methods, Responsibilities, Classes and Instances
2		13/08/2017	
3		14/08/2017	Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions, Summary of Object-Oriented concepts
4		14/09/2017	
5		15/09/2017	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators, expressions, Control Statements, Introducing classes, Methods and Classes, String handling
6		15/09/2017	
7	2	20/10/2017	Inheritance– Inheritance concept, Inheritance basics, Member access, Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc Polymorphism, pure polymorphism, method overriding.
8		20/10/2017	
9		21/11/2017	Packages- Defining a Package, CLASSPATH, Access protection, importing packages, Interfaces- defining an interface, implementing interfaces, Nested interfaces, Applying interfaces, variables in interfaces and extending interfaces
10		21/11/2017	
11		22/11/2017	Stream based I/O(java.io) – The Stream classes-Byte streams and Character streams
12		22/11/2017	
13	3	27/11/2017	Test - I
14		27/12/2017	
15		28/12/2017	Exception handling - Fundamentals of exception handling, Exception types, Termination or presumptive models, **Multithreading**- Differences between thread-based multitasking and process-based multitasking
16		28/12/2017	
17		29/12/2017	The Collections Framework (java.util)- Collections overview, Collection Interfaces, The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque.
18		29/01/2018	
19	4	04/01/2018	**GUI Programming with Swing** – Introduction, limitations of AWT
20		04/02/2018	
21		05/02/2018	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
22		05/02/2018	
23		06/03/2018	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
24		06/03/2018	
25	5	11/03/2018	Test - II
26		11/03/2018	
27		12/04/2018	Projects on Java Programming – Session - I
28		12/04/2018	
29		13/04/2018	Projects on Java Programming – Session - II
30		13/04/2018	
31		05/05/2018	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
32		05/05/2018	

33		06/05/2018	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
34		06/05/2018	
35	6	11/06/2018	Test - III
36		11/06/2018	
37		12/07/2018	Projects on Java Programming – Session - II
38		12/07/2018	
39		13/07/2018	Projects on Java Programming – Session - III
40		12/07/2018	Projects on Java Programming – Session - IV
41		12/07/2018	
42		13/07/2018	Comprehensive test
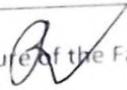
Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Training

on

SAP- ABAP/ SAP-MM

From 10 July 2017 to 05 November 2017

&

12 December 2017 to 05 April 2018

Resource Persons:

External SAP Expert Faculty

Participants:

- III & IV B. Tech Students from all Branches

Training In-charge

E1

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
MANGALPALLY (V), IBRAHIMPATNAM (M), R.R.Dist. 501510

Course Instructors: Manohar Gousul/ Mr P.Dinesh Chandra

Class:IV ECE, EEE, MECH, CSE/IT

Subject: SAP- ABAP

Date	Course ID	Unit Content	Lesson Content
22-01-2018		Unit 1: SAP Systems	1: Explaining the key Capabilities of SAP NetWeaver
			2: Explaining the Architecture of an SAP System, AS ABAP and AS Java
		Unit 2: SAP Portfolio	1: Identifying the Components of the SAP Applications Portfolio
24-01-2018		Unit 4: SAP User Interfaces	1: Accessing AS ABAP systems with SAP GUI
		Unit 7: Flow of an ABAP Program	1: Describing the Processing of ABAP Programs
		Unit 8: ABAP Workbench	1: Introducing the ABAP Workbench
29-01-2018		Unit 8: ABAP Workbench	2: Organizing ABAP Development Projects
		Unit 3: Navigation Basics	1: Navigating with SAP GUI for Windows in AS ABAP Systems
		Unit 4: SAP User Interfaces	1: Accessing AS ABAP systems with SAP GUI
		Unit 5: System Core	1: Explaining AS ABAP and AS Java System Architecture
			2: Identifying the Processes of an AS ABAP System
31-01-2018			3: Processing User Requests in AS ABAP
			4: Explaining Additional Processes of an AS ABAP System
		Unit 8: ABAP Workbench	3: Developing ABAP Programs
			4: Finalizing ABAP Development Projects
		Unit 9: Basic ABAP Language Elements	1: Defining Elementary Data Objects
02-02-2018			2: Using Basic ABAP Statements
			3: Analyzing Programs with the ABAP Debugger
		Unit 10: Modularization Techniques	1: Explaining Modularization
05-02-2018			2: Defining and Calling Subroutines
		Unit 10: Modularization Techniques	3: Calling Function Modules
07-02-2018			4: Creating Function Modules
			5: Describing Business Application Programming Interfaces (BAPIs)
	TAW10_1_15 ABAP WORKBENCH FUNDAMENTALS PART1	Unit 6: Communication and Integration	1: Describing Communication with Remote Function Call (RFC)
09-02-2018			2: Describing the Basics of Web Services
			3: Describing OData in SAP
		Unit 11: Complex Data Objects	1: Using Structured Data Objects
12-02-2018			2: Using Internal Tables
		Unit 12: Data Modeling and Data Retrieval	1: Explaining Data Models
			2: Retrieving Single Database Records
14-02-2018			3: Retrieving Multiple Database Records
		Unit 12: Data Modeling and Data Retrieval	4: Describing Other Aspects of Database Access
			5: Implementing Authorization Checks
2/15/2018 & 2/16/18			
		Unit 13: Classic ABAP Reports	1: Implementing ABAP Lists
21-02-2018			2: Implementing Selection Screens
			3: Implementing Events of ABAP Reports
		Unit 14: Program Analysis Tools	1: Improving the Quality of ABAP Code with the Code Inspector
		Unit 15: Program Calls and Memory	1: Calling Programs Synchronously
23-02-2018			2: Describing the ABAP Runtime and Memory Management
		Unit 16: ABAP Open SQL	1: Implementing Complex WHERE Conditions and Special INTO Clauses
			2: Processing and Aggregating Datasets on the Database
			3: Selecting Data from Multiple Database Tables
		Unit 1: Introduction to the ABAP Dictionary	1: Describing the ABAP Dictionary
26-02-2018		Unit 2: Data Types in the ABAP Dictionary	1: Creating Domains and Data Elements
			2: Creating Flat Structures
		Unit 2: Data Types in the ABAP Dictionary	3: Creating Table Types and Deep Structures
28-02-2018			4: Creating Type Groups
		Unit 3: Database Tables	1: Creating Transparent Tables
02-03-2018			2: Defining Cluster Tables and Pooled Tables
		Unit 4: Performance During Table Access	1: Creating Database Table Indexes
			2: Setting Up Table Buffering
		Unit 5: Input Checks	1: Creating Fixed Values
05-03-2018			2: Defining Foreign Keys to Perform Input Checks
			3: Creating Text Tables
		Unit 6: Dictionary Object Dependencies	1: Differentiating Between Active and Inactive Dictionary Objects
			2: Identifying Dependencies with ABAP Dictionary Objects
07-03-2018		Unit 7: Table Changes	1: Performing a Table Conversion
			2: Enhancing Tables Using Append Structures

Date	Course	Unit	Topic
23-03-2018		Unit 15: Subscreens	1: Creating Subscreens
		Unit 16: Tabstrip Controls	1: Creating Tabstrip Controls
			2: Programming Tabstrip Controls
26-03-2018		Unit 1: Introduction to Object-Oriented	1: Explaining the Object-Oriented Programming Model
			2: Analyzing and Designing with Unified Modeling Language (UML)
		Unit 2: Fundamental Object-Oriented syntax	1: Creating Local Classes
		Unit 2: Fundamental Object-Oriented syntax	2: Creating Objects
28-03-2018			3: Accessing Methods and Attributes
			4: Implementing Constructors in Local Classes
			5: Implementing Class Constructors in Local Classes
		Unit 3: Inheritance and Casting	1: Implementing Inheritance
			2: Implementing Upcasts Using Inheritance
			3: Implementing Polymorphism Using Inheritance
30-03-2018			4: Implementing Downcasts Using Inheritance
		Unit 4: Interfaces and Casting	1: Defining and Implementing Local Interfaces
			2: Implementing Polymorphism Using Interfaces
	TAW12_1_15		3: Integrating Class Models Using Interfaces
	ABAP	Unit 5: Object-Oriented Events	1: Implementing Events in Local Classes
	WORKBENCH		2: Implementing Events in Local Interfaces
02-04-2018	CONCEPTS	Unit 6: Object-Oriented Repository Objects	1: Creating Global Classes
	PART 1		2: Defining and Implementing Global Interfaces
			3: Implementing Inheritance in Global Classes
		Unit 7: ABAP Object-Oriented Examples	1: Using the ABAP List Viewer (ALV)
			2: Describing Business Add-Ins (BAdIs)
04-04-2018		Unit 8: Class-Based Exceptions	1: Explaining Class-Based Exceptions
			2: Defining and Raising Exceptions
			3: Implementing Advanced Exception Handling Techniques
		Unit 9: Object-Oriented Design Patterns	1: Implementing Advanced Object-Oriented Techniques
			2: Implementing the Singleton Pattern
			3: Implementing Factory Classes Using Friendship
09-04-2018		Unit 10: Program Calls and Memory	1: Using Shared Objects
		Unit 11: Dynamic Programming	1: Using Generic Data Types
			2: Describing Data Types, Data Objects, and Objects at Runtime
			3: Creating Data Types, Data Objects, and Objects at Runtime
		Unit 1: Adjustment of SAP Standard Software	1: Adjusting SAP Standard Software
			2: Describing Classic Enhancement Types
11-04-2018		Unit 2: Enhancement of Dictionary Elements	1: Enhancing Tables Using Append Structures and Customizing Includes
			2: Enhancing Texts of Data Elements
		Unit 3: Customer Exits	1: Describing Enhancement Projects
			2: Enhancing Programs Using Program Exits
13-04-2018			3: Enhancing Menus Using Menu Exits
			4: Enhancing Screens Using Screen Exits
		Unit 4: Classic Business Add-Ins	1: Describing an ABAP Objects Interface
			2: Describing Classic Business Add-Ins (BAdIs)
			3: Explaining Additional Details of Business Add-Ins (BAdIs)
		Unit 5: New Business Add-Ins	1: Describing the Change from Classic BAdIs to New BAdIs
			2: Using New Business Add-In (BAdI) Program Exits
			3: Using New Business Add-In (BAdI) Menu Exits
			4: Using New Business Add-In (BAdI) Screen Exits
		Unit 6: Explicit Enhancement Options	1: Describing the Enhancement Framework
			2: Using Explicit Enhancements
16-04-2018		Unit 7: Implicit Enhancements	1: Explaining Implicit Enhancements
			2: Implementing Implicit Enhancements in Function Modules
	TAW12_2_15		3: Implementing Implicit Enhancements in Global SAP Classes
	ABAP		4: Using Other Implicit Enhancements
	WORKBENCH		5: Using Composite Enhancements
	CONCEPTS	Unit 8: Modifications of the SAP Standard	1: Modifying SAP Standard Software
	PART 2		2: Modifying Applications using the Modification Assistant
			3: Implementing User Exits
			4: Adjusting Modifications
		Unit 9: Introduction to Web Dynpro	1: Outlining the Benefits of Web Dynpro
			2: Displaying Web Dynpro Component Architecture
			3: Navigating Between Views
			4: Creating View Assemblies
18-04-2018			5: Identifying Web Dynpro Entities and Relationships
		Unit 10: Web Dynpro Controllers	1: Outlining Controller Types and Entities
		Unit 11: Web Dynpro Context	1: Creating Context Nodes
			2: Setting Context Node Properties
			3: Sharing Data Between Controllers with Context Mapping
		Unit 12: Web Dynpro User Interface	1: Defining the View Layout
			2: Controlling UI Element Behavior with Data Binding
			3: Using Composite UI Elements
		Unit 13: Controller and Context	1: Outlining Controller Methods and Attributes
20-04-2018			2: Accessing the Context at Runtime with Controller Methods
			3: Adding New Elements to a Context Node
			4: Implementing Supply Functions
			Signature of the Faculty

09-03-2018	TAW10_2_15 ABAP WORKBENCH FUNDAMENTALS PART 2	Unit 8: Views and Maintenance Views	1: Creating Database Views
			2: Creating Maintenance Views
			3: Creating View Clusters
12-03-2018		Unit 9: Search Helps	1: Creating Search Helps
			2: Applying Advanced Search Help Techniques
		Unit 10: Selection Screens	1: Implementing a Selection Screen
			2: Implementing Multiple Selection Screens
14-03-2018		Unit 11: Screen Programming	1: Introducing Screen Programming
			2: Creating Screens and Screen Elements
			3: Modifying Screens at Runtime
			4: Defining Screen SequenceL, Dynamically Calling a Dialog Box
16-03-2018		Unit 12: The Program Interface	1: Explaining User Interfaces
			2: Setting a GUI Title and a GUI Status
		Unit 13: Simple Screen Elements	1: Creating Screen Elements for Output
			2: Creating Input/Output Fields
19-03-2018			3: Defining Checkboxes and Radio Button Groups
			4: Creating Pushbuttons
		Unit 14: Screen Error Handling	1: Handling Errors Using Dialog Messages and Field Input Checks
			2: Handling Errors Using Navigation and Input Help

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering

VALUE ADDED COURSE

15-04-2018

CIRCULAR

This is to inform all B.Tech Computer Science & Engineering students that the classes for the value added courses for the academic year 2017-2018 for the regulation R15, R16, will be commenced from 01-06-2018 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	YearSemester	Value added course
1	B. Tech	CSE	II-II	C- Programming
2	B. Tech	CSE	III-I	JAVA
3	B. Tech	CSE	IV-I	Python
4	B. Tech	CSE	II-I	IOT
5	B. Tech	CSE	III-I	Android
6	B. Tech	CSE	II-II	HTML
7	B. Tech	CSE	III-I	Big Data

Program Incharge

Principal
Principal
Bharat Institute of Engg. and Tech.
Mangalpally(V), Ibrahimpatnam(M.,
Ranga Reddy (Dist)-Telangana-501510

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Information Technology

VALUE ADDED COURSE

02-04-2018

CIRCULAR

This is to inform all B. Tech **Information Technology** students that the classes for the value added courses for the academic year 2017-2018 for the regulation R15, R16, will be commenced from 01-06-2018 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Academic year	Value added course
1	B.Tech	IT	III-I	2018-19	C- Programming
2	B.Tech	IT	III-I	2018-19	JAVA
3	B.Tech	IT	IV-I	2018-19	Python
4	B.Tech	IT	II-I	2018-19	IOT
5	B.Tech	IT	III-I	2018-19	Android
6	B.Tech	IT	III-I	2018-19	HTML
7	B.Tech	IT	III-I	2018-19	Big Data

Program In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts summer training

On

C Programming

From 05 June 2018 to 05 July 2018

From 9.20 AM to 11.00 AM for ECE Students

11.10 AM to 12.50 PM for CSE Students

1.30 PM to 4.00 PM for EEE, CIVIL & Mechanical Students

Resource Persons:

1. DLN Prasuna, Asst. Professor, Dept. of CSE
2. Mrs. Arati, Asst. Professor, Dept. of CSE

Training In-charge

E1

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2017-18

Course Instructors: Mrs. DLN Prasuna/Mrs. Arathi   **Class: I ECE, EEE, CSE/IT**

Subject: C – PROGRAMMING

Lecture No	Week	Date	Topics to be Covered
1		11/06/2018	Introduction to Computers- Computer Systems, Computing Environments, Computer Languages, Creating and running Programs, Fundamentals and Overview of C Language, Storing integers and real numbers, Data types, Constants, Keywords, Variables.
2		11/06/2018	
3		11/06/2018	
4		12/06/2018	Operations (Arithmetic, relational, logical, bitwise ets,) Expressions, Precedence and Associatively, Expressions evaluation, Hexadecimal and Conversions, Example programs.
5		12/06/2018	
6		12/06/2018	
7	1	13/06/2018	Selectin statements – 'if and switch' statements, Repetition statements: for, 'while' and 'do while' loops, 'break', 'continue' and 'goto' statements
8		13/06/2018	
9		13/06/2018	
10		14/06/2018	Example Programs
11		14/06/2018	
12		14/06/2018	
13		15/06/2018	Type conversions, Example programs, Test – 1
14		15/06/2018	
15		15/06/2018	
16		18/06/2018	Functions, Basics, User defined functions, Inter-function communication, standard functions, scope
17		18/06/2018	
18		18/06/2018	
19		19/06/2018	Storage Classes, - auto, register, static, extern, Scope rules
20		19/06/2018	
21		19/06/2018	
22		20/06/2018	Recursion – Recursive functions, Examples programs
23	2	20/06/2018	
24		20/06/2018	
25		21/06/2018	Arrays – Concepts, using arrays in C, inter function communication, array applications – linear search, binary search, selection sort and bubble sort.
26		21/06/2018	
27		21/06/2018	
28		22/06/2018	Two – dimensional arrays, multi dimensional arrays
29		22/06/2018	
30		22/06/2018	
31		23/06/2018	Pointers – Introduction, Pointers for inter function communication, Pointer applications - Arrays and pointers, pointer Arithmetic and arrays and
32		23/06/2018	

33		23/06/2018	Test – 2
34		25/06/2018	Strings, Display and Formatting, Point and Format Functions, Strings – Replacement and Evaluation of Strings
35		25/06/2018	
36		25/06/2018	
37		26/06/2018	String input/output functions, arrays of strings, string manipulation functions, string/ data conversion
38		26/06/2018	
39		26/06/2018	
40		27/06/2018	Structures – Declaration, initialization, accessing structures, operations on the structures
41		27/06/2018	
42		27/06/2018	
43	3	28/06/2018	Complex structures – Nested structures containing arrays
44		28/06/2018	
45		28/06/2018	
46		29/06/2018	Structures containing pointers, array of structures containing arrays
47		29/06/2018	
48		29/06/2018	
49		30/06/2018	Example programs and Test – 3
50		30/06/2018	
51		30/06/2018	
52		02/07/2018	Unions, bit fields, C- Programming examples, Command line arguments, Pre – processor commands
53		02/07/2018	
54		02/07/2018	
55		03/07/2018	Input and output – Concept of a file, streams, text files and binary files
56		03/07/2018	
57		03/07/2018	
58		04/07/2018	Opening and closing files Examples
59		04/07/2018	
60		04/07/2018	
61	4	05/07/2018	File input/output functions (standard library input/ output functions for files)
62		05/07/2018	
63		05/07/2018	
64		06/07/2018	Positioning fuctions (fseek, rewind and ftell)
65		06/07/2018	
66		06/07/2018	
67		07/07/2018	Test - 4
68		07/07/2018	
69		07/07/2018	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Summer Training

on

Communication Skills

From 05 June 2018 to 05 July 2018

From 9.20 AM to 11.00 AM for ECE Students

11.10 AM to 12.50 PM for CSE Students

1.30 PM to 4.00 PM for EEE, CIVIL & Mechanical Students

Resource Persons:

1. Mrs. K. ARPITA BAGGI, Asst. Professor, Dept. of English

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Electronics and Communication Engineering

Summer Training – 2017-18

Course Instructors: Mrs. K. ARPITA BAGGI

Class: III- II ECE

Subject: Communication Skills

Lecture No	Week	Date	Topics to be Covered
1		11/06/2018	Numerical ability, Introduction
2		11/06/2018	
3	1	11/06/2018	
4		13/06/2018	Numerical Ability Practice session – I
5		13/06/2018	
6		13/06/2018	
7		15/06/2018	Numerical Ability Practice session – II
8		15/06/2018	
9	2	15/06/2018	
10		18/06/2018	Numerical Ability Practice session – III
12		18/06/2018	
13		18/06/2018	
14		20/06/2018	
15		20/06/2018	Test – I
16	3	20/06/2018	
17		22/06/2018	
18		22/06/2018	Verbal Reasoning, Introduction
19		22/06/2018	
20		25/06/2018	
21		25/06/2018	Verbal Reasoning, Practice Session – I
22	4	25/06/2018	
23		27/06/2018	Verbal Reasoning, Practice Session – II
24		27/06/2018	
25		27/06/2018	
26		02/07/2018	Verbal Reasoning, Practice Session – III
27		02/07/2018	
28	5	02/07/2018	
29		04/07/2018	Test - II
30		04/07/2018	
31		04/07/2018	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

JAVA

From 05 June 2018 to 10 July 2018

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mr K. Bhaskar, Asst. Professor, Dept. of CSE
2. Mrs. Y. Sirisha, Asst. Professor, Dept. of CSE

Participants:

- III-II B.Tech CSE and IT Students

Training In-charge

E1

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Computer Science and Engineering

Summer Training – 2017-18

Class: II CSE/IT

Course Instructors: Mr. Bhaskar / Mrs. Y. Sirisha

Subject: JAVA

Lecture No	Week	Date	Topics to be Covered
1	1	13/06/2018	A way of viewing world – Agents and Communities, Messages and methods, Responsibilities, Classes and Instances
2		13/06/2018	
3		14/06/2018	Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions, Summary of Object-Oriented concepts
4		14/06/2018	
5		15/06/2018	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators, expressions, Control Statements, Introducing classes, Methods and Classes, String handling
6		15/06/2018	
7	2	20/06/2018	Inheritance– Inheritance concept, Inheritance basics, Member access, Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc Polymorphism, pure polymorphism, method overriding.
8		20/06/2018	
9		21/06/2018	Packages- Defining a Package, CLASSPATH, Access protection, importing packages, Interfaces- defining an interface, implementing interfaces, Nested interfaces, Applying interfaces, variables in interfaces and extending interfaces
10		21/06/2018	
11		22/06/2018	Stream based I/O(java.io) – The Stream classes-Byte streams and Character streams
12		22/06/2018	
13	3	27/06/2018	Test - I
14		27/06/2018	
15		28/06/2018	Exception handling - Fundamentals of exception handling, Exception types, Termination or presumptive models, **Multithreading**- Differences between thread-based multitasking and process-based multitasking
16		28/06/2018	
17		29/06/2018	**The Collections Framework (java.util)**- Collections overview, Collection Interfaces, The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque.
18		29/06/2018	
19	4	04/07/2018	**GUI Programming with Swing** – Introduction, limitations of AWT
20		04/07/2018	
21		05/07/2018	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
22		05/07/2018	
23		06/07/2018	Applets – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
24		06/07/201	
25	5	11/07/2018	Test - II
26		11/07/2018	
27		12/07/2018	Projects on Java Programming – Session - I
28		12/07/2018	
29		13/07/2018	Projects on Java Programming – Session - II
30		13/07/2018	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

<u>**Python**</u>

From 05 June 2018 to 10 July 2018

From 10.10 AM to 12.50 PM

Resource Persons:

3. Mrs. K. S. Parimala, Asst. Professor, Dept. of CSE
4. Mrs. Farhana Bano, Asst. Professor, Dept. of CSE

Participants:

- II-II B.Tech CSE and IT Students

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2017-18   Class: III CSE/IT

Course Instructors: Dr. P. Velumurugan/Mrs. Farhana Bano

Subject: Python

Lecture No	Date	Topics to be Covered
1	09/07/2017	Introduction To Python Installation and Working with Python Understanding
2	09/07/2017	Python variables Python basic Operators Understanding python blocks
3	10/07/2017	Python Data Types Declaring and using Numeric data types: int, float, complex
4	10/07/2017	Using string data type and string operations Defining list and list slicing Use of Tuple data type
5	16/07/2017	Python Program Flow Control Conditional blocks using if, else and elif Simple for
6	16/07/2017	loops in python For loop using ranges, string, list and dictionaries Use of while loops in python Loop manipulation using pass, continue, break and else Programming using Python conditional and loops block
7	17/07/2017	Python Functions, Modules And Packages Organizing python codes using
8	17/07/2017	functions Organizing python projects into modules Importing own module as well as external modules Understanding Packages Powerful Lamda function in python Programming using functions, modules and external packages
9	23/07/2017	Practical Session - I
10	23/07/2017	
11	24/07/2017	Practical Session - III
12	24/07/2017	
13	30/07/2017	Practical Session - III
14	30/07/2017	
15	31/07/2017	Python String, List And Dictionary Manipulations Building blocks of python
16	31/07/2017	programs Understanding string in build methods List manipulation using in build methods Dictionary manipulation Programming using string, list and dictionary in build functions
17	06/08/2017	Python File Operation Reading config files in python Writing log files in python
18	06/08/2017	Understanding read functions, read(), readline() and readlines() Understanding write functions, write() and writelines() Manipulating file pointer using seek Programming using file operations
19	07/08/2017	Practical Session – IV
20	07/08/2017	
21	13/08/2017	Practical Session – V
22	13/08/2017	
23	14/08/2017	Test - I
24	14/08/2017	
25	20/08/2017	Python Object Oriented Programming – Oops Concept of class, object and
26	20/08/2017	instances Constructor, class attributes and destructors Real time use of class in live projects Inheritance , overlapping and overloading operators Adding and retrieving dynamic attributes of classes Programming using Oops support
27	21/08/2017	Python Regular Expression Powerful pattern matching and searching Power of
28	21/08/2017	pattern searching using regex in python Real time parsing of networking or system data using regex Password, email, url validation using regular expression Pattern finding programs using regular expression

29	27/08/2017	Python Exception Handling Avoiding code break using exception handling Safe
30	27/08/2017	guarding file operation using exception handling Handling and helping developer with error code Programming using Exception handling
31	28/08/2017	Practical Session - VI
32	28/08/2017	
33	03/09/2017	Practical Session – VII
34	03/09/2017	
35	04/09/2017	Test - II
36	04/09/2017	
37	11/09/2017	Python Database Interaction SQL Database connection using python Creating and searching tables Reading and storing config information on database Programming using database connections
	11/09/2017	
38	17/09/2017	Python Multithreading Understanding threads Forking threads Synchronizing the threads Programming using multithreading
39	17/09/2017	
40	18/09/2017	Contacting Use r Through Emails Using Python Installing smtp python module Sending email Reading from file and sending emails to all users addressing them directly for marketing
41	18/09/2017	
42	24/09/2017	Python CGI Introduction Writing python program for CGI applications Creating menus and accessing files Server client program
43	24/09/2017	
44	25/09/2017	Practical Session - VIII
45	25/09/2017	
46	01/10/2017	Practical Session – IX
47	01/10/2017	
48	08/10/2017	Practical Session – X
49	08/10/2017	
50	09/10/2017	Practical Session – XI
51	09/10/2017	
52	15/10/2017	Practical Session – XII
53	15/10/2017	
54	16/10/2017	Test - III
55	16/10/2017	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On
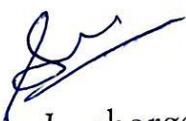
IOT

From 05 June 2018 to 10 July 2018

From 9.20 AM to 11.00 AM

Resource Persons:

1. Mrs. P. Priya, Asst. Professor, Dept. of CSE

Participants:

III –I B. Tech CSE Students

Training In-charge   E1   HOD
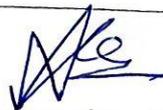
BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2017-18

Class: III CSE/IT

Course Instructors: Mrs. P.Priya

Subject: Internet of Things

Lecture No	Week	Date	Topics to be Covered
1	1	13/06/2019	IOT concepts: Technologies that led to evolution of IOT
2		13/06/2019	IOT and SCADA, IOT and M2M
3		14/06/2019	IOT and Big Data
4		14/06/2019	IOT Standards: Requirement of international standard (case study)
5		15/06/2019	IOT standards in practice.
6		15/06/2019	Operating platforms /systems
7	2	20/06/2019	Components of IOT System.(Lab) : Design of IOT systems, Development of prototypes.
8		20/06/2019	Components of IOT System.(Lab) : Design of IOT systems, Development of prototypes.
9		21/06/2019	Relevance of IOT for the future: IOT in everyday life, Internet of Everything
10		21/06/2019	IOT and Individual Privacy.
12		22/06/2019	IOT Applications: Lighting as a service (case study)
13		22/06/2019	Intelligent Traffic systems (case study)
14	3	27/06/2019	Smart Parking (case study)
15		27/06/2019	
16		28/06/2019	Smart water management (case study
17		28/06/2019	
18		29/06/2019	IOT in Indian Scenario: IOT and Aadhaar
19		29/06/2019	
20	4	04/07/2019	Project for students: IOT for health services.
21		04/07/2019	
22		05/07/2019	Project for students: IOT for financial inclusion
23		05/07/2019	
24		06/07/2019	IOT for rural empowerment.
25		06/07/2019	
26	5	11/07/2019	Challenges in IOT implementation: Big Data Management.
27		11/07/2019	Connectivity challenges, Mission critical applications.
28		12/07/2019	Laboratory Practice
29		12/07/2019	
30		13/07/2019	Project
31		13/07/2019	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

Android

From 05 June 2018 to 10 July 2018

From 9.20 AM to 11.00 AM

Resource Persons:

1. Mr M.Shiva Prasad, Asst. Professor, Dept. of CSE

2. Mrs G Kalyani, Asst. Professor, Dept. of CSE

Participants:

III –I B. Tech CSE Students

Training Incharge   HOD
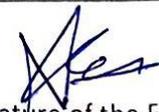
BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam - 501 510, Hyderabad
Department of Computer Science and Engineering
SUMMER TARINING: 2017-18

Course Instructors: Mr. Shiva Prasad / Mrs. Y. Sirisha   Class: III-I CSE/IT

Subject: ANDROID

Lecture No.	Week	Date	Topics to be covered
1.		08/06/18	**CHAPTER 1**: Introduction to Android. Smartphone features.
2.		08/06/18	**CHAPTER 2:** Installing the SDK. Creating Android Emulator.
3.	1	11/06/18	Installing Eclipse. Installing Android development tools. Choosing which Android version to use.
4.		11/06/18	**CHAPTER 3:** Android Life cycle. Android applications structure.
5.		12/06/18	**CHAPTER 4:** Creating a project.
6.		12/06/18	Working with android manifest.XML Various controls. Layouts
7.		16/06/18	**CHAPTER 5:** Text controls, Button controls, Images, Supporting Multiple Screen
8.		16/06/18	Examples
9.	2	18/06/18	**CHAPTER 6:** Activities.
10.		18/06/18	Application context. Intent
11.		19/06/18	WebView
12.		19/06/18	**CHAPTER 7:** List View.
13.		23/06/18	Spinner
14.		23/06/18	AutoComplete Textview.
15.	3	25/06/18	MultiAutoComplete Textview.
16.		25/06/18	**CHAPTER 8:** Toast. Dialogue Notification.
17.		26/06/18	Statusbar Notification
18.		26/06/18	**CHAPTER 9:** Option Menu.
19.		30/06/18	Context Menu. Google Map.
20.		30/06/18	**CHAPTER 10:** File .Shared Preferences.
21.	4	02/07/18	Database (SQLite database), Creation of .apk files.
22.		02/07/18	**CHAPTER 11:** Web services. HTTP client.
23.		03/07/18	XML and JSON.
24.		03/07/18	Revision
25.		08/07/18	Project 1
26.		08/07/18	Project 2
27.		09/07/18	Project 3
28.	5	09/07/18	Seminar Presentation
29.		10/07/18	Seminar Presentation
30.		10/07/18	

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

HTML

From 05 June 2018 to 10 July 2018

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mr Romy Sinha, Asst. Professor, Dept. of CSE

2. Mrs V Saritha, Asst. Professor, Dept. of CSE

Participants:

III –I B. Tech CSE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2017-18

Class: III CSE/IT

Course Instructors: Mr Romy Sinha/Mrs. V. Saritha

Subject: HTML

Lecture No	Week	Date	Topics to be Covered
1		13/06/2018	Module 1: Web Programming Introduction
2		13/06/2018	Web Development Introduction
3		14/06/2018	Module 2: HTML – Introduction, History of HTML
4	1	14/06/2018	HTML Tags and Attributes
5		15/06/2018	HTML Tags Vs Element
6		15/06/2018	Differentiate HTML Document Versions
7		20/06/2018	Module 3: HTML- Basic Formatting Tags: HTML Basic Tags, Formatting
8		20/06/2018	Tags, HTML Color Coding
9		21/06/2018	Module 4: HTML- Grouping Using Div Span
10	2	21/06/2018	Div and Span Tags for Grouping
12		22/06/2018	Module 5: HTML- Lists: Unordered Lists, ordered lists, Definition list
13		22/06/2018	
14		27/06/2018	Module 6: HTML- Images: Image and Image Mapping
15		27/06/2018	
16	3	28/06/2018	Module 7: HTML- Hyperlink : URL- Uniform Resource Locator
17		28/06/2018	
18		29/06/2018	Module 8: HTML – Table
19		29/06/2018	
20		04/07/2018	Module 9: HTML – Iframe: Attributes using & iframe as the target
21		04/07/2018	
22	4	05/07/2018	Module 10: HTML- Form
23		05/07/2018	
24		06/07/2018	Module 11: HTML- Headers
25		06/07/2018	
26		11/07/2018	Module 12: HTML MIscallaneous: HTML Meta Tag, XHTML, HTML
27		11/07/2018	Deprecated Tags & Attributes
28	5	12/07/2018	Module 13: CSS2 Introduction, Benefits of CSS, Versions History, CSS
29		12/07/2018	Syntax
30		13/07/2018	Project
31		13/07/2018	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

BIG DATA

From 05 June 2018 to 10 July 2018

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mrs N Aruna Jyothi, Asst. Professor, Dept. of CSE

2. Mrs Mubeena Begum, Asst. Professor, Dept. of CSE

Participants:

III – II B. Tech CSE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2017-18

Course Instructors: Mr V Veerabhadram   Class: III CSE/IT

Subject: Big Data

Lecture No	Week	Date	Topics to be Covered
1		12/06/2019	**Introduction to big data:** Introduction, distributed file system, Big Data and its importance,
2		12/06/2019	
3	1	13/06/2019	Drivers, Big data analytics, Big data applications. Algorithms,
4		13/06/2019	
5		14/06/2019	Matrix-Vector, Multiplication by Map Reduce.
6		14/06/2019	
7		15/06/2019	**2. Introduction to HADOOP:** Big Data, Apache Hadoop & Hadoop Ecosystem,
8		15/06/2019	
9		19/06/2019	MapReduce,
10		19/06/2019	Data Serialization.
11		20/06/2019	Practical Session - I
12		20/06/2019	
13	2	21/06/2019	Practical Session – II
14		21/06/2019	
15		22/06/2019	**3. HADOOP Architecture:** Architecture, Storage, Task trackers, Hadoop Configuration
16		22/06/2019	
17		26/06/2019	Test - I
18		26/06/2019	
19		27/06/2019	Evaluation
20		27/06/2019	
21	3	28/06/2019	Practical Session – III
22		28/06/2019	
23		29/06/2019	Practical Session – IV
24		29/06/2019	
25		04/07/2019	Practical Session – V
26		04/07/2019	
27	4	05/07/2019	Practical Session - VI
28		05/07/2019	
29		06/07/2019	Practical Session - VII
30		06/07/2019	
31		11/07/2019	**4. HADOOP ecosystem and yarn:** Hadoop ecosystem components, Hadoop 2.0 New Features
32		11/07/2019	
33	5	12/07/2019	NameNode High Availability, HDFS Federation, MRv2, YARN, Running MRv1 in YARN.
34		12/07/2019	
35		13/07/2019	Test - II
36		13/07/2019	
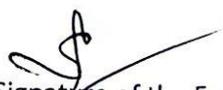
Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

VALUE ADDED COURSE

10-04-2018

CIRCULAR

This is to inform all B.Tech Electronics and Communication Engineering students that the classes for the value added courses for the academic year 2017-2018 for the regulation R15, R16, will be commenced from 01-06-2018 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Year/Semester	Value added course
4	B.Tech	ECE	I-II, II-II	MATLAB for communication
5	B.Tech	ECE	II- II,, III- II	C Programming

Program Incharge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Electronics & Communication Engineering

Conducts Summer Training

On

MATLAB for Communications

From 05 June 2018 to 05 July 2018

From 9.20 AM to 12.50 PM

Resource Persons:

1. Dr Vikas Maheshwari, Associate Professor, Dept. of ECE
2. Mrs. Mr V Pradeep Kumar, Asst. Professor, Dept of ECE

Participants:

- II B. Tech II SEM ECE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad

Department of Electronics and Communication Engineering

Summer Training – 2017-18

Course Instructors: Dr.Maheswari Vikas/ Mr. V. Pradeep Kumar   Class: II-II ECE

Subject: MATLAB for Communications

Lecture No	Week	Date	Topics to be Covered
1	1	11/06/2018	Introduction to MATLAB, Arithmetic, logical, Matrix operations
2		11/06/2018	Generation of basic signals, Plotting of signals
3		12/06/2018	Introduction to 2-D signal processing and its Industrial Applications
4		12/06/2018	Implementation of 2-D signals
5		13/06/2018	1-D, 2-D Convolution
6		13/06/2018	Test 1
7		14/06/2018	1-D, 2-D Signal - Frequency Analysis
8		14/06/2018	Implementation of Image processing Applications
9		15/06/2018	Implementation of ASK and FSK
10		15/06/2018	Implementation of BPSK, QPSK, QAM
11		16/06/2018	Signal and image processing in smart phones – 4G Session - I
12		16/06/2018	
13	2	18/06/2018	Signal and image processing in smart phones – 4G Session – I
14		18/06/2018	
15		19/06/2018	MATLAB Project - 1
16		19/06/2018	
17		20/06/2018	MATLAB Project – 2
18		20/06/2018	
19		21/06/2018	Wireless Waveform Generators for OFDM with Different Antennas Configuration Session - I
20		21/06/2018	
21		22/06/2018	Wireless Waveform Generators for OFDM with Different Antennas Configuration Session – II
22		22/06/2018	
23		23/06/2018	MATLAB Implementation of QAM for antennas Design
24		23/06/2018	
25	3'	25/06/2018	MATLAB Exercises
26		25/06/2018	
27		26/06/2018	Project - 1
28		26/06/2018	
29		27/06/2018	Test 2
30		27/06/2018	
31		28/06/2018	Channel Modeling-1
32		28/06/2018	
33		29/06/2018	Channel Modeling-2
34		29/06/2018	Path Loss

35		29/06/2018	MEX file Application -Basics
36		29/06/2018	
37		01/07/2018	Test 3
38		01/07/2018	
39		02/07/2018	MEX file Application –C program Interfacing
40		02/07/2018	Digital Speech Processing -Calculating Pitch, Formant analysis
41		03/07/2018	Digital Speech Processing -Voiced and unvoiced detection
42	4	03/07/2018	MIMO, LTE
43		04/07/2018	4G, 5G Communication
44		04/07/2018	
45		05/07/2018	Test 4
46		05/07/2018	
47		06/07/2018	Case Studies on Speech Processing Applications
48		06/07/2018	Case Studies on Image Processing Applications-1
49		08/07/2018	Case Studies on Image Processing Applications-2
50	5	08/07/2018	
51		09/07/2018	Project Evaluation
52		09/07/2018	

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Civil Engineering

VALUE ADDED COURSE

24-06-2018

CIRCULAR

This is to inform all B.Tech **Civil Engineering** students that the classes for the value added courses for the academic year 2017-2018 for the regulation R15, R16, will be commenced from 01-06-2018 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	CIVIL	III-I	SUMMER TRAINING ADVANCE SURVEYING USING TOTAL STATION & GIS
2	B.Tech	CIVIL	III-I	SUMMER TRAINING PRACTICAL SESSION ON BUILDING CONSTRUCTION
3	B.Tech	CIVIL	IV-I	SUMMER TRAINING STRUCTURAL DESIGN USING STAAD PRO V 8.0i
4	B.Tech	CIVIL	II-I	C programming
6	B.Tech	CIVIL	II-I	CIVIL ENGINEERING DRAWINGS USING AUTOCAD

Program Incharge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M,
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of CIVIL Engineering

Conducts Summer Training

On

ADVANCE SURVEYING USING TOTAL STATION & GIS

From 03 June 2018 to 07 July 2018

From 9.20 AM to 11.00 AM

Resource Persons:

1. Ms. S. Vineela, Asst. Professor, Dept of CIVIL

Participants:

III – II B. Tech CIVIL Students

Training In-charge

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Civil Engineering
Summer Training – 2017-18

Class: II-II CIVIL

Course Instructors: Mr. Nagaraju

Subject: ADVANCE SURVEYING USING TOTAL STATION & GIS

Lecture No	Week	Date	Topics to be Covered
1		10/06/2018	Explanation of building.
2		10/06/2018	Purpose of building e.g. accommodation, keep off inclement weather, social, commercial, industrial, etc. Types of building: - domestic building, public building, e.g. bungalow, hospital, market, office
3		11/06/2018	Differences in the types of building
4		11/06/2018	- Timber - Sandcrete - Landcrete - Pisé - Wattle and Daub
5	1	12/06/2018	Materials for building, e.g. Wood, cement, bricks tiles, iron sheet, louvers.
6		12/06/2018	Comparison of materials for domestic and public buildings
7		13/06/2018	Teams in the building process
8		13/06/2018	- client team - contractor"s team - statutory personnel
9		14/06/2018	Members in the building teams
10		14/06/2018	
11		15/06/2018	Relationship(s) between teams in the building process.
12		15/06/2018	- Client organization - Architect/ Engineer - client organization - Architect/Contractor - Statutory Organs - Public - Site Organization
13		17/06/2018	Features of Bills of Quantities
14		17/06/2018	
15		18/06/2018	Materials schedule
16		18/06/2018	
17		19/06/2018	Labour schedule
18	2	19/06/2018	
19		20/06/2018	Construction
20		20/06/2018	Finance
21		21/06/2018	Project - I
22		21/06/2018	
23		22/06/2018	Project - II
24		22/06/2018	

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of CIVIL Engineering

Conducts Summer Training Practical Session

On

Building Construction

From 03 June 2018 to 07 July 2018

From 11.10 PM to 12.50 PM

Resource Persons:

1. P. Naga Raju, Asst. Professor, Dept of CIVIL

Participants:

III – II B. Tech CIVIL Students

Training In-charge   HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Civil Engineering
Summer Training – 2017-18

Course Instructors: Mr. Nagaraju

Class: III-II CIVIL

Subject: Building Construction

Lecture No	Week	Date	Topics to be Covered
1		10/06/2018	Explanation of building.
2		10/06/2018	Purpose of building e.g. accommodation, keep off inclement weather, social, commercial, industrial, etc. Types of building: - domestic building, public building, e.g. bungalow, hospital, market, office
3		11/06/2018	Differences in the types of building.
4		11/06/2018	- Timber - Sandcrete - Landcrete - Pisé - Wattle and Daub
5		12/06/2018	Materials for building, e.g. Wood, cement, bricks tiles, iron sheet, louvers.
6	1	12/06/2018	Comparison of materials for domestic and public buildings
7		13/06/2018	Teams in the building process
8		13/06/2018	- client team - contractor"s team - statutory personnel
9		14/06/2018	Members in the building teams
10		14/06/2018	
11		15/06/2018	Relationship(s) between teams in the building process.
12		15/06/2018	- Client organization - Architect/ Engineer - client organization - Architect/Contractor - Statutory Organs - Public - Site Organization
13		17/06/2018	Features of Bills of Quantities
14		17/06/2018	
15		18/06/2018	Materials schedule
16		18/06/2018	
17		19/06/2018	Labour schedule
18		19/06/2018	
19	2	20/06/2018	Construction
20		20/06/2018	Finance
21		21/06/2018	Project – I
22		21/06/2018	
23		22/06/2018	Project - II
24		22/06/2018	

25			24/06/2018	Working drawings:
26			24/06/2018	Items in the working drawings: - elevations - plans - sections
27			25/06/2018	Purposes of items in working drawing.
28			25/06/2018	
29		3	26/06/2018	Functions of Grid lines.
30			26/06/2018	- ground formation Block Plan – Sketch.
31			27/06/2018	Practice Sessions on Block plan and Sketch - I
32			27/06/2018	
33			28/06/2018	Practice Sessions on Block plan and Sketch - II
34			28/06/2018	
35			29/06/2018	Practice Sessions on Block plan and Sketch - III
36			29/06/2018	
37			01/07/2018	Test - I
38			01/07/2018	
39			02/07/2018	Types of plan:
40			02/07/2018	- site plan - block plan - foundation plan - ground floor plan
41		4	03/07/2018	Practice Sessions
42			03/07/2018	
43			04/07/2018	Test - II
44			04/07/2018	
45			05/07/2018	Evaluation
46			05/07/2018	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Civil Engineering

Conducts Summer Training

On

STRUCTURAL DESIGN USING STAAD PRO V 8.01

From 03 June 2018 to 10 July 2018

From 1.30 PM to 4.00 PM

Resource Persons:

1. Mrs. V. Aparna, Asst. Professor, Dept of Mechanical

Participants:

III – II B. Tech Civil Students

Training In-charge

Course Instructors: Mr. Nagaraju   Class: II-II CIVIL

Subject: STRUCTURAL DESIGN USING STAAD PRO V 8.0i

Lecture No	Week	Date	Topics to be Covered
1		10/06/2018	Explanation of building
2		10/06/2018	Purpose of building e.g. accommodation, keep off inclement weather, social, commercial, industrial, etc. Types of building: domestic building, public building, e.g. bungalow, hospital, market, office
3		11/06/2018	Differences in the types of building.
4		11/06/2018	- Timber Sandcrete - Landcrete - Pisé - Wattle and Daub
5		12/06/2018	Materials for building. e.g. Wood, cement, bricks, tiles, iron sheet, louvers
6	1	12/06/2018	Comparison of materials for domestic and public buildings
7		13/06/2018	Teams in the building process
8		13/06/2018	- client team - contractor's team - statutory personnel
9		14/06/2018	Members in the building teams
10		14/06/2018	
11		15/06/2018	Relationship(s) between teams in the building process
12		15/06/2018	- Client organization - Architect/ Engineer - client organization - Architect/Contractor - Statutory Organs - Public - Site Organization
13		17/06/2018	Features of Bills of Quantities
14		17/06/2018	
15		18/06/2018	Materials schedule
16		18/06/2018	
17		19/06/2018	Labour schedule
18		19/06/2018	
19	2	20/06/2018	Construction
20		20/06/2018	Finance
21		21/06/2018	Project – I
22		21/06/2018	
23		22/06/2018	Project - II
24		22/06/2018	

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Civil Engineering

Conducts Summer Training

On

SUMMER TRAINING CIVIL ENGINEERING DRAWINGS USING AUTOCAD

From 05 June 2018 to 10 July 2018

From 1.30 PM to 4.00 PM

Resource Persons:

1. Ms. Vineela, Asst. Professor, Dept of CIVIL

Participants:

III – II B. Tech Civil Students
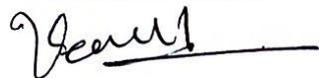
Training In-charge

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2017-18

Class: III CIVIL

Course Instructors: Mr Vineela

Subject: Civil Engineering Drawings using AutoCAD

Lecture No	Week	Date	Topics to be Covered
1		12/06/2018	Practice on Drawing basics ● Geometrical Drawing Practice ● Making plan of Projection..
2		12/06/2018	
3	1	13/06/2018	● Creation Multi-view Orthographic projection. ● Drafting views in First angle & Third angle Projection.
4		13/06/2018	
5		14/06/2018	● Creating Auxiliary views & Sections. ● Freehand Sketching. ● Representing Standard base 2D drafting.
6		14/06/2018	
7		15/06/2018	● Drawing Elementary CADD command – Line, Polyline, Polygon, Circle, Polyline, arc, ellipse, TextSingle Text, Multitext, Dtext
8		15/06/2018	
9		19/06/2018	● Modifying Elementary Commands – Erase, Move, Copy , Mirror, Offset, Scale, Stretch, Chamfer, fillet & explode. ● Making layers, line type &Lineweight.
10		19/06/2018	
11	2	20/06/2018	● Different menus of Auto-Cad, Function keys, Shortcut keys, Paper size.
12		20/06/2018	
13		21/06/2018	Test - I
14		21/06/2018	
15		22/06/2018	Making Title Block, Writing it & inserting it in any drawing file with scale, angle & explode options..
16		22/06/2018	
17		26/06/2018	● Creating a new template file (.Dwt file) & applying it to every drawing file.
18		26/06/2018	
19	3	27/06/2018	● Drafting of building plan , Elevation , Section Views. ● Applying dimensions to various views by using dimension style. ● Creating Revolved, Ruled, and Tabulated & Edge surfaces
20		27/06/2018	
21		28/06/2018	● Creating Isometric drawing with the Isoplane (Left, Top & Right Plane) Shaded it from visual style.
22		28/06/2018	
23		29/06/2018	● Making Solid Model – Box, Polysolid, Cylinder, Cone, Pyramid, Wedge,
24		29/06/2018	
25	4	04/07/2018	Practical Session - I
26		04/07/2018	
27		05/07/2018	Practical Session – II
28		05/07/2018	
29		06/07/2018	Practical Session – III
30		06/07/2018	
31	5	11/07/2018	Practical Session – IV
32		11/07/2018	
33		12/07/2018	Practical Session - V
34		12/07/2018	
35		13/07/2018	Test - II
36		13/07/2018	

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recognised by the Govt. of T.S. and Affiliated to JNTUH)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414 - 252313 / 399 / 642 / 644,   Fax : 08414 - 252647,   E-mail : bietadmn@gmail.com

Department of Mechanical Engineering

VALUE ADDED COURSE

21-05-2018

CIRCULAR

This is to inform all B.Tech **Mechanical Engineering** students that the classes for the value added courses for the academic year 2017-2018 for the regulation R15, R16, will be commenced from 01-06-2018 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	MECH	II-II	SUMMER TRAINING ON AUTOCAD, MATLAB, CREO AND ANSYS
2	B.Tech	MECH	I-II	C programming

Program Incharge

Principal

Principal
Bharat Institute of Engg. and Tech.
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Mechanical Engineering

Conducts Summer Training

On

AUTOCAD, MATLAB, CREO and ANSYS

From 03 June 2018 to 05 July 2018

From 9.20 AM to 12.50 PM

Resource Persons:

1. Mr. K. Raju , Asst. Professor, Dept of Mechanical
2. Mr. N. Raja Sekhar, Asst. Professor, Dept of Mechanical

Participants:

III – II B. Tech EEE Students

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Mechanical Engineering
Summer Training – 2017-18

Course Instructors: Mr. K. Raju / Mr N. Raja Sekhar   Class: III- II   Mechanical

Subject: AUTOCAD, MATLAB, CREO AND ANSYS

Lecture No	Week	Date	Topics to be Covered
1	1	11/06/2018	Introduction to AUTOCAD
2		11/06/2018	
3		11/06/2018	
4		13/06/2018	Sketch Tool Bar and Applications, Modify Toolbar and Applications
5		13/06/2018	
6		13/06/2018	
7	2	18/06/2018	Annotations, AUTOCAD Exercise Session - I
8		18/06/2018	
9		18/06/2018	
10		20/06/2018	3D Module, 3D – Draw Tools and Modify Tools, 3D Modeling & Exercises
12		20/06/2018	
13		20/06/2018	
14	3	25/06/2018	Assembly & Drafting
15		25/06/2018	
16		25/06/2018	
17		27/06/2018	Introduction, 2D Tools- Drawing, Line, Arc, Circle, Rectangle
18		27/06/2018	
19		27/06/2018	
20	4	02/07/2018	2D Tools, Modifying, Mirror, copy, off set, move, trim
21		02/07/2018	
22		02/07/2018	
23		04/07/2018	3D Drawing tools, Extract, Revolve, Sweep, hole
24		04/07/2018	
25		04/07/2018	
26	5	09/07/2018	3D modifying tools, pattern, mirror, Assembly
27		09/07/2018	
28		09/07/2018	
29		11/07/2018	Practice Session on CREO - I
30		11/07/2018	
31		11/07/2018	
32		12/07/2018	Practice Session on CREO - I
33		12/07/2018	
34		12/07/2018	
35		13/07/2018	Test & Evaluation
36		13/07/2018	
37		13/07/2018	

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

VALUE ADDED COURSE

06-07-2016

CIRCULAR

This is to inform all B. Tech students that the classes for the value added courses for the academic year 2016-2017 for the regulation R13, R15, R16, will be commenced from 10-07-2016 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	All Branches	I	CRT- JAVA
2	B.Tech	All Branches	I	CRT- C
3	B.Tech	All Branches	I	Micorsoft MTA DBF -TASK
4	B.Tech	All Branches	I	POP Training -TASK

Training In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

BIET

Conducts Technical Training

By

Campus Recruitment Training Committee (CRT)

From 06 July 2016 to 05 November 2016

&

15 December 2016 to 09 April 2017

Resource Persons:

External Faculty from FACE

Participants:

- I, II & III B. Tech Students from all Branches

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Academic Year – 2016-17

Class: All Branches

Course Instructors: FACE External Faculty

Subject: CRT - JAVA

Lecture No	Week	Date	Topics to be Covered
1	1	13/08/2016	A way of viewing world – Agents and Communities, Messages and methods, Responsibilities, Classes and Instances
2		13/08/2016	
3		14/08/2016	Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions, Summary of Object-Oriented concepts
4		14/09/2016	
5		15/09/2016	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators, expressions, Control Statements, Introducing classes, Methods and Classes, String handling
6		15/09/2016	
7	2	20/10/2016	Inheritance– Inheritance concept, Inheritance basics, Member access, Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc Polymorphism, pure polymorphism, method overriding.
8		20/10/2016	
9		21/11/2016	Packages- Defining a Package, CLASSPATH, Access protection, importing packages, Interfaces- defining an interface, implementing interfaces, Nested interfaces, Applying interfaces, variables in interfaces and extending interfaces
10		21/11/2016	
11		22/11/2016	Stream based I/O(java.io) – The Stream classes-Byte streams and Character streams
12		22/11/2016	
13	3	27/11/2016	Test - I
14		27/12/2016	
15		28/12/2016	Exception handling - Fundamentals of exception handling, Exception types, Termination or presumptive models, Multithreading- Differences between thread-based multitasking and process-based multitasking
16		28/12/2016	
17		29/12/2016	The Collections Framework (java.util)- Collections overview, Collection Interfaces, The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque.
18		29/01/2017	
19	4	04/01/2017	GUI Programming with Swing – Introduction, limitations of AWT
20		04/02/2017	
21		05/02/2017	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
22		05/02/2017	
23		06/03/2017	Applets – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
24		06/03/2017	
25	5	11/03/2017	Test - II
26		11/03/2017	
27		12/04/2017	Projects on Java Programming – Session - I
28		12/04/2017	
29		13/04/2017	Projects on Java Programming – Session - II
30		13/04/2017	
31		05/05/2017	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
32		05/05/2017	

33		06/05/2017	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
34		06/05/2017	
35	6	11/06/2017	Test - III
36		11/06/2017	
37		12/07/2017	Projects on Java Programming – Session - II
38		12/07/2017	
39		13/07/2017	Projects on Java Programming – Session - III
40		12/07/2017	Projects on Java Programming – Session - IV
41		12/07/2017	
42		13/07/2017	Comprehensive test

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

JAVA

From 05 June 2017 to 10 July 2017

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mrs Mubeena Begum, Asst. Professor, Dept. of CSE
2. Mr M Shiva pRasad, Asst. Professor, Dept. of CSE

Participants:

- III-II B.Tech CSE and IT Students

Training In-charge

E1

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2016-17

Class: II CSE/IT

Course Instructors: Mr. Bhaskar / Mrs. Y. Sirisha

Subject: JAVA

Lecture No	Week	Date	Topics to be Covered
1	1	13/06/2017	A way of viewing world – Agents and Communities, Messages and methods, Responsibilities, Classes and Instances
2		13/06/2017	
3		14/06/2017	Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions, Summary of Object-Oriented concepts
4		14/06/2017	
5		15/06/2017	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators, expressions, Control Statements, Introducing classes, Methods and Classes, String handling
6		15/06/2017	
7	2	20/06/2017	**Inheritance–** Inheritance concept, Inheritance basics, Member access, Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc Polymorphism, pure polymorphism, method overriding.
8		20/06/2017	
9		21/06/2017	Packages- Defining a Package, CLASSPATH, Access protection, importing packages, **Interfaces-** defining an interface, implementing interfaces, Nested interfaces, Applying interfaces, variables in interfaces and extending interfaces
10		21/06/2017	
11		22/06/2017	**Stream based I/O(java.io)** – The Stream classes-Byte streams and Character streams
12		22/06/2017	
13	3	27/06/2017	Test - I
14		27/06/2017	
15		28/06/2017	**Exception handling -** Fundamentals of exception handling, Exception types, Termination or presumptive models, **Multithreading-** Differences between thread-based multitasking and process-based multitasking
16		28/06/2017	
17		29/06/2017	**The Collections Framework (java.util)-** Collections overview, Collection Interfaces, The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque.
18		29/06/2017	
19	4	04/07/2017	**GUI Programming with Swing** – Introduction, limitations of AWT
20		04/07/2017	
21		05/07/2017	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
22		05/07/2017	
23		06/07/2017	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
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27		12/07/2017	Projects on Java Programming – Session - I
28		12/07/2017	
29		13/07/2017	Projects on Java Programming – Session - II
30		13/07/2017	

Signature of the Faculty

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

Microsoft MTA DBF in collaboration with TASK

From 11 July 2016 to 22 October 2016
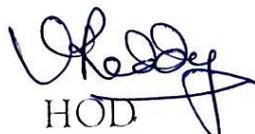
From 10.10 AM to 12.50 PM

Resource Persons:

TASK Faculty

Participants:

- Students of all Branches

Training In-charge

HOD

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

POP Training workshop-TASK

From 11 July 2016 to 22 October 2016

From 10.10 AM to 12.50 PM

Resource Persons:

TASK Faculty

Participants:

- Students of all Branches

Training In-charge

HOD

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

CLOUD COMPUTING

From 11 July 2016 to 22 October 2016

From 10.10 AM to 12.50 PM

Resource Persons:

TASK Faculty

Participants:

- Students of all Branches

Training In-charge

HOD
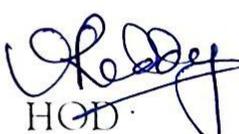
BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Summer Training – 2016-17   Class: II CSE/IT

Course Instructors: Ms. Farhana BAno

Subject: Cloud computing

Lecture No	Week	Date	Topics to be Covered
1		13/06/2017	**Introduction to Cloud Computing: Defining cloud computing,** Components of a computing cloud, Differentiating types of clouds: public, private, hybrid
2		13/06/2017	
3		14/06/2017	**elivering services from the cloud**
4		14/06/2017	• Categorizing service types • Comparing vendor cloud products: Amazon, Google, Microsoft and others
5	1	15/06/2017	**Adopting the Cloud**
6		15/06/2017	**Key drivers of cloud computing solutions** • Instantaneous provisioning of computing resources • Tapping into an infinite storage capacity • Cost-effective pay-as-you-use billing models
7		20/06/2017	**Evaluating barriers to cloud computing**
8		20/06/2017	• Handling sensitive data • Aspects of cloud security • Assessing governance solutions
9	2	21/06/2017	**Exploiting Software as a Service (SaaS)**
10		21/06/2017	**Characterizing SaaS** • Streamlining administration with centralized installation • Optimizing cost and performance with scale on demand
11		22/06/2017	**Delivering Platform as a Service (PaaS)**
12		22/06/2017	**Exploring the technical foundation for PaaS** • Specifying the components of PaaS

			• Analyzing vendor PaaS provisions • Selecting an appropriate implementation **Building services with solution stacks** • Evaluating the architecture of vendor-specific platforms • Becoming familiar with service platform tools
13		27/06/2017	
14		27/06/2017	**Managing cloud storage** • Controlling unstructured data in the cloud • Deploying relational databases in the cloud • Improving data availability
15		28/06/2017	**Employing support services** • Testing in the cloud • Monitoring cloud-based services • Analyzing portability across platforms
16		28/06/2017	
17	3	29/06/2017	**Deploying Infrastructure as a Service (IaaS)** **Enabling technologies** • Scalable server clusters • Achieving transparency with platform virtualization • Elastic storage devices **Accessing IaaS** • Provisioning servers on demand • Handling dynamic and static IP addresses • Tools and support for management and monitoring
18		29/06/2017	
19	4	04/07/2017	**Building a Business Case** **Calculating the financial implications** • Comparing in-house facilities to the cloud • Estimating economic factors downstream **Preserving business continuity** • Selecting appropriate service-level agreements • Safeguarding access to assets in the cloud • Security, availability and disaster recovery strategies
20		04/07/2017	

21		05/07/2017	
22		05/07/2017	**Migrating to the Cloud** **Technical considerations** - • Rearchitecting applications for the cloud • Integrating the cloud with existing applications • Avoiding vendor lock-in • Planning the migration and selecting a vendor
23		06/07/2017	Practical Session - I
24		06/07/2017	
25		11/07/2017	Practical Session – II
26		11/07/2017	
27	5	12/07/2017	Practical Session - III
28		12/07/2017	
29		13/07/2017	Test - I
30		13/07/2017	

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

VALUE ADDED COURSE

06-07-2015

CIRCULAR

This is to inform all B. Tech students that the classes for the value added courses for the academic year 2015-2016 for the regulation R13, R15, R16, will be commenced from 10-07-2015 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	All Branches	1	CR1- JAVA
2	B.Tech	All Branches	1	CR1- C

Training In-charge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

BIET

Conducts Technical Training

By

Campus Recruitment Training Committee (CRT)

From 10 July 2015 to 03 November 2015

&

13 December 2015 to 06 April 2016

Resource Persons:

External Faculty from FACE

Participants:

- I, II & III B. Tech Students from all Branches

Training In-charge

HOD.

Course Instructors: FACE External Faculty

Subject: CRT - JAVA

Lecture No	Week	Date	Topics to be Covered
1		13/08/2015	A way of viewing world – Agents and Communities, Messages and methods, Responsibilities, Classes and Instances
2		13/08/2015	
3	1	14/08/2015	Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions, Summary of Object-Oriented concepts
4		14/09/2015	
5		15/09/2015	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators, expressions, Control Statements, Introducing classes, Methods and Classes, String handling
6		15/09/2015	
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9	2	21/11/2015	Packages- Defining a Package, CLASSPATH, Access protection, importing packages, Interfaces- defining an interface, implementing interfaces, Nested interfaces, Applying interfaces, variables in interfaces and extending interfaces
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11		22/11/2015	Stream based I/O(java.io) – The Stream classes-Byte streams and Character streams
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13		27/11/2015	Test - I
14		27/12/2015	
15		28/12/2015	Exception handling - Fundamentals of exception handling, Exception types, Termination or presumptive models, Multithreading- Differences between thread-based multitasking and process-based multitasking
16	3	28/12/2015	
17		29/12/2015	The Collections Framework (java.util)- Collections overview, Collection Interfaces, The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque.
18		29/01/2016	
19		04/01/2016	GUI Programming with Swing – Introduction, limitations of AWT
20		04/02/2016	
21		05/02/2016	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
22	4	05/02/2016	
23		06/03/2016	Applets – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
24		06/03/2016	
25		11/03/2016	Test - II
26		11/03/2016	
27		12/04/2016	Projects on Java Programming – Session - I
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29		13/04/2016	Projects on Java Programming – Session - II
30		13/04/2016	
31		05/05/2016	MVC architecture, components, containers, Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
32		05/05/2016	

33		06/05/2016	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing
34		06/05/2016	parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
35	6	11/06/2016	Test - III
36		11/06/2016	
37		12/07/2016	Projects on Java Programming – Session - II
38		12/07/2016	
39		13/07/2016	Projects on Java Programming – Session - III
40		12/07/2016	Projects on Java Programming – Session - IV
41		12/07/2016	
42		13/07/2016	Comprehensive test

Signature of the Faculty

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recognised by the Govt. of T.S. and Affiliated to JNTUH)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414 - 252313 / 399 / 642 / 644,   Fax : 08414 - 252647,   E-mail : bietadmn@gmail.com

BHARAT
INSTITUTIONS

Department of Computer Science and Engineering

VALUE ADDED COURSE

09-07-2015

CIRCULAR

This is to inform all B. Tech Computer Science & Engineering students that the classes for the value added courses for the academic year 2015-2016 for the regulation R13, R15, R16, will be commenced from 10-07-2015 for all batches. Hence, requesting all the interested students to register the following value added courses.

S. No	Program name	Branch	Year/Semester	Value added course
1	B. Tech	CSE	III-1	Chip Design Technologies

Training Incharge

Principal

Principal
Bharat Institute of Engg. and Tech
Mangalpally(V), Ibrahimpatnam(M
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

Department of Computer Science and Engineering

Conducts Technical Training

On

Chip Design Technologies
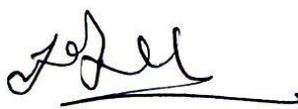
From 15 June 2015 to 27 October 2015

From 10.10 AM to 12.50 PM

Resource Persons:

1. Mr V Satyanarayana, Assistant Professor, Dept. of CSE

2. Dr R Madana Mohana ,Assistant Professor, Dept. of CSE

Participants:

- III-II B.Tech ECE, CSE and IT Students

Training In-charge

HOD

Course Instructors: Mr. R. Sathish Kumar &
Mr. P. Pradeep Kumar
Class: III-I & II ECE, CSE/IT
Subject: CHIP Design

Lecture	Week No	Date	Topics to be covered
	1		**ASIC / FPGA DESIGN**
1		15-06-2015	ASIC / FPGA Design Fundamentals
2		16-06-2015	Advanced Digital Design
3	2	18-06-2015	**CMOS**
5		23-06-2015	MOS Fundamentals and Characterization
		23-06-2015	NMOS/PMOS/CMOS Technologies
7		25-06-2015	Fabrication Principles
8		25-06-2015	Different Styles of Fabricati- for NMOS/PMOS/CMOS
9	3	26-06-2015	Design with CMOS Gates
10		26-06-2015	Characterization of CMOS Circuits
11		30-06-2015	Scaling Effects
13	4	02-07-2015	Parasitic Extraction and Calculations
14		15-07-2015	Subsystem Design
15		16-07-2015	Layout Representation for CMOS Circuits
16		18-07-2015	Design Exercise using CMO
17		19-07-2015	Introduction of IC Design
18	5	23-07-2015	Different Methodologies for IC Design
19		23-07-2015	Fabrication Flows and Fundamentals
20			**VHDL**
22		26-08-2015	VHDL Overview and Concepts
23		26-08-2015	Levels of Abstraction
24	6	30-08-2015	Entity, Architecture
25		30-08-2015	Data Types and declaration
26	7	02-09-2015	Enumerated Data Types
27		08-09-2015	Relational, Logical, Arithme Operators
28		11-09-2015	Signal and Variables, Constants

29	8	12-09-2015	Process Statement
30		15-09-2015	Concurrent Statements
31		21-09-2015	When-else, With-select
32	9	22-09-2015	Sequential Statement
33		23-09-2015	If-then-else, Case
34		24-09-2015	Slicing and Concatenation
35		25-09-2015	Loop Statements
36	10	26-09-2015	Delta Delay Concept
37		27-09-2015	Arrays, Memory Modeling, FSM
38		28-09-2015	Writing Procedures
39		29-09-2015	Writing Functions
40	11	30-09-2015	Behavioral / RTL Coding
41		01-10-2015	Operator Overloading
42		02-10-2015	Structural Coding
43		03-10-2015	Component declarations and installations
44		04-10-2015	Generate Statement
45	12	05-10-2015	Configuration Block
46		06-10-2015	Libraries, Standard packages
47		07-10-2015	Local and Global Declarations
48		08-10-2015	Package, Package body
49		09-10-2015	Writing Test Benches
50	13	10-10-2015	Assertion based verification
51		11-10-2015	Files read and write operations
52		12-10-2015	Code for complex FPGA and ASICs
53		13-10-2015	Generics and Generic maps
54	14	14-10-2015	**VERILOG**
56		16-10-2015	Language introduction
57		17-10-2015	Levels of abstraction
58		18-10-2015	Module, Ports types and declarations
59		19-10-2015	Registers and nets, Arrays
60	15	20-10-2015	Identifiers, Parameters
61		21-10-2015	Relational, Arithmetic, Logical, Bit-wise shift Operators
62		22-10-2015	Writing expressions
63		23-10-2015	Behavioral Modeling
64	17	24-10-2015	Structural Coding
65		25-10-2015	Continuous Assignments
66		26-10-2015	Procedural Statements
67		27-10-2015	Always, Initial Blocks, begin ebd, fork join
68		28-10-2015	Blocking and Non-blocking statements
69	18	29-10-2015	Operation Control Statements
70		31-10-2015	Loops: while, for-loop, for-each, repeat

71		01-11-2015	Combination and sequential circuit designs
72		02-11-2015	Memory modeling., state machines
73		08-11-2015	System Tasks
74	19	09-11-2015	Gate level primitives
75		10-11-2015	User defined primitives
76		11-11-2015	Delays, Specify block
77		12-11-2015	Testbenchs, modeling, timing checks
78		13-11-2015	Assertion based verification
79	20	14-11-2015	Code for synthesis
80		15-11-2015	Advanced topics
81		16-11-2015	Writing reusable code
82		17-11-2015	**System Verilog**
83		18-11-2015	
84	21	19-11-2015	Introduction to System Verilog
85		20-11-2015	System Verilog Declaration spaces
86	22	21-11-2015	System Verilog Literal Values and Built-in Data Types
87		22-11-2015	System Verilog User-Defined and Enumerated Types
88		23-11-2015	System Verilog Arrays, Structures and Unions
89	23	24-11-2015	System Verilog Procedural Blocks, Tasks and Function
90		25-11-2015	System Verilog Procedural Statements
91		26-11-2015	Modelling Finite State Machines with System Verilog
92		27-11-2015	System Verilog Design Hierarchy
93	24	28-11-2015	System Verilog Interfaces
94		29-11-2015	Behavioral and Transaction Level Modelling
95	25	30-11-2015	**FPGA Flow**
96		01-12-2015	
97		02-12-2015	Re-configurable Devices, FPGA's/CPLD's
98		03-12-2015	Architectures of XILINX, ALTERA Devices
99	26	04-12-2015	Designing with FPGAs
100		09-12-2015	False paths and multi cycle paths
101		10-12-2015	UCF file creation
102		11-12-2015	Timing analysis/Floor Planning
103		12-12-2015	Place and route/RPM
104	27	14-12-2015	DSP on FPGA
105		15-12-2015	Writing Scripts

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

VALUE ADDED COURSE

06-07-2015

CIRCULAR

This is to inform all B. Tech students that the classes for the value added courses for the academic year 2014-2015 for the regulation R13, R15, R16, will be commenced from 10-07-2015 for all batches. Hence, requesting all the interested students to register the following value added course.

S. No	Program name	Branch	Semester	Value added course
1	B.Tech	All Branches	I	CRT- JAVA
2	B.Tech	All Branches	I	CRT- C

Training In-charge

Principal

Principal
Bharat Institute of Engg. and Te...
Mangalpally(V), Ibrahimpatnam(M)
Ranga Reddy (Dist)-Telangana-501510

Bharat Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam-501510

BIET

Conducts Technical Training

By

Campus Recruitment Training Committee (CRT)

From 07 July 2014 to 12 November 2014

&
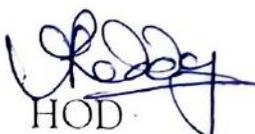
16 December 2014 to 05 April 2015

Resource Persons:

External Faculty from FACE

Participants:

- I, II & III B. Tech Students from all Branches

Training In-charge

HOD

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpatnam – 501 510, Hyderabad
Department of Computer Science and Engineering
Academic Year – 2014-15

Course Instructors: FACE External Faculty

Class: All Branches

Subject: CRT - JAVA

Lecture No	Week	Date	Topics to be Covered
1	1	13/08/2014	A way of viewing world – Agents and Communities,
2		13/08/2014	Messages and methods, Responsibilities, Classes and Instances
3		14/08/2014	Class Hierarchies- Inheritance, Method
4		14/09/2014	binding, Overriding and Exceptions, Summary of Object-Oriented concepts
5		15/09/2014	Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators,
6		15/09/2014	expressions, Control Statements, Introducing classes, Methods and Classes, String handling
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8		20/10/2014	Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc Polymorphism, pure polymorphism, method overriding.
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11		22/11/2014	Stream based I/O(java.io) – The Stream classes-Byte streams and Character
12		22/11/2014	streams
13	3	27/11/2014	Test - I
14		27/12/2014	
15		28/12/2014	Exception handling - Fundamentals of exception handling, Exception types,
16		28/12/2014	Termination or presumptive models, Multithreading- Differences between thread-based multitasking and process-based multitasking
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19	4	04/01/2015	GUI Programming with Swing – Introduction, limitations of AWT
20		04/02/2015	
21		05/02/2015	MVC architecture, components, containers, Understanding Layout Managers, Flow
22		05/02/2015	Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout
23		06/03/2015	Applets – Applets and HTML, Security Issues, Applets and Applications, passing
24		06/03/2015	parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
25	5	11/03/2015	Test - II
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30		13/04/2015	
31		05/05/2015	MVC architecture, components, containers, Understanding Layout Managers, Flow
32		05/05/2015	Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout

33		06/05/2015	**Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets Creating a Swing Applet, Painting in Swing, A Paint example
34		06/05/2015	
35	6	11/06/2015	Test - III
36		11/06/2015	
37		12/07/2015	Projects on Java Programming – Session - II
38		12/07/2015	
39		13/07/2015	Projects on Java Programming – Session - III
40		12/07/2015	Projects on Java Programming – Session - IV
41		12/07/2015	
42		13/07/2015	Comprehensive test

Signature of the Faculty