PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization: Database, RDBMS, SQL

Name of the Faculty Member: Afroz Pasha

Title of the Value Added Course: Business Intelligence and its Applications

Course Duration: [30 hours] [From June 2021 to August 2021]

Course Code: CSE V 029

Introduction to the Course: The main purpose of this course is to learn and understand the fundamentals of Business Intelligence, this course requires the prerequisite of Relational Database Concepts. BI Definitions & Concepts; Business Applications of BI; BI Framework, Role of Data Warehousing in BI, BI Infrastructure Components – BI Process, BI Technology, Basics of Data Integration, Introduction to Data Integration Introduction to SSIS Architecture, Introduction to Multi-Dimensional Data Modelling and Basics of Enterprise Reporting Introduction to enterprise reporting; Concepts of dashboards, balanced scorecards.

Course Outcomes: On successful completion of the course the students shall be able to :

01.To understand fundamentals of Business Intelligence and Data warehousing.

02.Apply SSAS for multidimensional modeling.

03. Apply SSIS for data integration.

04. Apply SSRS for enterprise reporting.

Course Content:

UNIT – I   **6Hrs**
Introduction to Business Intelligence   Types of digital data; Introduction to OLTP, OLAP and Data Mining; BI Definitions & Concepts; Business Applications of BI; BI Framework, Role of Data Warehousing in BI, BI Infrastructure Components – BI Process, BI Technology.

UNIT – II   **6 Hrs**
Basics of Data Integration   Basics of Data Integration (Extraction Transformation Loading); Concepts of data integration; Need and advantages of using data integration; Introduction to common data integration approaches; Introduction to data quality, data profiling concepts and applications

UNIT – III   **6 Hrs**

Introduction to Data Integration Introduction to SSIS Architecture, Introduction to ETL using SSIS; Integration Services objects; Data flow components – Sources, Transformations and Destinations;

UNIT – IV   **6 Hrs**

Introduction to Multi-Dimensional Data Modelling Introduction to data and dimension modelling, multidimensional data model, ER Modelling vs. multi dimensional modelling; Concepts of dimensions, facts, cubes, attribute, hierarchies, star and snowflake schema; Introduction to business metrics and KPIs; Creating cubes using SSAS

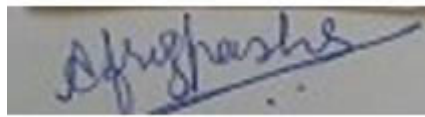**UNIT – V**   **6 Hrs**

Basics of Enterprise Reporting Introduction to enterprise reporting; Concepts of dashboards, balanced scorecards; Project: Data warehouse creation and designing reports; Introduction to SSRS Architecture, Enterprise reporting using SSRS; Use of Business Intelligence Development Studio (BIDS)
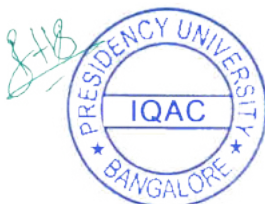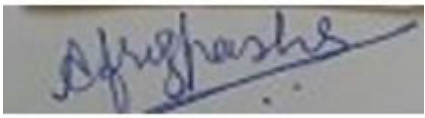

Afroz Pasha

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Attendance					
School of Information Science					
Course Code :	CSEV029			2020-2021	
Course Name :	Business Intelligence and its Applications			Even Semester	
S. No	**Roll No**	**Name**	**Total no of classes**	**Percentage of attendance**	**Eligible for Certificate (Y/N)**
1	20191BCA0017	SANNIDHI BHASKARA LAKSHMI GANESH	30	85%	YES
Name of Course Instructor 1:	Afroz Pasha				
Employee ID of Course Instructor 1:					

Presidency University, Bengaluru
Value Added Course Marksheet
School of Information Science

Course Code :		CSE V 029				Academic Year :		2020-2021
Course Name :		**Business Intelligence and its Applications**				Semester :		Even Sem
						Instructor-in-Charge Name :		Afroz Pasha
						Instructor-in-Charge Employee ID :		PUNIV00996

S. No	UID No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks(100)	Eligible for Certificate (Y/N)	Remark
1	201916600024	20191BCA0017	SANNIDHI BHASKARA LAKSHMI GANESH	SOIS	85%	75	Y	NA
Name of Course Instructor 1:			AFROZ PASHA					
Employee ID of Course Instructor 1:			PUNIV00996					

Signature of the Faculty

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization:

REGISTRAR

Name of the Faculty Member: Dr Blessed Prince .P and Mrs Pavithra.N

Tile of the Value Added Course: Mobile Application Development

Course Duration: [30 hours]

Course Code: CSE V 0143

Introduction to the Course:

The main objective of the Mobile Application Development course is to teach students the basics of android platform and application life cycle. Students will develop mobile applications with Android containing at least one of the following phone material components: GPS, accelerometer or phone camera, use simple GUI applications and work with database to store data locally or in a server.

Course Pre-requisites:

The student needs to have fundamental understanding of object oriented programming concepts with Java/C#, XML, usage of any integrated development environment.

Course Outcomes: On successful completion of the course the students shall be able to :

1. Discuss the fundamentals of mobile application development and its architecture.

2. Choose appropriate android view to design the mobile application.

3. Demonstrate the use of services, broadcast receiver, Notifications and content provider.

4. Apply data persistence techniques, to perform CRUD operations.

5. Create mobile applications with multimedia and internet services.

Course Content:

Module 1: Introduction and Architecture of Android :-Android: History and features, Architecture, Development Tools, Android Debug Bridge (ADB), and Life cycle.
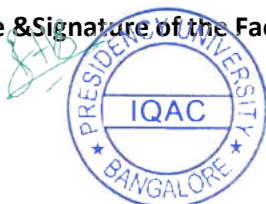
Module 2: User Interfaces, Intent and Fragments :-Views, Layout, Menu, Intent and Fragments.

Module 3: Components of Android :-Activities, Services, Broadcast receivers, Content providers and Hosting the App in Playstore.

Module 4: Notifications and Data Persistence :-Notification, Shared Preferences, SQLite database, Third party library integration (cloud).
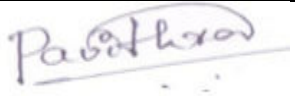
Dr Blessed Prince   , Pavithra.N

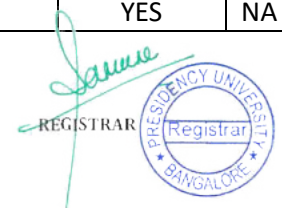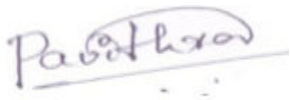**Name &Signature of the Faculty Member**   **Approval by the HOD**

Presidency University, Bengaluru
Value Added Course Attendence
School of Information Science

Course Code :	CSE V 143			2020-2021
Course Name :	Mobile Application Development			Even Semester

S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0008	DIVYASHREE S	30	75%	Y
2	20191BCA0020	VARSHA N C	30	82%	Y
3	20191BCA0022	VINODHINI S	30	67%	Y
4	20191BCA0013	PRIYANKA S P	30	88%	Y

Name of Course Instructor 1:	Pavithra.N			
Employee ID of Course Instructor 1:	PUNIV01246			Pavithra

Presidency University, Bengaluru
Value Added Course Marksheet
School of Engineering

Course Code :	CSE V 143	Academic Year :2021-2022	2020-2021
Course Name :	Mobile Application Development	Semester	Even Semester
		Instructor-in-Charge Name :	Pavithra.N
		Instructor-in-Charge Employee ID :	PUNIV01246

S. No	UID No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	201916600013	20191BCA0008	DIVYASHREE S	SOIS	75%	45	YES	NA

								NA
2	201916600015	20191BCA0020	VARSHA N C	SOIS	82%	58	YES	
3	201916600016	20191BCA0022	VINODHINI S	SOIS	67%	71	YES	NA
4		20191BCA0013 PRIYANKA S P		SOIS	88%	51	YES	NA

Name of Course Instructor 1:	Pavithra.N					
Employee ID of Course Instructor 1:	PUNIV01246					
						Pavithra
Name of Course Instructor 2:						
Employee ID of Course Instructor 2:						**Signature of Instructor-in-Charge**

PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Name of the Faculty Members: Ms. Kaipa Sandhya, Ms. Amreen Ayesha

Tile of the Value Added Course: Problem Solving in Python

Course Duration: 30 hours
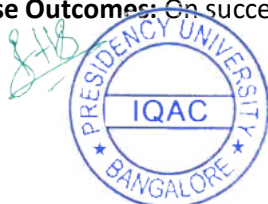
Course Code: CSE V092

COURSE PREREQUISITES:

The student is expected to have knowledge of basics of programming (C programming).

Introduction to the Course:
This value added course provides the opportunity for the students to get familiarize with one of the most popular programming language of the time- Python and develop Python scripts using its powerful programming features like lists,tuples and dictionaries Students will also be introduced to data visualization concepts using the popular packages.

Course Outcomes: On successful completion of the course the students shall be able to :

01. **Apply basic programming concepts to solve problems.**

02. **Apply data structures using python.**

03. **Employ data visualization using python modules.**

COURSE CONTENT (SYLLABUS):

Data types, operators and Expressions, Input and Output Statements,String, Lists, Tuples, Dictionaries,Data Visualization using Numpy, Pandas and matplotlib; Seaborn and Bokeh plots.

DELIVERY PROCEDURE (PEDAGOGY):

Self-learning topics: Built-in Functions in python.

Experiential Learning: Students should complete lab programs by the end of each practical session or before the next session . Submit topic-wise assignment before deadline.

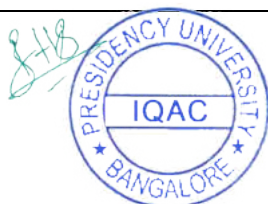**Ms. Kaipa Sandhya, Ms. Amreen Ayesha**

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Attendence					
School of Information Science					
Course Code :	CSEV092				2020 -2021
Course Name :	Problem Solving in Python				Even Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0031	DEVANG GUPTA	30	97%	Y
Name of Course Instructor 1:	KAIPA SANDHYA				
Employee ID of Course Instructor 1:	PUNIV00848				

Presidency University, Bengaluru
Value Added Course Marksheet
School of Information Science

Course Code :	CSE V 092		Academic Year :		2020-2021	
Course Name :	**PROBLEM SOLVING IN PYTHON**		Semester :		SUMMER TERM VAC	
			Instructor-in-Charge Name :		KAIPA SANDHYA	
			Instructor-in-Charge Employee ID :		PUNIV00848	
S. No	Roll No	Name	School	Attendance (in %)	Marks (100)	Eligible for Certificate (Y/N)	Remark
1	20191BCA0031	DEVANG GUPTA	SOIS	97%	96	**Y**	NONE
Name of Course Instructor :		**KAIPA SANDHYA**				
Employee ID of Course Instructor :		**PUNIV00848**				
					Signature of Instructor-in-Charge	

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization: UX-Design

Name of the Faculty Member: Sunilkumar Teggihalli

Tile of the Value Added Course: UX-Design Basics

Course Duration: [30 hours]

Course Code: CSE V 120

Introduction to the Course:
 User experience (UX) designers focus on the experience that users have while using products like websites, apps, and physical objects. UX designers make those everyday interactions useful, enjoyable, and accessible. In this course, you'll be introduced to the world of UX and the factors that contribute to great user experience design. You'll understand the job of a UX designer and teams that UX designers often work with.

Course Pre-requisites: An open mind and empathy**.**

Course Outcomes: On successful completion of the course the students shall be able to :

Define the field of UX and explain why it's important for consumers and businesses.

Understand foundational concepts in UX design, such as user-centered design, the design process, accessibility, and equity-focused design.

Identify the factors that contribute to great user experience design.

Understand the job responsibilities of entry-level UX designers and teams that they work with.

Explore job opportunities and career paths within the field of user experience.

Describe common UX research methods.

Empathize with users to understand their needs and pain points.

Develop problem statements to define user needs.

Generate ideas for possible solutions to user problems.

Course Content: Basics of User Experience Design, Different Job profiles in the field of UX-Design, Designing for a good User Experience, Introduction to User Experience Design. Commonly used terms, tools, and frameworks in UX-Design. User-centered design, the design process, accessibility, and equity-focused design. factors that contribute to great user experience design, 5 elements of UX design, & design thinking process. Empathy maps, personas, user stories, and user journey maps to understand user needs.

Sunilkumar Teggihalli

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru
Value Added Course Marksheet
School of Information Science

Course Code :		CSE V 120	Academic Year :		2020-2021
Course Name :		UX-Design(Basics)	Semester :		Even Sem
			Instructor-in-Charge Name :		Sunilkumar Teggihalli
			Instructor-in-Charge Employee ID :		PUNIV00931

S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0018	SHREYAS N GOWDA		90%	20	N	Scored below 40%
2	20191BCA0023	ZALA VIVEK RAMSIBHAI	SOIS	90%	70	Y	
3	20191BCA0029	PRATHIKSHA D	SOIS	90%	60	Y	
Name of Course Instructor 1:	Sunilkumar Teggihalli						
Employee ID of Course Instructor 1:	PUNIV00931						
						Signature of Instructor-in-Charge	

PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization: Bigdata

Name of the Faculty Member: Dr. Manujakshi B C

Tile of the Value Added Course: Basics of Java Programming

Course Duration: [30 hours] [From June 10th 2021]

Course Code: CSE V 122

Introduction to the Course:

This course introduces the core concepts of object-oriented programming. This course has theory and lab component which emphasizes on understanding the implementation and application of object-oriented programming paradigm. It helps the student to build real time secure applications by applying these concepts and also for effective problem solving. The students interpret and understand the need for object oriented programming to build applications.

Course Pre-requisites: Basic Programming Knowledge

Course Outcomes: On successful completion of the course the students shall be able to :

01: Write programs using basic concepts.

02: Apply the concept of arrays, strings, polymorphism & inheritance and exceptions.

⬛ Introduction to Object Oriented Programming, Java Evolution, and How Java differs from C++, Features of Java, Java Environment: Installing JDK (JVM, JRE), Java Source File Structure, Compilation and Execution of Java Programs. TOKENS: Data types, Variables, Operators, Control Statements, Command Line Arguments.

Course Content:

⬛ CLASSES, OBJECTS, AND METHODS: Defining a class, access specifiers, instantiating objects, reference variable, accessing class members and methods, constructors, method overloading, static members, static methods, inner class, Wrapper class , Autoboxing and Unboxing

⬛ Defining an Array, Initializing & Accessing Array, Multi –Dimensional Array. Passing arrays to method, returning arrays.Creating Strings & Operation on String.Defining a subclass, Types of

Inheritance, Method overriding, Dynamic method invocation.Interface - Definition, Implementing interface, abstract methods.
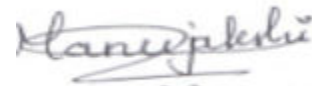
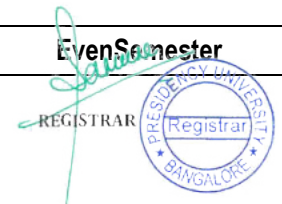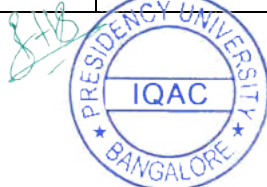 Exceptions: Types of Exceptions, Handling the Exception with try, catch, finally.

MANUJAKSHI B C
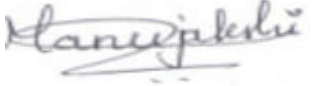
Name &Signature of the Faculty Member   Approval by the HOD.

Presidency University, Bengaluru						
Value Added Course Attendence						
School of Information Science						
Course Code :	CSE V122					2020-2021
Course Name :	Basics of Java Progrmming					Even Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)	
1	20191BCA0001	AAFREEN FIROZ	30	70%	Y	
2	20191BCA0004	ABHISHEK GAUTAM	30	62%	Y	
3	20191BCA0007	AYUSH KUMAR	30	71%	Y	
4	20191BCA0019	SIMRAN SINGH	30	56%	Y	
5	20191BCA0022	VINODHINI S	30	81%	Y	
Name of Course Instructor 1:						
Employee ID of Course Instructor 1:						

Presidency University, Bengaluru			
Value Added Course Marksheet			
School of Information Science			
Course Code :	CSE V 122 VAC	Academic Year :2021-2022	2020-2021
Course	BASICS OF JAVA PROGRMMING	Semester :	EvenSemester

Name :			Instructor-in-Charge Name :		Dr.Manujakshi B C	
			Instructor-in-Charge Employee ID :		PUNIV00949	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks(40M)	Eligible for Certificate (Y/N)	Remark
1	20191BCA0001	AAFREEN FIROZ	SOIS	70%	40	Y	NA
2	20191BCA0004	ABHISHEK GAUTAM	SOIS	62%	53	Y	NA
3	20191BCA0007	AYUSH KUMAR	SOIS	71%	48	Y	NA
4	20191BCA0019	SIMRAN SINGH	SOIS	56%	57	Y	NA
5	20191BCA0022	VINODHINI S	SOIS	81%	68	Y	NA

Name of Course Instructor 1:	Dr.Manujakshi B C	
Employee ID of Course Instructor 1:	PUNIV00949	
		Signature of Instructor-in-Charge

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization: Data Science

Name of the Faculty Member: Prof. Galiveeti Poornima

Tile of the Value Added Course: Data Science from Scratch with Python

Course Duration: [30 hours]

Course Code: CSE V 123

Introduction to the Course:

Data science continues to evolve as one of the most promising and in-demand career paths for skilled professionals. The course will introduce data manipulation and cleaning techniques using the popular python pandas data science library and introduce the abstraction of the Series and DataFrame as the central data structures for data analysis, along with tutorials on how to use functions such as groupby, merge, and pivot tables effectively. By the end of this course, students will be able to take tabular data, clean it, manipulate it, and run basic inferential statistical analyses.

Course Pre-requisites:

NIL

Course Outcomes: On successful completion of the course the students shall be able to :

▢ Understand techniques such as lambdas and manipulating csv files.

▢ Describe common Python functionality and features used for data science.

▢ Query DataFrame structures for cleaning and processing.

Course Content:

Basics of Python, Visualizing Data, Linear Algebra, Statistics, Probability, Hypothesis and Inference, Gradient Descent, k-Neareast Neighbors, Naïve Bayes, Simple Linear Regression, Multiple Regression, Logistic Regression, Decision Trees, Clustering, MapReduce, Data Ethics.

C t—y

Galiveeti Poornima

Name &Signature of the Faculty Member   **Approval by the HOD.**
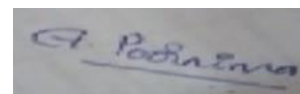
Presidency University, Bengaluru
Value Added Course Attendence
School of Information Science
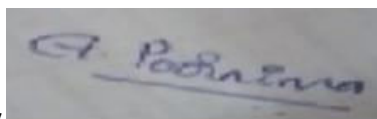
Course Code :		CSEV123			2020-2021
Course Name :		**Data Science from Scratch Using Python**			**Even Semester**
S. No	**Roll No**	**Name**	**Total no of classes**	**Percentage of Attendance**	**Eligible for Certificate (Y/N)**
1	20191BCA0010	HARSHAVARDHAN S R	30	70%	YES
2	20191BCA0017	SANNIDHI BHASKARA LAKSHMI GANES H	30	70%	YES
3	20191BCA0035	MANISH	30	100%	YES

Name of Course Instructor 1:	Galiveeti Poornima
Employee ID of Course Instructor 1:	PUNIV00998

Presidency University, Bengaluru
Value Added Course Marksheet
School of Information Science

Course Code :	CSE - V - 123		Academic Year :	2020-2021
Course Name :	Data Science from Scratch Using Python		Semester :	Even Sem
			Instructor-in-Charge Name :	Galiveeti Poornima
			Instructor-in-Charge Employee ID :	PUNIV00998

S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0010	HARSHAVARDHAN S R	SOIS	70%	50	Y	
2	20191BCA0017	SANNIDHI BHASKARA LAKSHMI GANESH	SOIS	70%	60	Y	
3	20191bca0035	MANISH	SOIS	100%	89	Y	

Name of Course Instructor 1:	Galiveeti Poornima
Employee ID of Instructor 1:	PUNIV00998

Signature of Faculty

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department : Bachelor of Computer Applications

Area of Specialization: MULTIMEDIA

Name of the Faculty Member: ISAAC JOEL RAJ S

REGISTRAR

Tile of the Value Added Course: DART PROGRAMMING

 Course Duration: [30 hours]

Course Code: CSE V 148

Introduction to the Course:

This course aims to focus on the essential programming concepts for developing multi cross platform based applications. . It helps students in developing applications usingFlutter, the Google's mobile UI framework used for crafting high-quality native interfaces on iOS and Android.

Course Pre-requisites:

Basic knowledge of Programming and Mobile Application development

Course Outcomes:

On successful completion of the course the students shall be able to :

1. Understand the fundamentals of the Dart Programming

2. Interpret Flutter framework and create basic applications

3. Develop multicross platform based applications.

Course Content:

Overview - Data Types - Variables - Operators - Loops -Decision Making - Number, String, Lists, Map, Symbol, Runes, Enumeration, Functions, Interfaces, Classes, Objects - Collections - Generic - Packaging - Exceptions - Debugging - Libraries - Async - Concurrency - Unit Testing - HTML DOM - Basic Flutter Code - Flutter UI: Important widgets, themes, and layout - User Interaction: Forms and Gestures-Working with Databases - Tsting Flutter Application

Isaac Joel Raj. S

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru				
Value Added Course Attendence				
School of Information Science				
Course Code :	CSEV148			2020-2021
Course Name :	Dart Programming			Even Semester

S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0006	ANMOL VASHISHTH	30	93%	Y
2	20191BCA0031	DEVANG GUPTA	30	93%	Y
3	20191BCA0038	RISHABH RAJ	30	100%	Y

Name of Course Instructor 1:	Prof. ISAAC JOEL RAJ S		
Employee ID of Course Instructor 1:	PUNIV01356		

Presidency University, Bengaluru

Value Added Course Marksheet

School of Information Science

Course Code :	CSEV148	Academic Year :2020-2021		2020-2021
Course Name :	DART PROGRAMMING	Semester :		Summer term EVEN Semester
		Instructor-in-Charge Name :		Prof. ISAAC JOEL RAJ S
		Instructor-in-Charge Employee ID :		PUNIV01356

S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)
1	20191BCA0006	ANMOL VASHISHTH	SOIS	93%	97	Y
2	20191BCA0031	DEVANG GUPTA	SOIS	93%	95	Y
3	20191BCA0038	RISHABH RAJ	SOIS	100%	99	Y

Name of Course Instructor 1:	Prof. ISAAC JOEL RAJ S		
Employee ID of Course Instructor 1:	PUNIV01356		
			Signature of Instructor-in-Charge

PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization: Computer Science and Engineering

Name of the Faculty Member: Ashit Kumar Subudhi

Title of the Value Added Course: Design, Analysis and Algorithm

Course Duration: [30 hours] [From   June 2021 to July 2021   ]

Course Code: CSE/507

Introduction to the Course:

▢ To teach paradigms and approaches used to analyze and design algorithms and to appreciate the impact of algorithm design in practice.

▢ To make students understand how the worst-case time complexity of an algorithm is defined, how asymptotic notation is used to provide a rough classification of algorithms.

▢ To explain different computational models (e.g., divide-and-conquer), order notation and various complexity measures (e.g., running time, disk space) to analyze the complexity/performance of different algorithms.

▢ To teach various advanced design and analysis techniques such as greedy algorithms, dynamic programming.

Course Outcomes: On successful completion of the course the students shall be able to :

    01. Analyze the asymptotic performance of algorithms.

    02. Write rigorous correctness proofs for algorithms.

    03. Apply important algorithmic design paradigms and methods of analysis.

Course Content: [Briefly mention all the important topics to be covered in this course]

Introduction to algorithms, analysis and design techniques. Analysis Techniques: Mathematical, Empirical and Asymptotic analysis. Review of the notations in asymptotic analysis. Recurrence Relations and Solving Recurrences - Proof Techniques – Illustrations.

Divide and conquer approach,Sorting& order statistics: Divide and Conquer technique – Various Comparison based Sorts – Analysis of the Worst-case and the Best-cases

Greedy method,Dynamic Programming

AshitkumarSubudhi

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Attendence					
School of Information Science					
Course Code :	CSEV001				**2020-2021**
Course Name :	Design Analysis and Algorithm				**ODD Semester**
S. No	**Roll No**	**Name**	**Total no of classes**	**Percentage of Attendance**	**Eligible for Certificate (Y/N)**
1	20191BCA0024	TEJAS V	30	76%	YES
2	20191BCA0038	RISHABH RAJ	30	78%	YES
Name of Course Instructor 1: Ashit Kumar Subudhi					
Employee ID of Course Instructor 1:					

Presidency University, Bengaluru			
Value Added Course Marksheet			
School of Information Science			
Course Code :	CSE V 001	**Academic Year :**	2020-2021
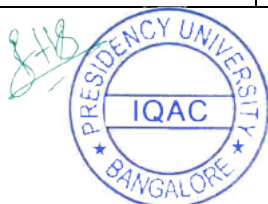
Course Name :	Design Analysis And Algorithm		Semester :		Odd Semester	
			Instructor-in-Charge Name :		Ashit Kumar Subudhi	
			Instructor-in-Charge Employee ID :		PUNIV01117	
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0024	TEJAS V	SOIS	76%	77	Y	
2	20191BCA0038	RISHABH RAJ	SOIS	78%	72	Y	
Name of Course Instructor 1:	Ashit Kumar Subudhi					Insert scanned digtlal signature here	
Employee ID of Course Instructor 1:	PUNIV01117						

PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department : Bachelor of Computer Applications

Area of Specialization: Data Mining

Name of the Faculty Member/Members: Divya

Title of the Value Added Course: Computer Graphics

Course Duration: [30 hrs]

Course Code: CSE V 003

Introduction to the Course: Computer graphics is the branch of computer science that deals with generating images with the aid of computers. Today, computer graphics is a core technology in digital photography, film, video games, cell phone and computer displays, and many specialized applications.

Course Outcomes: On successful completion of the course the students shall be able to :

01) Understand the basics of computer graphics, different graphics systems and applications of computer graphics.

02) Discuss various algorithms for scan conversion and filling of basic objects and their comparative analysis.

03) Use of geometric transformations on graphics objects and their application in composite form.

**04)** Extract scene with different clipping methods and its transformation to graphics display device

Course Content: Introduction: History of computer graphics, graphics architectures and software, imaging: pinhole camera,human vision, synthetic camera, modeling vs rendering OpenGL: architecture, displaying simple two-dimensional geometric objects, positioning systems, working in a windowed environment Color: Color perception, color models (RGB, CMY, HLS), color transformations. Color in OpenGL. RGB and Indexed color. Input: working in a network environment, client-server computing; input measure, event, sample and request input, using callbacks, picking. Geometric transformations: affine transformations (translation, rotation, scaling, shear), Rasterization: line drawing via Bresenham's algorithm, clipping, polygonal fill, BitBlt. Introduction to hidden surface removal (z buffer).

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Attendence					
School of Information Science					
Course Code :	CSEV003				**2020-2021**
Course Name :	Computer Graphics				**ODD Semester**
S. No	**Roll No**	**Name**	**Total no of classes**	**Percentage of Attendance**	**Eligible for Certificate (Y/N)**
1	20191BCA0011	IBRAHIM AFLAH NIHAL T A	30	66%	Yes
2	20191BCA0015	ROHIT MALAKAR	30	75%	Yes
3	20191BCA0021	VENKAT PAWAN N	30	92%	Yes
4	20191BCA0022	VINODHINI S	30	68%	Yes
5	20191BCA0029	PRATHIKSHA D	30	95%	Yes
6	20191BCA0033	PUTTA TEJESWAR REDDY	30	78%	Yes
7	20191BCA0036	BANDARU SASIKIRAN	30	96%	Yes
8	20191BCA0039	N CHIRAG	30	94%	Yes
Name of Course Instructor 1: Divya					
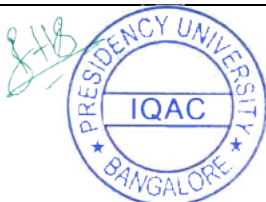
Employee ID of Course Instructor 1: PUNIV00455

Presidency University, Bengaluru

Value Added Course Marksheet

School of Information Science

Course Code :		CSEV003		Academic Year :2021-2022	2020-2021		
Course Name :		**Computer Graphics**		Semester :4rth,6th,8th	Odd Semester		
				Instructor-in-Charge Name :	Divya		
				Instructor-in-Charge Employee ID :	PUNIV00455		
S. No	**Roll No**	**Name**	**School (e.g. SoE/SoL)**	**Attendance (in %)**	**Marks**	**Eligible for Certificate (Y/N)**	**Remark**
1	20191BCA0011	IBRAHIM AFLAH NIHAL T A	SOIS	66%	40	Y	
2	20191BCA0015	ROHIT MALAKAR	SOIS	75%	54	Y	
3	20191BCA0021	VENKAT PAWAN N	SOIS	92%	98	Y	
4	20191BCA0022	VINODHINI S	SOIS	68%	40	Y	
5	20191BCA0029	PRATHIKSHA D	SOIS	95%	96	Y	
6	20191BCA0033	PUTTA TEJESWAR REDDY	SOIS	78%	58	Y	
7	20191BCA0036	BANDARU SASIKIRAN	SOIS	96%	98	Y	
8	20191BCA0039	N CHIRAG	SOIS	94%	98	Y	
Name of Course Instructor 1:	**DIVYA**						
Employee ID of Course Instructor 1:	**PUNIV00455**						
						Signature of Instructor-in-Charge	

PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization:

Name of the Faculty Members: Shankar J , M Chandra Sekhar

Title of the Value Added Course: Object Oriented Programming with C++   - (CSE-V-011)

 Course Duration: [30 hours]

Course Code: CSEV011

Introduction to the Course:

This course helps student to How program in the popular (and tricky!) C++ programming language, for complete beginners.

Course Pre-requisites:

Students should have basic knowledge of C programming.

Course Outcomes: On successful completion of the course the students shall be able to :

1. develop powerful C++ programs

2. apply for C++ jobs, with at least a possibility of success

3. understand the basics of computer programming, including Object Orientation

 Course Content:

**Module 1: Introduction to object oriented programming concepts. Beginning with C++,
        Comparisions with C. Functions in C++.   4 hours.**
**Module 2: Classes and Objects. Specifying Class , Members of class, Array of object,
        Friendly functions. Constructor and destructor.   6hours**
**Module 3: operator overloading, inheritance, virtual function and polymorphism.
                                        10hours**
**Module 4: Exception handling, working with file. An object oriented approach in real
   Life problems.   10hours**

Shankar J, M Chandra Sekhar

Name &Signature of the Faculty Member   Approval by the HOD.

Presidency University, Bengaluru					
Value Added Course Attendence					
School of Information Science					
Course Code :	CSEV011				2020-2021
Course Name :	OBJECT ORIENTED PROGRAMMING IN C++				ODD Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0023	ZALA VIVEK RAMSIBHAI	30	90%	YES
2	20201BCV0001	AADITYA PRADEEP CHANDRASEKHAR	30	92%	YES
3	20201BCV0002	AKSHAT ARYAN	30	81%	YES
4	20201BCV0005	DAKSHAYINI L G	30	76%	YES
5	20201BCV0006	HARSHITA KHUSHU	30	75%	YES
6	20201BCV0007	ISHITA RATHOD	30	75%	YES
7	20201BCV0008	KHYATI KOMRE	30	89%	YES
8	20201BCV0009	MOHAMMED FARHAAN PASHA	30	77%	YES
9	20201BCV0010	RADHUNANDAN	30	90%	YES
10	20201BCV0012	RAJESHWARI SAHANI	30	92%	YES
11	20201BCV0013	RUTHVIK C REDDY	30	70%	NO
12	20201BCV0015	VEDANT SHARMA	30	95%	YES
13	20201BCV0016	VISHWAJITH H	30	92%	YES
14	20201BCV0018	YADHU KRISHNA K	30	86%	YES
15	20201BCV0019	CHANNILLA HARSHA VARDHAN	30	94%	NO
16	20201BCV0020	GAJJALA VAMSI	30	92%	YES
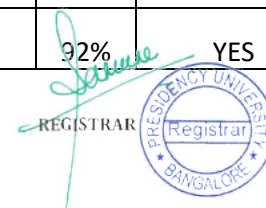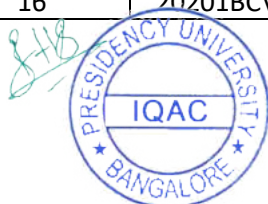
17	20201BCV0021	KARUMURU KIRANMAYEE KEERTHI	30	84%	YES
18	20201BCV0023	P VAISHNAVI	30	78%	YES
19	20201BCG0001	KUMAR ABHINAV	30	96%	YES
20	20201BCG0002	ABHISHEK GOWDA K	30	94%	NO
21	20201BCG0003	ADITHYA BINU	30	94%	YES
22	20201BCG0004	ADITYA CHOWDHURY	30	96%	YES
23	20201BCG0006	B VIGNESS	30	98%	YES
24	20201BCG0007	BHAVANI V	30	98%	YES
25	20201BCG0008	DEON MATHEW SABU	30	100%	YES
26	20201BCG0010	GANESHKUMAR MALLIKARJUN	30	100%	YES
27	20201BCG0011	KOHINOOR SUTHAR	30	100%	YES
28	20201BCG0012	MANISH R KUMAR	30	100%	YES
29	20201BCG0013	MOHAMMED JIYAD THANKAYATHIL	30	98%	NO
30	20201BCG0014	NISHANTH N	30	98%	YES
31	20201BCG0015	PRATIK KUMAR PUGLIA	30	96%	NO
32	20201BCG0016	PREETHAM G GOWDA	30	96%	YES
33	20201BCG0018	ROHITH S	30	100%	YES
34	20201BCG0019	SATYAJIT BORGOHAIN	30	100%	YES
35	20201BCG0020	SRAJAN PATEL	30	100%	YES
36	20201BCG0021	SUBHAM AGARWAL	30	98%	YES
37	20201BCG0022	SUHAIL KHAN SULAIMAN	30	94%	YES
38	20201BCG0023	SURAJ U	30	98%	YES
39	20201BCG0024	TANAY DESHMUKH	30	98%	YES
40	20201BCG0025	VEDANT SHARMA	30	98%	NO
41	20201BCG0026	VISHNU G	30	98%	YES
42	20201BCG0028	YASH SHARMA	30	98%	YES
43	20201BCG0029	AARON SANKESHWAR	30	75%	NO
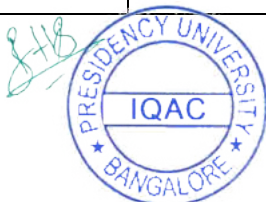
Name of the Faculty	**Shankar J , M Chandra Sekhar**			
Employee ID :	**PUNIV01405**			

Presidency University, Bengaluru

Value Added Course Marksheet

School of Engineering

Course Code :	CSE V 011		Academic Year :		2020-2021

Course Name :	OBJECT ORIENTED PROGRAMMING IN C++	Semester :	Odd Semester
		Instructor-in-Charge Name :	Shankar J ,
		Instructor-in-Charge Employee ID :	PUNIV01405

S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0023	ZALA VIVEK RAMSIBHAI	SOIS	90%	32	YES	NA
2	20201BCV0001	AADITYA PRADEEP CHANDRASEKHAR	SOIS	92%	87	YES	NA
3	20201BCV0002	AKSHAT ARYAN	SOIS	81%	87	YES	NA
4	20201BCV0005	DAKSHAYINI L G	SOIS	76%	82	YES	NA
5	20201BCV0006	HARSHITA KHUSHU	SOIS	75%	92	YES	NA
6	20201BCV0007	ISHITA RATHOD	SOIS	75%	90	YES	NA
7	20201BCV0008	KHYATI KOMRE	SOIS	89%	95	YES	NA
8	20201BCV0009	MOHAMMED FARHAAN PASHA	SOIS	77%	92	YES	NA
9	20201BCV0010	RADHUNANDAN	SOIS	90%	79	YES	NA
10	20201BCV0012	RAJESHWARI SAHANI	SOIS	92%	92	YES	NA
11	20201BCV0013	RUTHVIK C REDDY	SOIS	70%	24	NO	NA
12	20201BCV0015	VEDANT SHARMA	SOIS	95%	80	YES	NA
13	20201BCV0016	VISHWAJITH H	SOIS	92%	75	YES	NA
14	20201BCV0018	YADHU KRISHNA K	SOIS	86%	79	YES	NA
15	20201BCV0019	CHANNILLA HARSHA VARDHAN	SOIS	94%	12	NO	NA
16	20201BCV0020	GAJJALA VAMSI	SOIS	92%	90	YES	NA
17	20201BCV0021	KARUMURU	SOIS	84%	79	YES	NA

		KIRANMAYEE KEERTHI					
18	20201BCV0023	P VAISHNAVI	SOIS	78%	80	YES	NA
19	20201BCG0001	KUMAR ABHINAV	SOIS	96%	72	YES	NA
20	20201BCG0002	ABHISHEK GOWDA K	SOIS	94%	20	NO	NA
21	20201BCG0003	ADITHYA BINU	SOIS	94%	72	YES	NA
22	20201BCG0004	ADITYA CHOWDHURY	SOIS	96%	72	YES	NA
23	20201BCG0006	B VIGNESS	SOIS	98%	58	YES	NA
24	20201BCG0007	BHAVANI V	SOIS	98%	66	YES	NA
25	20201BCG0008	DEON MATHEW SABU	SOIS	100%	74	YES	NA
26	20201BCG0010	GANESHKUMAR MALLIKARJUN	SOIS	100%	56	YES	NA
27	20201BCG0011	KOHINOOR SUTHAR	SOIS	100%	64	YES	NA
28	20201BCG0012	MANISH R KUMAR	SOIS	100%	70	YES	NA
29	20201BCG0013	MOHAMMED JIYAD THANKAYATHIL	SOIS	98%	28	NO	NA
30	20201BCG0014	NISHANTH N	SOIS	98%	62	YES	NA
31	20201BCG0015	PRATIK KUMAR PUGLIA	SOIS	96%	22	NO	NA
32	20201BCG0016	PREETHAM G GOWDA	SOIS	96%	78	YES	NA
33	20201BCG0018	ROHITH S	SOIS	100%	74	YES	NA
34	20201BCG0019	SATYAJIT BORGOHAIN	SOIS	100%	68	YES	NA
35	20201BCG0020	SRAJAN PATEL	SOIS	100%	66	YES	NA
36	20201BCG0021	SUBHAM AGARWAL	SOIS	98%	60	YES	NA
37	20201BCG0022	SUHAIL KHAN SULAIMAN	SOIS	94%	78	YES	NA
38	20201BCG0023	SURAJ U	SOIS	98%	70	YES	NA
39	20201BCG0024	TANAY DESHMUKH	SOIS	98%	76	YES	NA
40	20201BCG0025	VEDANT SHARMA	SOIS	98%	27	NO	NA
41	20201BCG0026	VISHNU G	SOIS	98%	72	YES	NA
42	20201BCG0028	YASH SHARMA	SOIS	98%	60	YES	NA
43	20201BCG0029	AARON SANKESHWAR	SOIS	75%	18	NO	NA
Name of Course Instructor 1:		**Shankar J , M Chandra Sekhar**					
Employee ID of Course Instructor 1:		**PUNIV01405**					

Insert scanned digtlal signature here

					Signature of Instructor-in-Charge		

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS
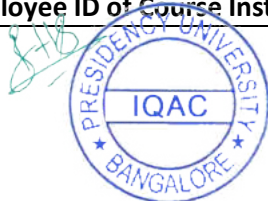
(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School:School of Information Science

Name of the Department: Bachelor of Computer Applications

Area of Specialization:Big Data Analytics

Name of the Faculty Membe:Dr.S.Senthilkumar

Tile of the Value Added Course: Big Data Tools

Course Duration: [30 hours] [From June 2021 toAug2021   ]

Course Code: CSE V 018

Introduction to the Course:

Big data Tools examines large amounts of data to uncover hidden patterns, correlations and other insights. With today's technology, it's possible to analyze your data and get answers from it immediately. Big Data Analytics helps you to understand your organization better. With the use of Big data analytics, one can make informed decisions without blindly relying on guesses.

Course Description:

This course is designed to provide the fundamental knowledge to equip students being able to handle real world big data problems including the three key resources of Big Data: people, organizations and sensor. With the advance of IT storage, Processing, Computation and Sensing technologies, big data has become a novel norm of life.

Course Prerequisite:

DDL, DML of SQL Queries and Creation of Class & object, interface, reading & writing a file, control statements in java programming.

Course Outcomes: On successful completion of the course the students shall be able to :

01Understand the concepts of HDFS and MapReduce framework.

02Explain theHadoop related tools for Big Data Analytics and perform basic Hadoop Administration

03Apply appropriate hadoop ecosystem tools to a given problem

Course Content: [Briefly mention all the important topics to be covered in this course]

Hadoop Distributed File System Basics

Introduction to Hadoop Distributed file system, HadoopMapReduce Framework, MapReduce Programming

Essential Hadoop Tools

Hadoop YARN Applications, Managing Hadoop with Apache Ambari, Basic Hadoop Administration Procedures

Working with Hadoop Ecosystem Tools

Hive : Introduction to Hive and its working architecture – Data Types - Creation and Dropping of Databases - Table Creation and Alter commands –Built-in Operators - Mathematical operators - Using of Select-& Where commands – Quires related to Select Order By and Group By operations - Working with joins

Hbase : Introduction to HBase and its working architecture- Commands for creation and listing of tables- disabled and is disabled of table - enable and is enabled of table- describing and dropping of table-Put and Get command - delete and delete all command-commands for scan, count, truncate of tables.
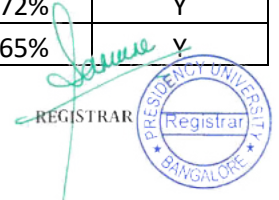
Dr.S.Senthilkumar
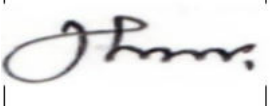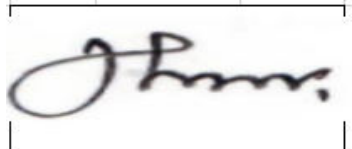
Name &Signature of the Faculty Member　　　　　　　　　　　**Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Marksheet					
School of Engineering					
Course Code :	CSEV018				2020-2021
Course Name :	Big Data Tools				ODD Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0017	SANNIDHI BHASKARA LAKSHMI GANES	30	72%	Y
2	20191BCA0035	MANISH PUN	30	65%	Y
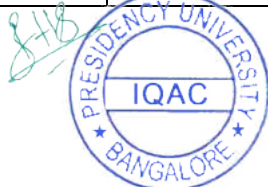
Name of Course Instructor 1: Dr.S.Senthilkumar					
Employee ID of Course Instructor 1: PUNIV01243					
Name of Course Instructor 2:					
Employee ID of Course Instructor 2:					

Presidency University, Bengaluru
Value Added Course Marksheet
School of Information Science

Course Code :	CSE V 018		Academic Year :2021-2022	2020-2021
Course Name :	Big Data Tools		Semester :	Odd Semester
			Instructor-in-Charge Name :	Dr.S.SENTHILKUMAR
			Instructor-in-Charge Employee ID :	PUNIV01243

S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks(50)	Eligible for Certificate (Y/N)	Remark
1	20191BCA0017	SANNIDHI BHASKARA LAKSHMI GANES	SOIS	72%	45	Y	
2	20191BCA0035	MANISH PUN	SOIS	65%	52	Y	

Name of Course Instructor 1:	Dr.Senthilkumar.S				
Employee ID of Course Instructor 1:	PUNIV01243				
Name of Course Instructor 2:	NIL				
Employee ID of Course Instructor 2:	NIL				Signature of Instructor-in-Charge

PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School:School of Information Science

Name of the Department: Bachelor of Computer Application

Area of Specialization:Web Services

Name of the Faculty Member: Yashaswini K A

Tile of the Value Added Course: HTML, CSS and JavaScript

Course Duration:[30 hours]

Course Code: CSEV051

Introduction to the Course:

This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or web design. Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and also validating with the use of Javascript.

Course Outcomes: On successful completion of the course the students shall be able to :

01:Apply Effective Web design principles

02: Apply CSS to format the webpages

03: Explain the use of Javascript in Webpages

Course Content:

Module 1: Introduction to HTML: HTML basics, evolution, Basic HTML tags, HTML attributes and Images, Links in HTML

Module 2: Cascading Style Sheets: Introcuction to CSS, basics, colors, levels of style sheets, page layout in CSS

Module 3: Java script: Basics of Javascript, Variables in JS, Conditonal statements and Looping statements in JS, Arrays and strings in JS.
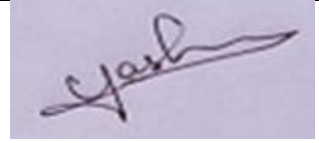
Yashaswini K A

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru
Value Added Course Attendence
School of Information Science

Course Code :	CSEV051				2020-2021
Course Name :	HTML and CSS				ODD Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0001	AAFREEN FIROZ	30	96%	Y
2	20191BCA0004	ABHISHEK GAUTAM	30	100%	Y
3	20191BCA0006	ANMOL VASHISHTH	30	100%	Y
4	20191BCA0018	SHREYAS N GOWDA	30	100%	Y
5	20191BCA0019	SIMRAN SINGH	30	98%	Y
6	20191BCA0027	NAVEEN A	30	94%	Y
7	20191BCA0028	SHASHI KIRAN B BALABATTI	30	98%	N
8	20191BCA0030	SURAJ PANDEY	30	98%	Y
9	20191BCA0034	SRINIDHI KN	30	96%	N
				98%	
Name of Course Instructor 1:	Yashaswini K A				
Employee ID of Course Instructor 1: PUNIV00978					
Name of Course Instructor 2:					
Employee ID of Course Instructor 2:					

Presidency University, Bengaluru
Value Added Course Marksheet
School of Engineering

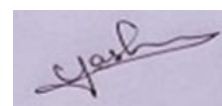| Course Code :	CSE V 051	Academic Year :	2020-2021
Course Name :	HTML, CSS ,Java Script Basics	Semester :4rth,6th,8th	Odd Semester
		Instructor-in-Charge Name :	Yashaswini K A
		Instructor-in-Charge Employee ID :	PUNIV00978
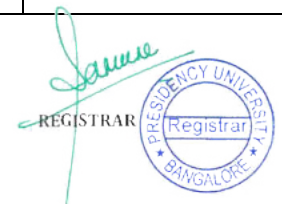
S. No	Roll No	Name	School (e.g. SoE/SoL)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0001	AAFREEN FIROZ	SOIS	96%	72	y	
2	20191BCA0004	ABHISHEK GAUTAM	SOIS	100%	72	y	
3	20191BCA0006	ANMOL VASHISHTH	SOIS	100%	58	y	
4	20191BCA0018	SHREYAS N GOWDA	SOIS	100%	66	y	
5	20191BCA0019	SIMRAN SINGH	SOIS	98%	74	y	
6	20191BCA0027	NAVEEN A	SOIS	94%	56	y	
7	20191BCA0028	SHASHI KIRAN B BALABATTI	SOIS	98%	64	y	
8	20191BCA0030	SURAJ PANDEY	SOIS	98%	70	y	
9	20191BCA0034	SRINIDHI KN	SOIS	96%	48	y	

Name of the Faculty : **Yashaswini K A**
Employee ID: **PUNIV00978**

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Application

Area of Specialization:Cloud Computing

 Name of the Faculty Member/Members: Ila Chandrakar

Tile of the Value Added Course: Cloud Computing

Course Duration: [30 hours]

Course Code: CSE V 071

Introduction to the Course:

This course gives the basic knowledge of cloud computing like benefits of cloud computing, services provided by cloud, types of clouds.

Course Outcomes: On successful completion of the course the students shall be able to :

01 Understand the services provided by the cloud.

02 Analyze the advantages and disadvantages of different types of cloud.

03Articulate the key security topics and risks associated with SaaS, PaaS, and IaaS cloud deployment models.

Course Content: [Briefly mention all the important topics to be covered in this course]

Benefits of cloud computing, Roles and Boundaries, Cloud Architecture, Cloud Delivery Models, Cloud Deployment Models, Cloud Enabling Technology.

Ila Chandrakar

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Marksheet					
School of Engineering					
Course Code :	CSEV071				2020-2021
Course Name :	Cloud Computing and Cloud Security				ODD Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0003	ABHISHEK ADHIKARI	30	100%	Y
2	20191BCA0029	PRATHIKSHA D	30	100%	Y
3	20191BCA0035	MANISH PUN	30	90%	Y
Name of Course Instructor 1: Ila Chandrakar					
Employee ID of Course Instructor 1:					
Name of Course Instructor 2:					
Employee ID of Course Instructor 2:					

Presidency University, Bengaluru
Value Added Course Marksheet

School of Engineering

Course Code :	CSEV071		Academic Year :2021-2022		2020-2021	
Course Name :	Cloud Computing and Cloud Security		Semester :4rth,6th,8th		Odd Semester	
			Instructor-in-Charge Name :		Ila Chandrakar	
			Instructor-in-Charge Employee ID :			
S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0003	ABHISHEK ADHIKARI	SOIS	100%	34	Y	
2	20191BCA0029	PRATHIKSHA D	SOIS	100%	36	Y	
3	20191BCA0035	MANISH PUN	SOIS	90%	30	Y	

Name of Course Instructor 1: : Ila Chandrakar

Employee ID of Course Instructor 1:

Name of Course Instructor 2:

Employee ID of Course Instructor 2:

Insert scanned digtlal signature here

Signature of Instructor-in-Charge

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

Name of the School: School of Information Science

Name of the Department: Bachelor of Computer Application

Area of Specialization:Web Technologies

Name of the Faculty Member:B PremaSindhuri

Tile of the Value Added Course: Web Programming with python and Django

Course Duration: [30hours]

Course Code: CSE V 086

REGISTRAR

Introduction to the Course:

The Django web development framework provides a fast, easy and secure method of developing rich websites using the Python programming language. This Django training course helps programmers learn to design, implement and manage web applications using Django.

Course Pre-requisites:

Python, Internet Programming (Web Technologies)

Course Outcomes: On successful completion of the course the students shall be able to :

1. **Develop full-stack web sites based on content stored in an RDMS**

2. **Use python data types appropriately**

3. **Create Django templates for easy-to-modify views**

4. **Understand the architecture of a Django-based web site**

Course Content:

Introduction to Python,Sequences and File Operations,Deep Dive – Functions, Sorting, Errors and Exception, Regular Expressions and Packages,ObjectOriented,Programming in Python,Debugging, Databases and Project Skeletons,Introduction to Django Web Framework,Templates and Forms

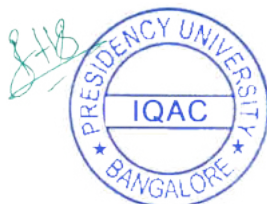**B. PremaSindhuri**

Name &Signature of the Faculty Member   **Approval by the HOD.**
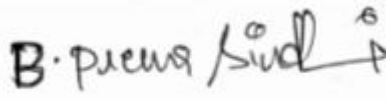
Presidency University, Bengaluru					
Value Added Course Attendence					
School of Information Science					
Course Code :	CSEV086				2020-2021
Course Name :	Web Programming with Python and Django				ODD Semester
S. No	Roll No	Name	Total no of classes	Percentage of Attendance	Eligible for Certificate (Y/N)
1	20191BCA0023	ZALA VIVEK RAMSIBHAI	30	73.33	YES
Name of Course Instructor 1: B. PremaSindhuri					
Employee ID of Course Instructor 1: PUNIV01251					

	Presidency University, Bengaluru			
	Value Added Course Marksheet			
	School of Information Science			

Course Code :	CSE V 086		Academic Year :		2020-2021
Course Name :	Web Programming with Python and Django		Semester :		Odd Semester
			Instructor-in-Charge Name :		B Prema Sindhuri
			Instructor-in-Charge Employee ID :		PUNIV01251

S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20191BCA0023	ZALA VIVEK RAMSIBHAI	SOE	73.33	45	Y	

Name of Course Instructor 1:	B. Prema Sindhuri			
Employee ID of Course Instructor 1:	PUNIV01251			
				B. prema Sindi
Name of Course Instructor 2:				
Employee ID of Course Instructor 2:				**Signature of Instructor-in-Charge**

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

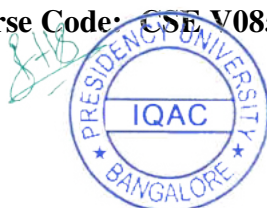**Name of the School:** School of Information Science

Name of the Department: Bachelor of Computer Science

Name of the Faculty Members: Ms. Shweta Singh, Mrs. Napa Lakshmi

Tile of the Value Added Course: Programming in Python

Course Duration: 30 hours

Course Code: CSE V085

REGISTRAR

COURSE PREREQUISITES:

The student is expected to have knowledge of basics of programming (C programming).

Introduction to the Course: This value added course provides the opportunity for the students to get familiarize with one of the most popular programming language of the time- Python and develop Python scripts using its powerful programming features like lists,tuples and dictionaries . Students will also be introduced to data visualization concepts using the popular packages.

Course Outcomes: On successful completion of the course the students shall be able to :

01. Apply basic programming concepts to solve problems.
02. Apply data structures using python.
03. Employ data visualization using python modules.

Course Content:

Basics of Python programming, Operators and expressions, Decision statements, Loop control statements, Functions, Lists, List processing :Searching and Sorting, Nested list, List comprehension, Tuples and Dictionaries, Modules and packages for data visualization.

DELIVERY PROCEDURE (PEDAGOGY):

Self-learning topics: Numeric and Mathematical Modules, Built-in Functions in python.

Experiential Learning: Students should complete lab programs by the end of each practical session or before the next session . Submit topic-wise assignment before deadline.

Ms. Shweta Singh, Mrs. Napa Lakshmi

Name &Signature of the Faculty Member   **Approval by the HOD.**

Presidency University, Bengaluru					
Value Added Course Attendence					
School of Information Science					
Course Code :	**CSE V 085**				**2020-2021**
Course Name :	**Programming In Python**				**Even Semester**
S. No	**Roll No**	**Name**	**Total no of classes**	**Percentage of Attendance**	**Eligible for Certificate (Y/N)**
1	20201BCG0001	KUMAR ABHINAV	30	60%	YES

			30		
2	20201BCG0002	ABHISHEK GOWDA K		85%	YES
3	20201BCG0003	ADITHYA BINU	30	85%	NO
4	20201BCG0004	ADITYA CHOWDHURY	30	30%	YES
5	20201BCG0006	B VIGNESS	30	90%	YES
6	20201BCG0007	BHAVANI V	30	50%	YES
7	20201BCG0008	DEON MATHEW SABU	30	30%	YES
8	20201BCG0010	GANESHKUMAR MALLIKARJUN	30	10%	NO
9	20201BCG0011	KOHINOOR SUTHAR	30	30%	NO
10	20201BCG0012	MANISH R KUMAR	30	10%	YES
11	20201BCG0013	MOHAMMED JIYAD THANKAYATHIL	30	20%	YES
12	20201BCG0014	NISHANTH N	30	30%	YES
13	20201BCG0015	PRATIK KUMAR PUGLIA	30	20%	YES
14	20201BCG0016	PREETHAM G GOWDA	30	0%	YES
15	20201BCG0018	ROHITH S	30	90%	YES
16	20201BCG0019	SATYAJIT BORGOHAIN	30	85%	YES
17	20201BCG0020	SRAJAN PATEL	30	90%	NO
18	20201BCG0021	SUBHAM AGARWAL	30	80%	YES
19	20201BCG0022	SUHAIL KHAN SULAIMAN	30	90%	YES
20	20201BCG0023	SURAJ U	30	83%	NO
21	20201BCG0024	TANAY DESHMUKH	30	87%	NO
22	20201BCG0025	VEDANT SHARMA	30	92%	YES
23	20201BCG0026	VISHNU G	30	85%	YES
24	20201BCG0028	YASH SHARMA	30	85%	NO
25	20201BCG0029	AARON SANKESHWAR	30	89%	YES
Name of Course Instructor 1:	**Ms. Shweta Singh, Mrs. Napa Lakshmi**				
Employee ID of Course Instructor 1:	PUNIV00927, PUNIV00904				

Presidency University, Bengaluru
Value Added Course Marksheet
School of Information Science

Course Code :	CSE V 085		Academic Year :2021-2022	2020-2021

Course Name :	Programming In Python		Semester :4rth,6th,8th	Odd Semester
			Instructor-in-Charge Name :	Ms. Napa Lakshmi and Ms. Shweta Singh
			Instructor-in-Charge Employee ID :	PUNIV00927, PUNIV00904

S. No	Roll No	Name	School (e.g. SoE/SoL etc)	Attendance (in %)	Marks	Eligible for Certificate (Y/N)	Remark
1	20201BCG0001	KUMAR ABHINAV	SOIS	60%	92	YES	NA
2	20201BCG0002	ABHISHEK GOWDA K	SOIS	85%	79	YES	NA
3	20201BCG0003	ADITHYA BINU	SOIS	85%	12	NO	NA
4	20201BCG0004	ADITYA CHOWDHURY	SOIS	30%	24	YES	NA
5	20201BCG0006	B VIGNESS	SOIS	90%	80	YES	NA
6	20201BCG0007	BHAVANI V	SOIS	50%	75	YES	NA
7	20201BCG0008	DEON MATHEW SABU	SOIS	30%	79	YES	NA
8	20201BCG0010	GANESHKUMAR MALLIKARJUN	SOIS	10%	12	NO	NA
9	20201BCG0011	KOHINOOR SUTHAR	SOIS	30%	17	NO	NA
10	20201BCG0012	MANISH R KUMAR	SOIS	10%	79	YES	NA
11	20201BCG0013	MOHAMMED JIYAD THANKAYATHIL	SOIS	20%	80	YES	NA
12	20201BCG0014	NISHANTH N	SOIS	30%	72	YES	NA
13	20201BCG0015	PRATIK KUMAR PUGLIA	SOIS	20%	20	YES	NA
14	20201BCG0016	PREETHAM G GOWDA	SOIS	0%	72	YES	NA
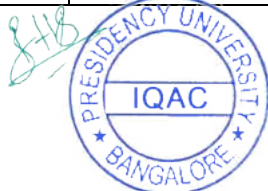
15	20201BCG0018	ROHITH S	SOIS	90%	72	YES	NA
16	20201BCG0019	SATYAJIT BORGOHAIN	SOIS	85%	58	YES	NA
17	20201BCG0020	SRAJAN PATEL	SOIS	90%	30	NO	NA
18	20201BCG0021	SUBHAM AGARWAL	SOIS	80%	74	YES	NA
19	20201BCG0022	SUHAIL KHAN SULAIMAN	SOIS	90%	56	YES	NA
20	20201BCG0023	SURAJ U	SOIS	83%	18	NO	NA
21	20201BCG0024	TANAY DESHMUKH	SOIS	87%	28	NO	NA
22	20201BCG0025	VEDANT SHARMA	SOIS	92%	28	YES	NA
23	20201BCG0026	VISHNU G	SOIS	85%	62	YES	NA
24	20201BCG0028	YASH SHARMA	SOIS	85%	22	NO	NA
25	20201BCG0029	AARON SANKESHWAR	SOIS	89%	45	YES	NA
Name of the Faculty		**Ms. Napa Lakshmi and Ms. Shweta Singh**					
Employee ID :		**PUNIV00927, PUNIV00904**					