Brochure content for Certificate Course

Title of the Course	**Computer Science: Programming for a purpose**
Date of Registration (From- to)	Nov , 2021
Date of Commencement	Nov , 2021
Venue	**ONLINE PLATFORM**
Duration	30 hours
Who can Enroll?	Any Students interested in learning technology
Registration Fee	NO FEES
Course Facilitators	**Prof. Saranya C** **Prof. Annie Christila** **Prof. Nayana KV** **Prof. Gowthami S**
Module 1	**Problem Solving Techniques and programing paradigms-Using C**
Module 2	**Java and Python for beginners**
Objectives (in two sentences)	• To teach you skills that will be relevant many years in the future • To develop their understanding of how computer

	and technology works.
Outcome (in two sentences)	• Students understand aspects of computational thinking to complete a goal • Students will have ability to create simple programs.
Name and Contact details Certificate course Coordinators	Prof. Saranya C 9629116587

Points to Note:

- The main topic of each module should be mentioned. The subtopics may be decided later.
- Each module should have 12 recorded videos, one quiz and two assignments.7+2+1=10
- Each recorded video should be a minimum of 30 minutes.

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Letter of Appointment

The Curriculum Enrichment Committee is pleased to appoint the following faculty as the course facilitators of the Certificate/Add-On course **Programming for a Purpose – Using C** from the Department of **Computer Application – UG**. They will be responsible for designing and developing the curriculum for the Certificate/Add On course, conducting the courses, and evaluating the course for the odd semester 2021-2022.

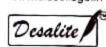| S.No	Name	Designation
1	Prof. Saranya C	Assistant Professor
2	Prof. Sailaja	Assistant Professor
3	Prof. Nayana K V	Assistant Professor
4	Prof. Gowthami S	Assistant Professor

COORDINATOR
Curriculum Enrichment Cell
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Date: 01.12.2022
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Desalite

Certificate/Add-On Course Report
Programming for a purpose Using C Java and Python for beginners

Title of the Course: Computer Science: Programming for a purpose

Date of Commencement: November, 2021

Date of Completion: January, 2022

Number of hours: 30 hrs

Course Facilitator/s: Prof. Saranya C
Prof. Sailaja
Prof. Nayana KV
Prof. Gowthami S

Course Objective: (in around 100 words)

> To teach you skills that will be relevant many years in the future
> To develop their understanding of how computer and technology works.

Course Structure: (Syllabus and Assessment Scheme to be attached)

Module 1: Problem Solving Techniques and programing Paradigms-Using C
Module 2: Java and Python for beginners

Report of the Course: (in around 250 words)

This Course is used to solve some problem or do some task. Programming paradigm is an approach to solve problem using some programming language or also we can say it is a method to solve a problem using tools and techniques that are available to us following some approach. There are lots for programming language that are known but all of them need to follow some strategy when they are implemented and this methodology/strategy is paradigms. Java and Python are two of the most popular programming languages. Of the two, Java is the faster language, but Python is simpler and easier to learn. Each is well-established, platform-independent, and part of a large, supportive community. But that is where the similarities end. When you're considering Python versus Java, each language has different uses for different purposes.

The outcome of the Course: (Minimum three points)

- Students understand aspects of computational thinking to complete a goal
- Students will have ability to create simple programs.

Attendance to be attached

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