Vidya Vikas Education Society's

Vikas College Of Arts Science & Commerce

Report on Certification Programs at Vikas College of Arts, Science & Commerce in Collaboration with Infosys Springboard for the academic year 2022-23

Vikas College of Arts, Science & Commerce, in partnership with Infosys Springboard, has successfully conducted numerous certification programs for students, completely free of charge. This initiative is part of Infosys' Corporate Social Responsibility (CSR) efforts, aimed at enhancing students' skills and knowledge in various domains.

The process begins with students registering for the program through the college. Upon registration, they are provided with login credentials that grant them access to the course material. The courses span a wide range of subjects, helping students develop both technical and soft skills, preparing them for future career opportunities.

For evaluation, students must secure a minimum of 70% to be eligible for certification. In case they do not achieve the required score, they are given the opportunity to retake the test, ensuring that all students have a fair chance to succeed.

This collaboration has empowered students by providing them with valuable industry-recognized certifications, boosting their employability and skillset.

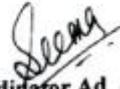**Name of the program:** Java Programming Fundamentals program

Date:

- ➢ Students can complete the certification program at their convenience, with the flexibility to choose **different dates** that fit their schedules.
- ➢ They have the freedom to log in and access video lectures anytime, from anywhere, ensuring a seamless learning experience that adapts to their needs.

List of students participated and completed the course:

Curriculum:

➢ **Introduction to Java and Development Environment**:Overview of Java: History, features, and applications, Setting up the Java Development Kit (JDK) and Integrated Development Environment (IDE), Writing and executing your first Java program ("Hello, World!")

➢ **Basic Syntax and Data Type**: Understanding variables, data types and operators, Control structures, Input and output using `Scanner` and `System.out`s.

➢ **Object-Oriented Programming (OOP) Concepts**: Core OOP principles: classes, objects, inheritance, polymorphism, encapsulation, Creating and using classes and objects, Understanding constructors, methods, and access modifiers.

➢ **Collections and Exception Handling:** Introduction to Java Collections Framework: Lists, Sets, Maps, Iterating through collections using loops and iterators, Exception handling: try-catch blocks, custom exceptions.

➢ **File I/O and Basic Networking:** Reading from and writing to files using Java I/O classes, Understanding streams and serialization, Basic networking concepts.

Duration:

1. The program was conducted over a 15-day period, providing a structured time frame for learning.

2. Completion of the program depends on each individual student's pace, allowing them to finish the course as per their own schedule within the given time

MODEL CERTIFICATE OF THE STUDENTS

||||||||||| **COURSE COMPLETION CERTIFICATE** |||||||||||

The certificate is awarded to
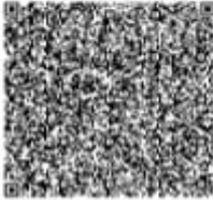
Ritesh More

for successfully completing the course

Java Programming Fundamentals

on Wednesday, August 24th 2022

Infosys | Springboard

Congratulations! You make us proud!

Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

Issued on: Wednesday, August 24th 2022
This certificate can be verified by scanning the QR code at https://verify.onwingspan.com

EVALUATION

For evaluation, students must secure a minimum of 70% to be eligible for certification. In case they do not achieve the required score, they are given the opportunity to retake the test, ensuring that all students have a fair chance to succeed.