Report on 15 Days Training Report on Development of Programming Skills using Python, Department of Computer Application

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Brief Report on
15 Days Summer Training
"Development of Programming Skills using Python”
Organized by
Department of Computer Application,
Integral University, Lucknow

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The **Department of Computer Application** organized a 15-day summer training program on **"Development of Programming Skills using Python"** from **21th July 2023 to 12th August 2023.** The main advantage of this training program is to provide a road of development of training intelligence initiating from the beginning of python and lead to covering advanced data structures.

Training Program Overview
The training spanned over 15 days and was conducted in offline mode which includes practical and hands-on experience of various algorithms and programs based on theoretical concepts of programming which is a key factor of the sessions. The aspect of the training program is to cover major modules of python programming as well as building and constructing programming skills that focus the attention of students through the pathway of interactive curriculum. This training program will help the students to face the technical challenges of data structure and algorithm. From the registration phase, we received a total of 139 registrations and out of this, 50 students have successfully cleared the certificate criteria.

Program Highlights:

- Concentration on strong bonding of students and programming skills is a key criteria of the session.
- Provides hands-on exercise on each and every concept that is discussed in the day to day training session.
- From basic to advanced understanding of Programming that helps students in their future approach.
- Discussion of data structure and algorithm, with proper implementation and practical demonstration.
- Organize quiz for revision and full fledged notes with program and their output that help the students in future.
- Provides easy implementation of Data Structure and Algorithm concepts that are challenging to every student.
- This training session will help students to face a tough challenge from a technical perspective.

The training was successfully conducted by the resource persons **Dr. Jeelani** and **Mr. Faizan Mahmood**, Assistant Professor, Department of Computer Application, Integral

University, Lucknow.

All of the participants, who have attended proper classes, acquire proper programming knowledge and hands-on experience for algorithms based on skills. Although this program receives a positive approach from the students, we will ensure that this type of training program will be organized by the Department of Computer Application, Integral University, Lucknow.

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