Don Bosco Institute of Technology, Mumbai – 400070

Department of Computer Engineering

Report on: **Technical Job Interview Crash Course**

Title: Technical Job Interview Crash Course

Date: 24th September, 2021

Time: 11:00 am to 01:00 pm

Venue: Zoom

Excerpt: https://us02web.zoom.us/j/82027807421?pwd=dUVnR21BK0txRW5iN0pTNHNVcUhuUT09

Participants on Google meet: 31

Resource Person: Grejo Joby, Hayden Cordeiro

Organizing Department/Committee/Authority: ACM Student Chapter

Faculty Coordinator: Ms. Sana Shaikh

Objective:

- To equip the students with the knowledge required to prepare for and crack technical interviews.
- To brush up on and help understand the fundamental programming concepts and methodologies which are essential.
- To be able to effectively debug and optimize the code.

Outcomes:

Learners will be able to:

- Confidently and effectively apply the knowledge acquired for their respective job interviews.
- Solve various problems by implementing fundamental OOPs concepts.
- Identify various resources to assist them in solving diverse technical problems.

REPORT:

ACM organised a *technical job interview crash course* session, which was conducted on the 24th of September 2021 from 11:00 am to 01:00 pm on the platform of zoom. The main motive behind this session was to prepare the BE students of the EXTC branch for technical interviews by brushing up on the basics of object-oriented programming (OOPS) and programming concepts. Mr. Grejo Joby along with Mr. Hayden Cordeiro addressed this session expeditiously.

Mr. Grejo Joby (Chairperson - ACM) commenced this session by discussing about the most commonly asked interview questions, and the important topics in accordance with their priority. Following that, he taught the basic syntax of the general-purpose programming language C++ along with sample codes. Further on, he gave a brief detailed explanation on C++ functions and structures and their various types.
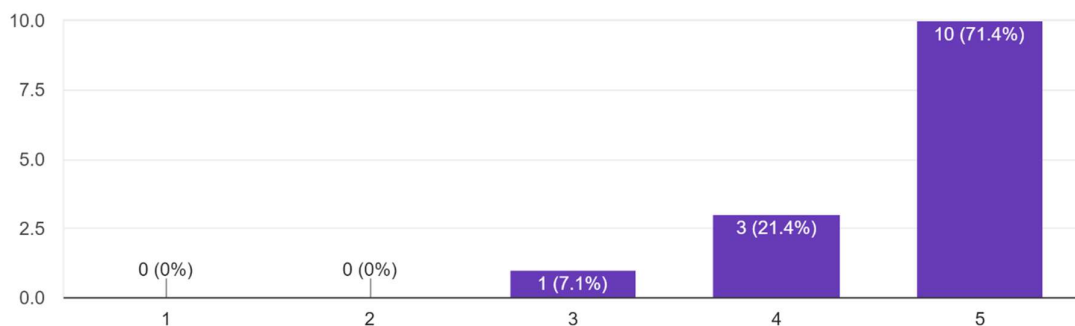
Mr. Hayden Cordeiro (Vice Chairperson - ACM) then took over, he began by giving an introduction on C++ OOPS and spoke about its advantages. Proceeding, he taught about its various functionalities (classes and objects, constructors, destructors, access specifiers). He then informed them about the main features of OOPS and explained concepts such as encapsulation, inheritance, polymorphism and abstraction.

Nearing the end of the crash course Mr. Hayden Cordeiro asked the students questions regarding the concepts that he covered and provided them with an overview of the content that he taught. He made sure that the concepts were clear. He also advised them to practice code output questions as they hold importance. At the end of the session, Mr Grejo and Mr Hayden answered all the questions and cleared the doubts that were asked by the students. All the students were requested to fill a feedback form before leaving which was provided to them to via the zoom chat box.
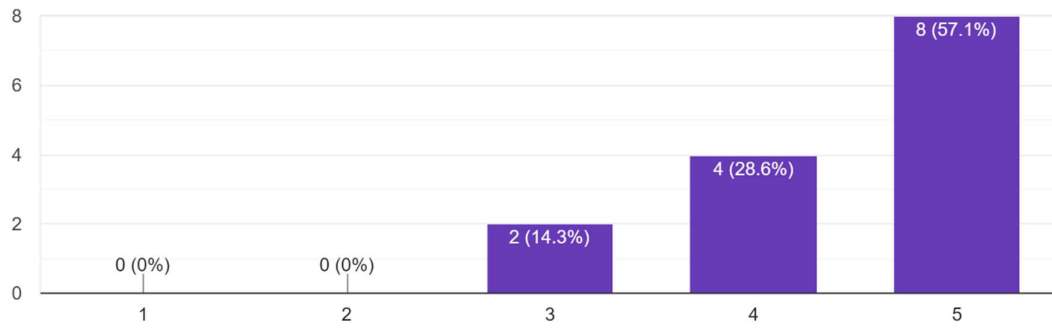
FEEDBACK ANALYSIS:

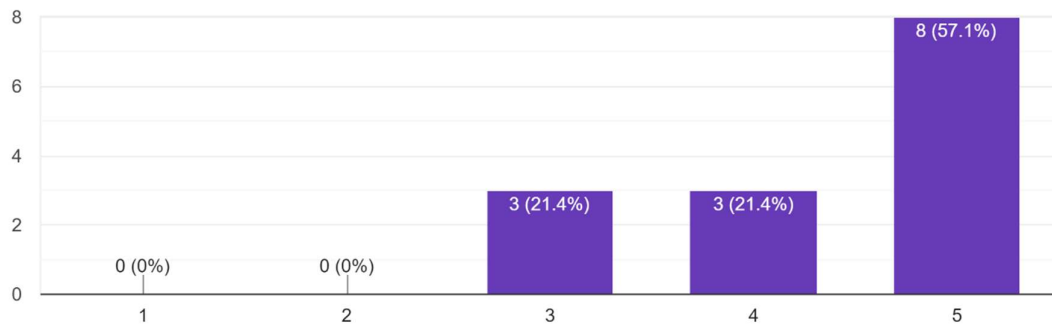Did you understand what are functions?
14 responses

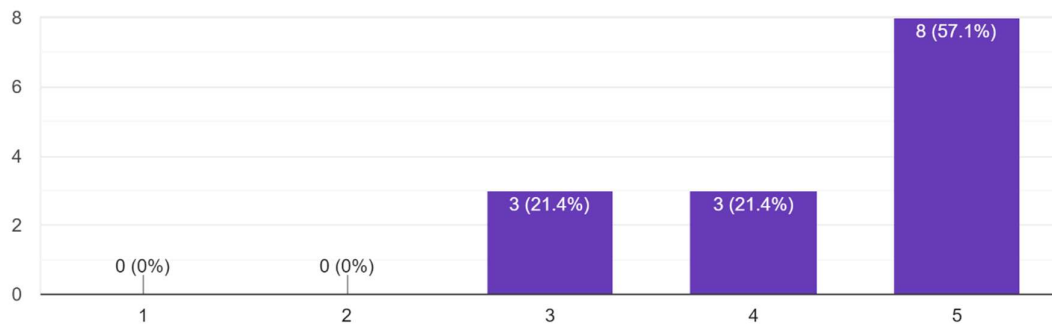## Did you understand the concept of inheritance ?

14 responses

Bar chart showing responses on a scale of 1 to 5:
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 2 (14.3%)
- 4: 4 (28.6%)
- 5: 8 (57.1%)

Did you understand the concept of encapsulation ?

14 responses

Bar chart showing responses on a scale of 1 to 5:
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 3 (21.4%)
- 4: 3 (21.4%)
- 5: 8 (57.1%)

Did you understand the concept of Polymorphism ?

14 responses

Bar chart showing responses on a scale of 1 to 5:
- 1: 0 (0%)
- 2: 0 (0%)
- 3: 3 (21.4%)
- 4: 3 (21.4%)
- 5: 8 (57.1%)

Did you understand the concept of Abstraction ?

14 responses
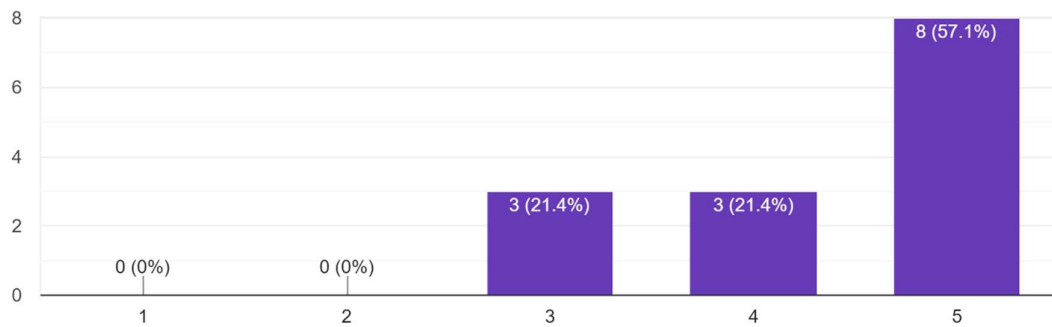
SNAPSHOT OF THE EVENT:

Report prepared by: Report approved by :

Ms. Grace Lewis   Ms. Sana Shaikh

(ACM Asst. Admin Head-DBIT)   (HOD Computer Department-DBIT)