



## St. Francis Institute of Technology

### **DEPARTMENT OF COMPUTER ENGINEERING**

Title of the workshop: Application Building using JavaFX and JDBC

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Academic Term: July to Dec 2022

Title of the workshop: **Application Building using JavaFX and JDBC**

Department: Computer Engineering

### Report from the Workshop Coordinators

**Description:** Kindly submit a one-page report stating the flow of the program and challenges faced throughout the program.

The report must include the following points –

**Topic:** Application Building using JavaFX and JDBC

**Organised by:** Department of Computer Engineering

**Duration with dates:** 1<sup>st</sup> October 2022, 2 sessions of 3 Hrs each.

**Objectives of the workshop:** To overcome the gap in syllabus of “OOP lab in Java” and to help students to build simple applications in Java using the tool JavaFX and also learn how to store and retrieve data using a database using JDBC connectivity.

**Target audience:** Second year students of Computer Engineering Department

**Name of the resource person:** Mr. Siddhant Mishra, Senior Software Engineer,  
Capegemini Technology Services India Limited.

**Sessions:** (Session 1)Time: 11:00 pm to 2:00 pm for SE CMPN A  
(Session 2)Time: 2:00 pm to 5:00 pm for SE CMPN B  
Conducted online using Google meet

**No. of participants: 116**

#### **Contents of the Workshop:**

- Installation of MySQL and Netbeans
- Basic commands of SQL
- Using NetBeans to build a student form
- Connecting to Database

#### **Description of the Entire Event:**

**Session 1:** The session started at 11:00 am with introduction of the speaker by Ms. Eva from SE CMPN A. Then Mr. Siddhant took over and started with the installation of basic software required for the workshop. Students were guided beforehand about the requirements



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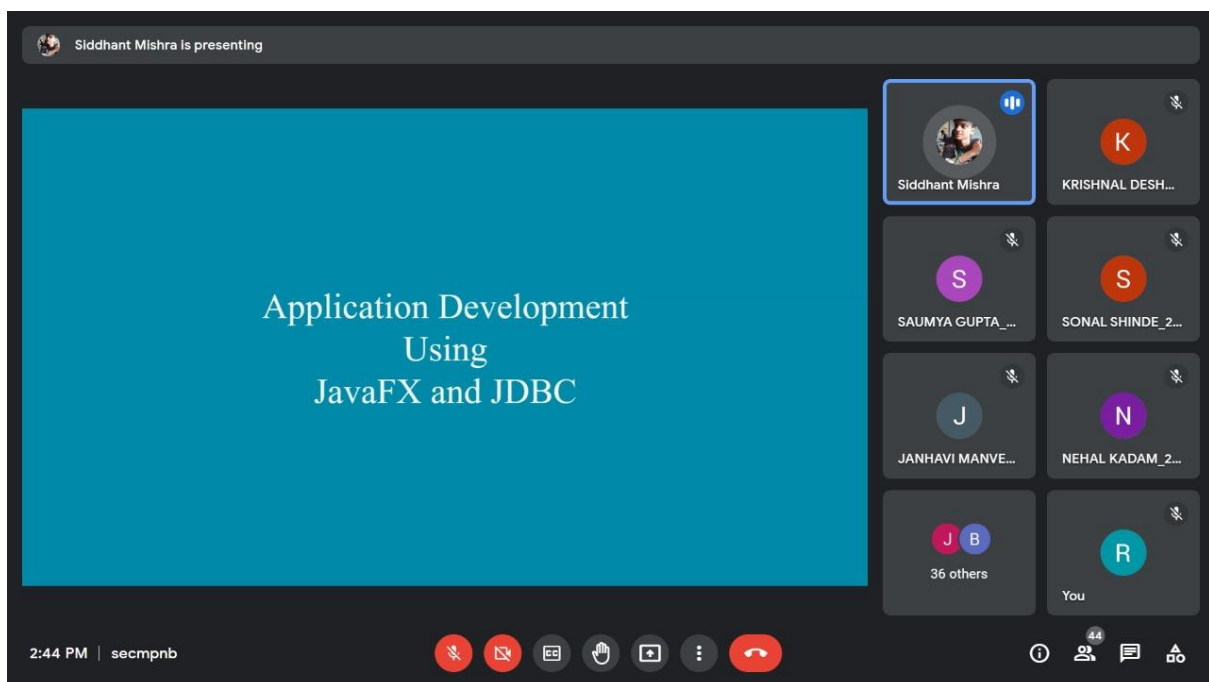
and almost all had installed the required software. Basic commands needed to connect to a backend using SQL were covered. How to use Netbeans to easily build a GUI application was covered. Mr. Siddhant showed each step to the students and cleared their doubts at the same time. Finally the session concluded at around 2:00 pm. The vote of thanks was given by Ms. Eva and students were asked if there was any feedback to be given. Some students mentioned how the workshop has been quite useful and would help in their mini project application development.

**Session 2:** The session started at 2:00 pm with introduction given by Mr. Prasad Phatak of SE CMPN B. Thereafter Mr. Siddhant took over and conducted the session with similar contents as in session 1. Finally the session concluded with vote of thanks by Mr. Prasad and feedback session by students. Students mentioned how the session was very helpful for them.

#### Overall feedback about the workshop and about the resource person:

Overall the workshop had been quite successful and achieved the objective of covering the gap in the syllabus. Students gave positive feedback that they were now confident of building a simple GUI application in Java. All the doubts were also cleared at regular intervals. Overall the resource person was very knowledgeable, interactive and the seminar was very beneficial for the students.

#### Snapshots of the Event:

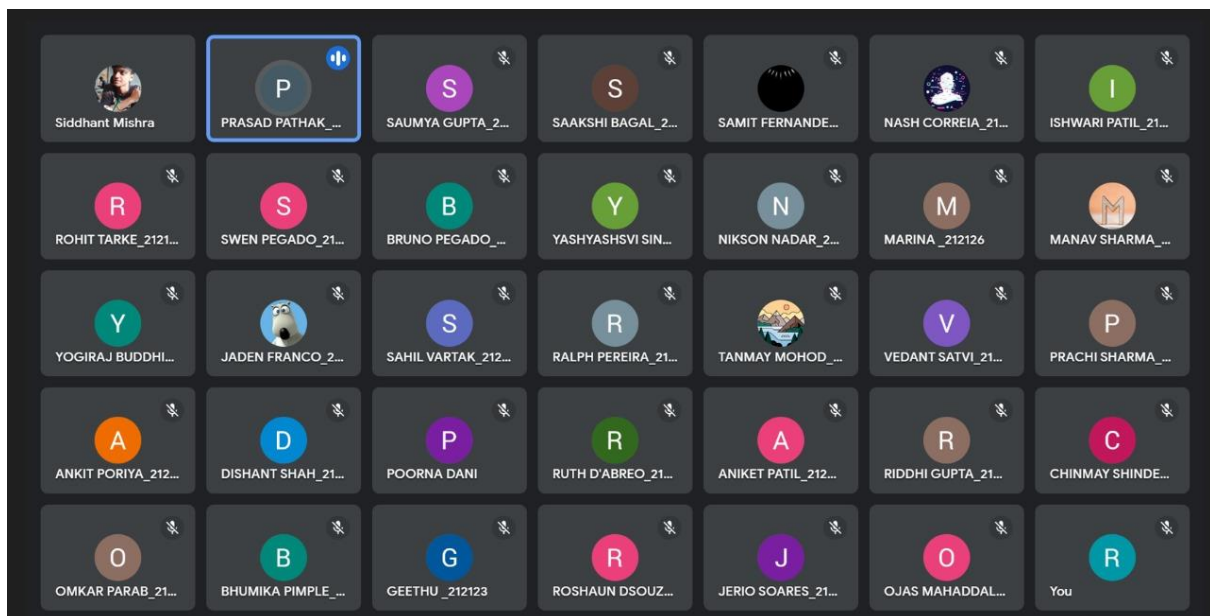
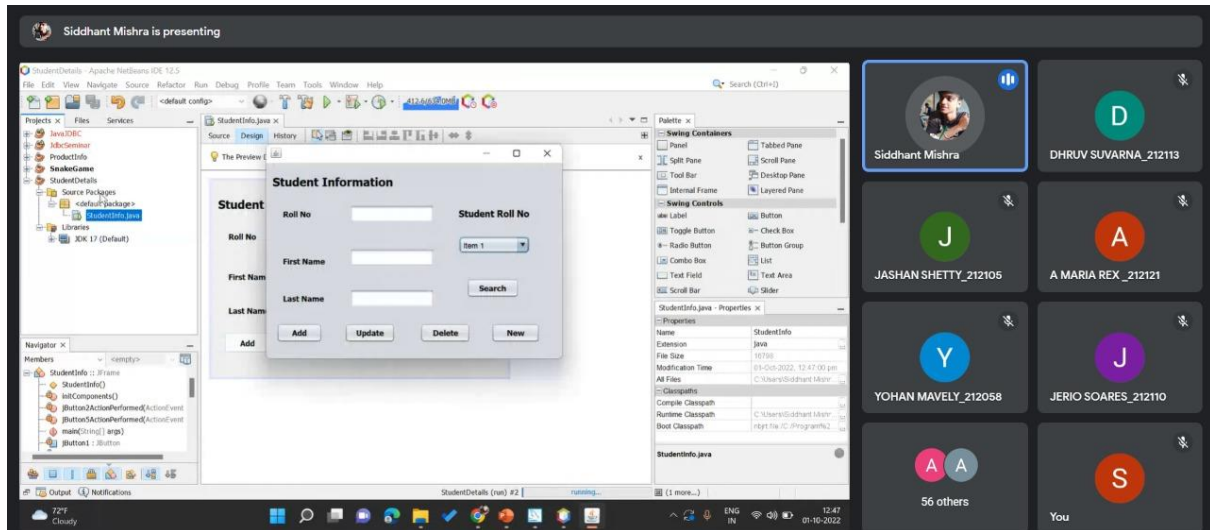




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Siddhant Mishra is presenting

Employee Information

Employee ID:  Select Employee ID

Name:  Item 1

Salary:  Search

Add Update Delete New

JERIO SOARES\_212110 3:20 PM  
how to open the properties window it is not available ?

JERIO SOARES\_212110 3:23 PM  
no

Send a message to everyone

3:26 PM | secmpnb

Siddhant Mishra is presenting

Student Information

Roll No:

First Name:

Last Name:

57 others



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Siddhant Mishra is presenting

CRUD Operations in SQL

C ( CREATE )	↔	INSERT
R ( READ )	↔	SELECT
U ( UPDATE )	↔	UPDATE
D ( DELETE )	↔	DELETE

Siddhant Mishra

EVA ZACHARIA\_212118

PRIYA KARUNAKARAN

AAKHAASH DICLAS\_212...

VAIDEHI KALE\_212043

JANET REBELLO\_212094

56 others

You

Siddhant Mishra

DHRUV SUVARN...

ALROY RODRIGU...

PRIYA KARUNAK...

AAKHAASH DICL...

VAIDEHI KALE\_2...

CHRISSEL MACH...

DHRUV SUVARN...

PRASHANT VANJ...

DENZIL MUDALI...

SAHIL PUTRAN\_2...

JASHAN SHETTY...

WARREN ANTHO...

HAJERA ALLI\_212...

JENNESSA ROW...

SHREYAS NAVAL...

JASON PEREIRA...

JERIO SOARES\_2...

HANSIE MENDO...

A MARIA REX\_21...

CHRISBAN MAST...

RAISA FURTADO...

FABIAN PEREIRA...

ATHARVA RAUT\_...

ASLIN DCUNHA\_...

YASH ANDHALE\_...

YOHAN MAVELY...

CALLAHAN CAR...

EVA ZACHARIA\_...

REUBEN D'SOUZ...

JELESTINA NAD...

JADEN PRASAD\_...

ALFRED VEMBIL\_...

SMITH LOPES\_21...

ROHAN DAS\_212...

ALISTER D'ALMEI...

REECE FALCAO\_212029

SAILEEN FERNANDES\_212...

MOHAMMED AMMAR DA...

GLENN DMELLO\_212024

23 others

You





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**Varsha Nagpurkar and K. Priya Karunakaran**

Workshop In-charge

**Dr.Kavita Sonawane**

HOD,CMPN