Event Category: Webinar
Event Name: "Applicat

"Application Development using JDBC"

08th January 2021. Date:



## J N N College of Engineering, Shivamogga

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## Department of Information Science and Engineering

#### An event report on

## Webinar - "Application development using JDBC"

The department organized a webinar on "Application development using JDBC" which was conducted on 8<sup>th</sup> January 2021 from 11 am to 12:30 pm using Google meet platform. Mr. Hemanth Kumar, Assistant Professor, Department of Computer Applications – MCA, JNNCE, Shivamogga, delivered the talk on the topic. There were more than 30 students who actively participated and made it a grand success.

The main goal of this webinar is to carry out the Mini-Project work for the 5<sup>th</sup> Semester students under Java Application development. The session was focused on building a Desktop application using Swings related to :

#### Front-end concepts:

#### 1. Java Swings:

Java is one of the most popular and widely used programming language and platform.

A platform is an environment that helps to develop and run programs written in any programming language.

Java Swing is a part of Java Foundation Classes (JFC) that is used to create window-based applications. It is built on the top of AWT (Abstract Windowing Toolkit) API and entirely written in java. Unlike AWT, Java Swing provides platform-independent and lightweight components. The javax.swing package provides classes for java swing API such as JButton, JTextField, JTextArea, JRadioButton, JCheckbox, JMenu, JColorChooser etc.

#### ▶ Back-end Concepts:

#### 1. MySQL:

MySQL server is a open-source relational database management system which is a major support for web based applications. Databases and related tables are the main component of many websites and applications as the data is stored and exchanged over the web. For all these reasons, MySQL server becomes the default choice for web applications.



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Followed by demonstration and usage of a NetBeans IDE has been delivered in the tall NetBeans IDE is a free, open source, integrated development environment (IDE) that enables yo to develop desktop, mobile and web applications. The IDE supports application development is various languages, including Java, HTML5, PHP and C++. The IDE provides integrated support for the complete development cycle, from project creation through debugging, profiling and deployment. The IDE runs on Windows, Linux, Mac OS X, and other UNIX-based systems.

Finally the session ended with building a Simple Application using Swings for GUI, Java for business-logic and connectivity with MySQL open source RDBMS server has been demonstrated using NetBeans IDE.

Few documents related to Webinar has been attached.



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## **Department of Information Science and Engineering**

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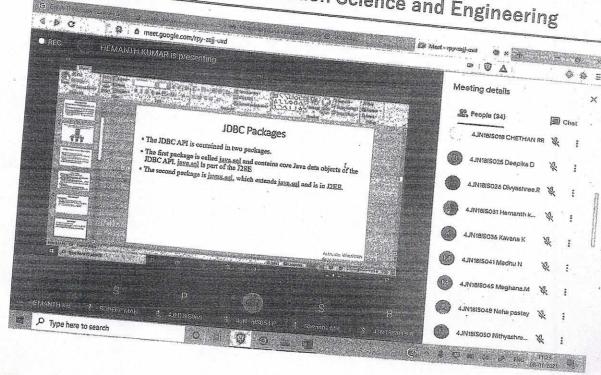
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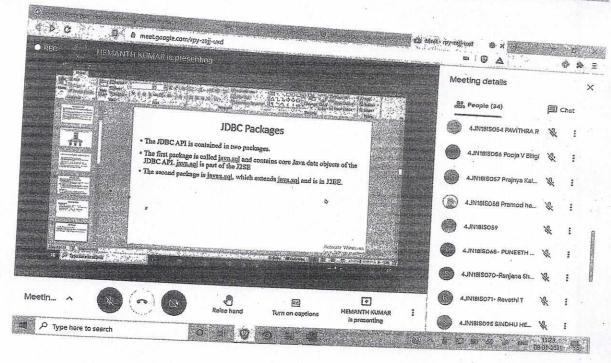
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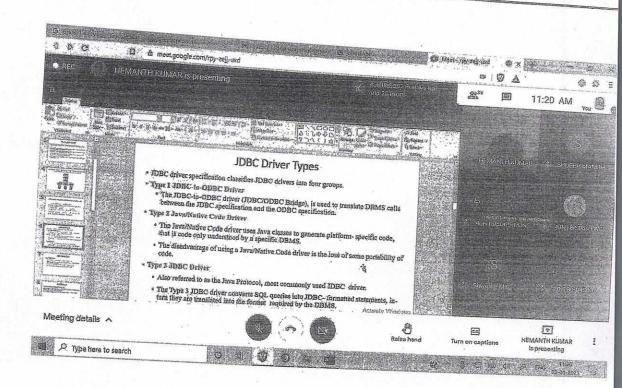


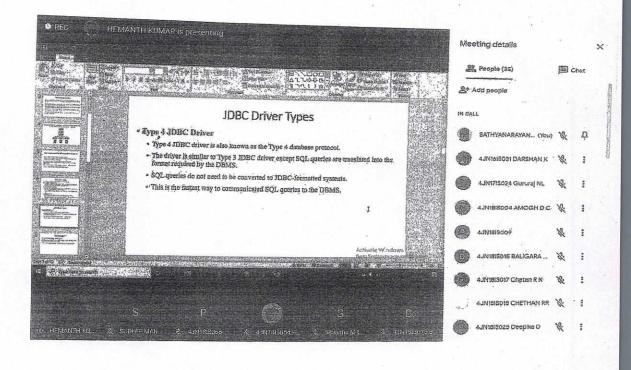




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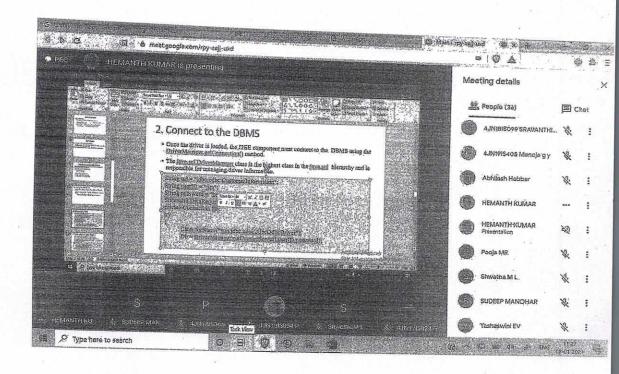


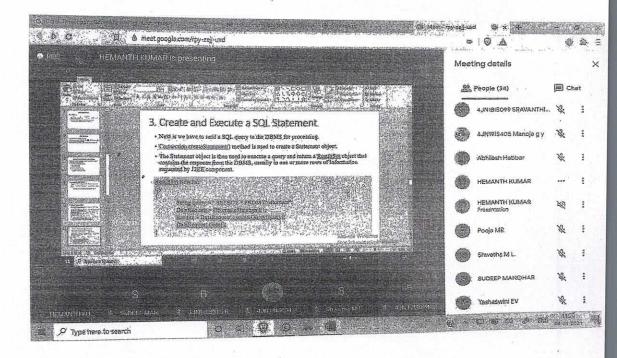




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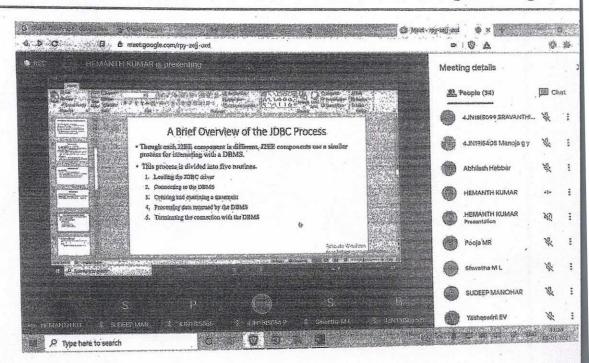






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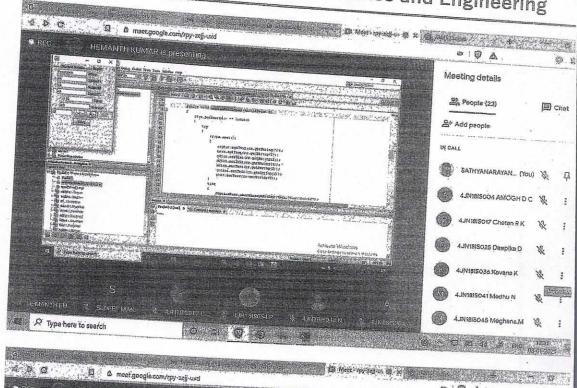


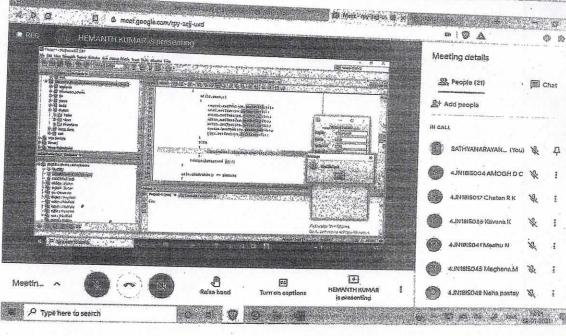


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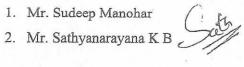




L.S. HOD, ISE

#### Coordinators:

- 1. Mr. Sudeep Manohar





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## Department of Information Science and Engineering

#### Letter of Appreciation

11-01-2021

To,

Mr. Hemanth Kumar,
Assistant Professor,
Department of Computer Applications - MCA,
JNNCE, Shivamogga.

Dear sir,

We would like to take this opportunity to express our heartfelt thanks to you for your active participation as a resource person in the webinar conducted at Department of ISE, J N N College of Engineering, Shivamogga on 08/01/2021.

You have shared your knowledge about the topic 'Application development using Java and MySQL' with your skills and expertise. Your effort in making our students understand the concepts of database connectivity using JDBC is highly appreciated. We look forward to your continued support in future.

Yours Truly,

HOD, ISE

Coordinators:

1. Mr. Sudeep Manohar

2. Mr. Sathyanarayana K B

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