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Principal, Professor of CSE

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Professor & HOD - CSE

COORDINATOR

Dr. S Venkata Achuta Rao
Professor of CSE

CO-COORDINATORS

Prof. P. Nagaraj, CSE
Prof. P. Srilatha, CSE

Further Details Contact:
9866668819 & 9063726208

REGISTRATION LINK

<https://forms.gle/BatZGPLvOLPL8YGu8>

Note: No Registration Fee



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Mrs. Lubna Yasmeen, CSE
Mr. M Naresh Chowdary, CSE

Two-Week Student Development Program On “Java Programming” From 10th - 22nd May, 2021

[Time: 5:00 PM – 06:30 PM]



ORGANIZED
BY
DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING



SREYAS
INSTITUTE OF ENGINEERING
AND TECHNOLOGY



ABOUT THE COLLEGE

Sreyas Institute of Engineering & Technology was established in the year 2011 under the aegis of Sreyas Educational Society. The Institute endeavors to impart high quality, competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

DEPARTMENT PROFILE

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Currently Department offers Undergraduate course B.Tech in CSE with an intake of 240 students, AI and ML with an intake of 120 and also Data Science with an intake of 120 students. Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art Computer Center has more than 1000 computers with 100 Mbps internet connectivity. The department has highly qualified and well experienced faculty to offer both class room teaching and practical instructions. The department has established Industry ready training academies such as Google Cloud, CISCO, AWS (Amazon Web Services), Oracle, Robotics Process Automation etc., It has an excellent track record of the placements, More than 80% students are placed in well reputed Multinational Companies. The Department motto is "Step into Learn and Step out to Serve".

RESOURCE PERSONS

Dr. Shaik Abdul Nabi, HOD-CSE
Prof. Vijaya Bhaskara Reddy, CSE
Prof. Padma Joshi, CSE
Prof. K Maduravani, CSE

WHAT IS JAVA?

Java is a high level programming language developed by Sun Microsystems in 1995 and later acquired by Oracle Corporation. Java runs on a variety of Platforms, such as Windows, Mac OS, and all the flavors of UNIX. According to SUN Microsystems Statistics, more than 3 billion devices are using Java.

WHY JAVA?

- ❖ A Secure, Portable and Cross-Platform Language.
- ❖ Implements Object Oriented Programming Paradigm.
- ❖ A Suitable Language to Develop High-End Enterprise Applications.
- ❖ Widely Used in the Development of Android Applications.
- ❖ Well Documented and Popular Language.
- ❖ Supports many number of Libraries with API Designs.

APPLICATIONS OF JAVA

- ❖ Web Development
- ❖ IOT and Cloud Development
- ❖ Desktop GUI Applications
- ❖ Distributed Applications
- ❖ Scientific Applications
- ❖ Mobile Applications etc.,

WHY SHOULD YOU ATTEND?

- ❖ Fully Hands-on and interactive Learning.
- ❖ To gain confidence in writing code.

TOPICS COVERED

- ❖ Significance of Java, Data Types, Operators, Control Statements.
- ❖ Object Oriented Programming Paradigm Constructs: Class, Object, Constructor and Method.
- ❖ Inheritance.
- ❖ Exception Handling Mechanism.
- ❖ Multithreading.
- ❖ Collections Framework Overview.
- ❖ GUI Development.
- ❖ JDBC Introduction.

OBJECTIVE

- ❖ Provide insights into Java Programming to Design & Develop of applications.
- ❖ Helps to crack problems in various Online Coding Platforms.

SALIENT FEATURES

- ❖ 100% Hands-On Training
- ❖ Participant-Centered Learning Material (Softcopy)
- ❖ Regular Programming Exercises & Assignments will be given.
- ❖ Assessment test will be conducted after the workshop.
- ❖ E- Certificate will be provided to the eligible participants (80% of attendance & 60% of marks in the assessment tests)

SUMMARY REPORT ON Two-Week Skill Development Program on “JAVA PROGRAMMING”, Organized by Computer Science and Engineering Department of Sreyas Institute of Engineering and Technology from 10th May 2021 to 22nd May 2021

With a motto of providing insights into Java Programming language to the students, the Department of CSE, SIET scheduled a Skill Development Program titled “JAVA PROGRAMMING” for a couple of weeks (from 10th May 2021 to 22nd May 2021) to enhance the students’ design and coding skills. So that they can handle complex applications with an ease by applying Object Oriented Programming Paradigm Constructs.

The Program was inaugurated by Chief guest & Patron Dr. S. Sai Satyanarayana Reddy, Principal, Professor of CSE. Convener, Dr. Shaik Abdul Nabi, Professor & HOD - CSE , and Coordinator, Dr. S Venkata Achuta Rao Professor of CSE.

The recourse persons for this program:

1. Dr. Shaik Abdul Nabi, Professor & HOD-CSE, SIET
2. Mr. VijayaBhaskaraReddy V, Asst. Professor, Dept of CSE, SIET
3. Mrs. Padma Joshi, Asst. Professor, Dept of CSE, SIET
4. Mrs. K. Madhuravani, Asst. Professor, Dept of CSE, SIET

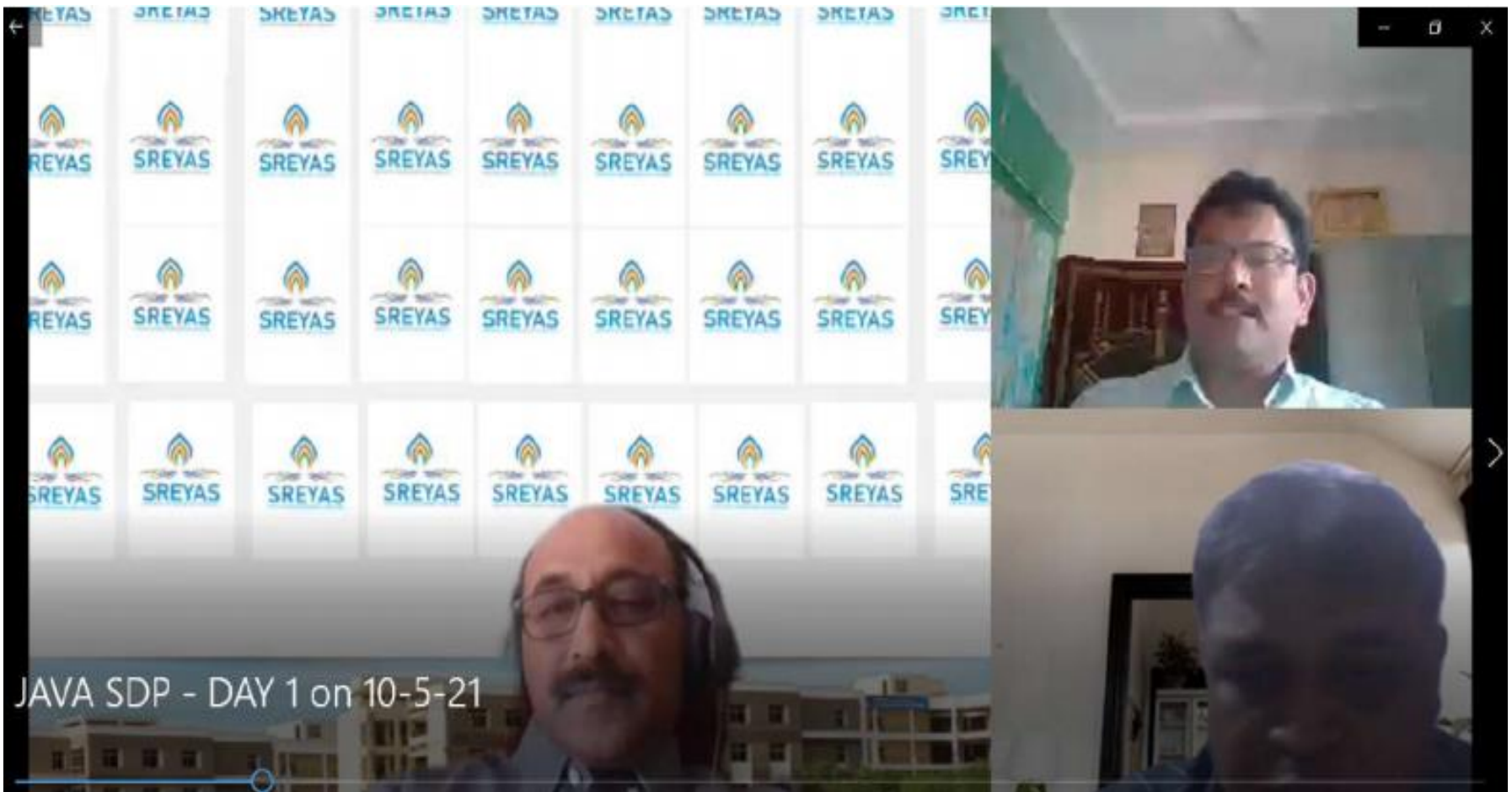
Glimpses of this SDP:

- Every session outcome was designed in Student-Centric Way.
- All sessions went on hands-on practice and in Synchronous Mode.
- Students took up an assessment test for every couple of sessions.
- Students could solve small scaled real time problem statements using java constructs.
- Top 3 performers were rewarded with badges/certificates.
- E-certificates are issued to all the participants.
- Interview-Centric Learning Material And Recorded Video Lectures are shared with all participants.

Dr. Shaik Abdul Nabi has overviewed the concept “Role Of Java In Web Development” and explored concurrent programming through “Multithreading”.

Mr. VijayaBhaskaraReddy.V has Taught the concepts from the basics to “Exception Handling Mechanism” and enrooted students to “JDBC API”.

Mrs. Padma Joshi has delivered a lecture on “Collections framework” and Mrs. K. Madhuravani delivered a session on “GUI Programming”.



JAVA SDP - DAY 1 on 10-5-21



SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Affiliated to JNTU Hyderabad, Approved by AICTE, New Delhi
(Accredited by NAAC)

Certificate of Participation

This is to Certify that Mr./Ms. **D MANASA** bearing Roll Number **19VE1A05K7** has participated in **Two-Week Skill Development Program** on **“JAVA PROGRAMMING”** from **May 10, 2021** to **May 22, 2021** Conducted by Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad-68, Telangana, India.

Dr. S. Venkata Achuta Rao

Coordinator

Professor of CSE

Dr. Shaik Abdul Nabi

Convener

Professor & HOD-CSE

Dr. S. Sai Satyanaraya Reddy

Patron

Principal & Prof. of CSE