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## **Department of Computer Science & Engineering**

## Report on Four Days SDP on "Data Structures with Java"

NAME OF THE DEPARTMENT: Department of Computer Science & Engineering

1. Type of Event : SDP on Data Structures With Java

2. Resource Person : Mr. Nishanth Hipparagi,

Product Manager Webok Solutions

4. Date of the Event :  $28^{th}$  to  $31^{st}$  August 2023

5. Faculty Coordinators: Sunil.A.,

Assistant Professor Department of CSE

RajaRajeswari College of Engineering,

Bengaluru 560074

Rashmi.B.R

Assistant Professor Department of CSE

RajaRajeswari College of Engineering

Bengaluru 560074

M.Supraja.

Assistant Professor Department of CSE

RajaRajeswari College of Engineering

Bengaluru 560074

6. Students attended: 4<sup>th</sup> Semester of Computer Science & Engineering

7. Venue: APJ Abdul Kalam Conference Hall

8. Outcome of the programme:

Students gained information about the following:

a. Gain the knowledge about Java Programming

b. Gain knowledge about Advanced Java Programming

c. Study about Data Structures and Algorithms.

d. Skills development in Writing a programme using Java

e. Practical implementation of Core and Advanced Java Programming concepts.





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### **Department of Computer Science & Engineering**

#### RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Bangalore -74.

Ph. No: 080-28437124, 28437375 Fax: 080-28437373 Department of Computer Science & Engineering

(Accredited by NBA, NAAC)

~INVITATION~

NA AC &







Sri. A.C. Shanmugam

(Chairman, RR Group of Institutions)

Sri. A.C. S. Arunkumar

(Vice Chairman, RR Group of Institutions)

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(Executive Director, RR Group of Institutions)

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(Special Officer, RR Group of Institutions)

**CO-Patrons:** 

Dr. A.K.Mariappan,

(Rector, RR Group of Institutions)

Dr. R. Balakrishna

(Principal, RRCE)

Organizing Secretary:

Dr. Usha S

(Prof. & HOD-CSE)

SDP Coordinators:

Sunil A, Asst. Prof, Dept of CSE Rashmi B R, Asst. Prof, Dept of CSE Supraja M, Asst. Prof, Dept of CSE Invitation for Four Days

Student Development Program

"Data Structures with Java"

(28/08/2023)

Venue: APJ ABDUL KALAM HALL

Time: 09:00 AM





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### **Department of Computer Science & Engineering**

## **About the Speaker**

### NISHANT HIPPARAGI

## **Speaker Description**

- He was done his B.E in Visvesvaraya Technological University
- Working as Education Consultant &Student Mentor in BLDEA's College of Engineering from 2019 to Present.
- Working as Product Manager in Webok Solutions from 2019- Present
- Worked as a Project Manager in Wipro From 2021to 2022
- Worked as Program Analyst Trainee in Cognizant Technology Solutions from 2020 to 2021.
- Trained Students in Aptitude, problem solving and DSA
- 4 Years industry experience
- Work history back ground:
- As a program analyst Trainee, He used to take Java full stack development, Web design and database design and developed a vehicle management system.

Speaker Name: NISHANT HIPPARAGI

**Speaker Qualification**: BE

**Designation:** Product Manager, Webok Solutions

Work Experience: 4 years







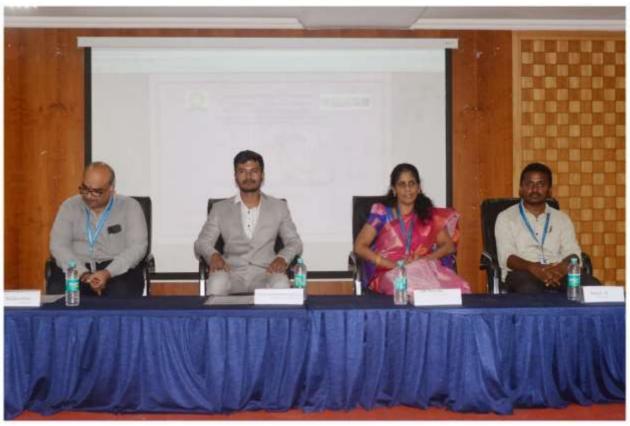
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### **Department of Computer Science & Engineering**

### **Geotagged Photos of the SDP**

### Guests are on the dais











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### **Department of Computer Science & Engineering**

**Students Attending SDP** 











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Students Group Photo









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### **Department of Computer Science & Engineering**

#### **Observation report of the students**

Mr. Rohith A T(1RR21CS129) and Mr. Bharadwaj M (1RR21CS023)

- Learn various data types and OOP concepts in Java
- ➤ Use of String functions like spilt(), char At(), to Upper() and other functions
- Making use of ASCII codes as an alternative to String functions
- ➤ Use of various data structures like Hash Map, Collections
- Making use of Serializations and Deserializations to understand byte code
- ➤ Learning to implement web development by using Tom Cat server
- Using Frames for Application development
- Learning of basics of SQL and how to write a query for a database
- Making use of OOP to solve real world problems

#### **Conclusion:**

Students Development program can help the students understand to learn various data types and OOP concepts in Java.

It can also provide students with practical knowledge to implement programming constructs..

This can help students to make use of Serializations and Deserializations to understand byte code.

The best thing you can do for yourself is to take it easy-Graduation is just another stepping stone in life. By graduating you have accomplished a lot more than many others managed to achieve by the time they were your age.

Take your time and explore your options- there is an endless plenty of possibilities in front of you when it comes to career development.



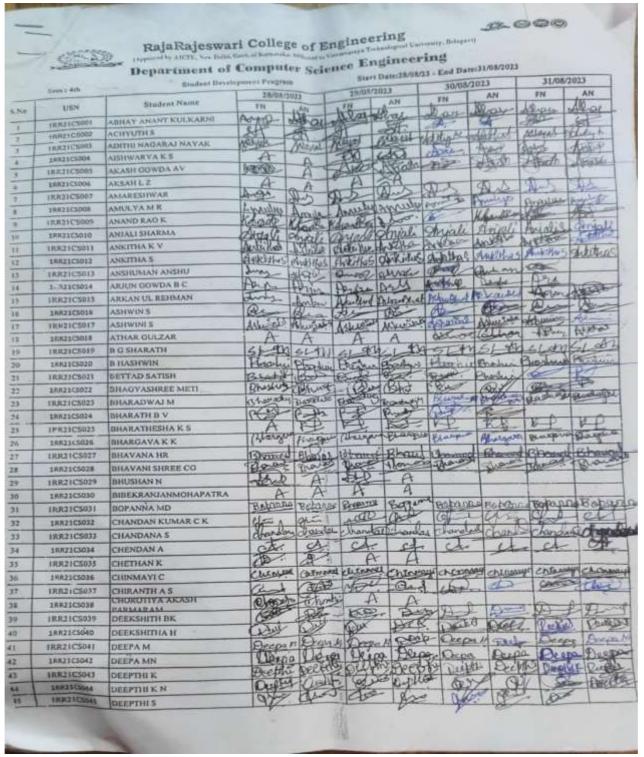




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#### Attendance









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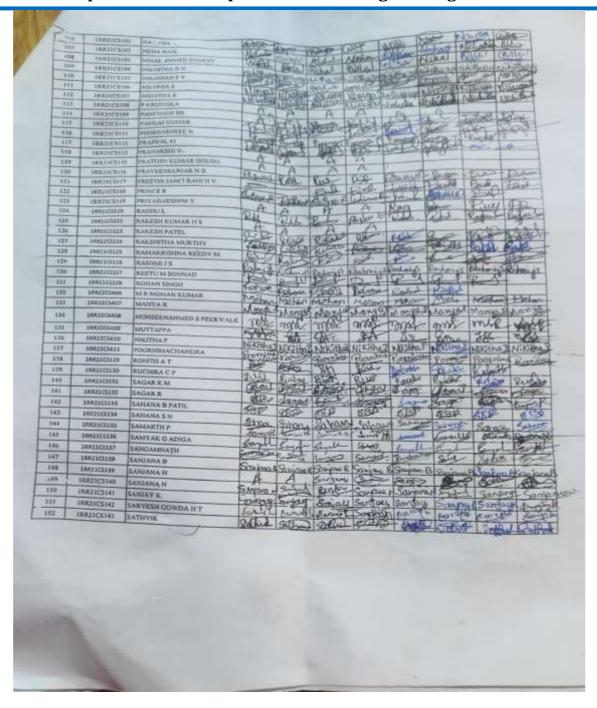






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