



## 5.1 Student Support

| Sl. No | Description  |
|--------|--|
| 5.1.2  | Capacity building and skills enhancement initiatives taken by the institution include the following<br>1. Soft skills<br>2. Language and communication skills<br>3. Life skills (Yoga, physical fitness, health and hygiene, self employment and entrepreneurial skills)<br>4. Awareness of trends in technology |

### SUMMARY SHEET

| Sl. No | Year    | No of Activities conducted in Soft skills | No of Activities conducted in Language and communication skill | No of Activities conducted in Life skills | No of Activities conducted in Awareness of trends in technology | Total no. of Activities |
|--------|---------|---|--|---|---|-------------------------|
| 1      | 2019-20 | 01  | 01   | 01  | 01  | 04                      |



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Ref. No: CEC/IQAC/C5.1.2/ACY2019-20/OR/01

**Date: 11-09-2019**

### **Circular**

We wish to inform you that “**Coding in JAVA**” one day workshop is organized on 13/09/2019 at 10:00AM onwards in City Engineering College Seminar Hall.

All are cordially invited.

**Principal**



## **A Report on “Coding in JAVA”**

**Date: 13-09-2019**

### **INTRODUCTION:**

Java is a widely-used, versatile programming language known for its portability across platforms, object-oriented approach, and robustness. Developed by Sun Microsystems in 1995, Java's "write once, run anywhere" capability allows programs to run on any device with a Java Virtual Machine (JVM). This feature makes Java ideal for developing a wide range of applications, from mobile apps and web servers to enterprise systems and scientific computing. With its rich API, strong community support, and extensive libraries, Java enables developers to build reliable, high-performance software solutions efficiently.

### **METHODOLOGY:**

Java coding methodology emphasizes structured and maintainable software development through a series of best practices and principles. It begins with clear requirements analysis and design, where the problem domain is understood and translated into a blueprint. The coding phase follows, focusing on modular design using Java's object-oriented features such as encapsulation, inheritance, and polymorphism to create reusable and flexible code. Adherence to coding standards and naming conventions ensures readability and consistency. During implementation, rigorous testing—including unit testing with frameworks like JUnit—is crucial to verify that each component functions correctly. Documentation is maintained throughout to support future maintenance and scalability. Finally, code review and iterative refinement are integral to identifying potential issues and improving the overall quality of the software. This methodology fosters robust, efficient, and scalable Java applications, aligning with best practices and industry standards.

### **OBJECTIVE:**

The primary objective of Java coding is to develop robust, efficient, and maintainable software applications that can run seamlessly across various platforms. Java's design aims to provide a versatile environment where code is written once and executed anywhere, thanks to the Java Virtual Machine (JVM). This cross-platform capability is complemented by a strong emphasis on object-oriented principles, which facilitate modularity, code reuse, and scalability.



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Java coding also focuses on producing high-performance applications through efficient memory management and optimization techniques. Additionally, Java's rich standard library and extensive ecosystem support a wide range of functionalities, from user interfaces to networking and data processing. The ultimate goal is to create reliable software solutions that meet user needs, adapt to evolving requirements, and maintain a high standard of quality throughout the software development lifecycle.

### **OUTCOME:**

The outcome of Java coding is the creation of robust, scalable, and platform-independent software solutions that effectively address user requirements and business needs. Java's architecture ensures that applications are portable and can run on any device or operating system with a compatible Java Virtual Machine (JVM), which promotes wide accessibility. Through its object-oriented programming paradigm, Java coding results in well-structured and maintainable code, making it easier to update and expand software over time. Additionally, Java's rich set of libraries and frameworks enhances productivity by providing ready-made solutions for common programming tasks. The rigorous approach to error handling, testing, and debugging in Java coding ensures that the final product is reliable and performs efficiently. Overall, the outcome of Java coding is a high-quality, versatile application that meets performance expectations, provides a seamless user experience, and supports future growth and modifications.



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Approved by AICTE New Delhi & Affiliated by VTU, Belagavi  
Accredited by NAAC with B+ Grade  
Doddakallasandra, Off Kanakapura Main Road  
Next to Gokulam Apartment, Bangalore - 560 062.

Presents  
A Workshop On

**CODING IN JAVA**



**RESOURCE PERSON**

T.V. Saranya

Seminar Hall

13-09-2019  
10 AM Onwards

**ALL ARE CORDIALLY INVITED**

Dr. Ramamurthy  
Principal



FIG 1: Resource Person explaining about the JAVA



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FIG 2: Participation of students in workshop “Coding in JAVA”

*Ramesh Babu*

Principal



Student Attendance List for "Coding in JAVA" 2019-20

| Sl.No | USN        | NAME                   | Signature |
|-------|------------|------------------------|-----------|
| 1     | ICE16CS003 | ABHISHEK P. V          |           |
| 2     | ICE16CS006 | ALLAM NAGENDRA PRASAD  |           |
| 3     | ICE16CS025 | CHEZHAN B G            |           |
| 4     | ICE16CS051 | MANOHAR D              |           |
| 5     | ICE16CS056 | MUJEER AHMED           |           |
| 6     | ICE16CS081 | ROOPITHA K             |           |
| 7     | ICE17CS003 | ABHISHEK S             |           |
| 8     | ICE17CS004 | ADITYA PRASAD          |           |
| 9     | ICE17CS005 | AISHWARYA B R          |           |
| 10    | ICE17CS006 | AISHWARYA S            |           |
| 11    | ICE17CS007 | AKANKSH GOWRI          |           |
| 12    | ICE17CS008 | AKSHAY AMRUT MORAB     |           |
| 13    | ICE17CS009 | ANANDESHWAR. C SHETTAR |           |
| 14    | ICE17CS013 | ANUSHA                 |           |
| 15    | ICE17CS014 | ANUSHA HIREMATH        |           |
| 16    | ICE17CS015 | ANUSHREE K R           |           |
| 17    | ICE17CS016 | APEKSHA BHARADWAJ .H   |           |
| 18    | ICE17CS018 | ARVIND KUMAR G         |           |
| 19    | ICE17CS022 | BHAVANA K              |           |
| 20    | ICE17CS023 | BHAVYA AGGARWAL        |           |
| 21    | ICE17CS024 | BHUVANESHWARI M        |           |
| 22    | ICE17CS029 | DEEKSHA R              |           |
| 23    | ICE17CS032 | DIKSHITA JAIN          |           |
| 24    | ICE17CS033 | EERANNA T              |           |
| 25    | ICE17CS035 | GAYATHRI B             |           |
| 26    | ICE17CS036 | GAYATHRI B M           |           |
| 27    | ICE17CS037 | GEETHA S               |           |
| 28    | ICE17CS038 | H PAWAN KUMAR          |           |
| 29    | ICE17CS041 | HARSHITHA L            |           |
| 30    | ICE17CS042 | HITHA .S               |           |
| 31    | ICE17CS044 | JAHNAVI B              |           |
| 32    | ICE17CS045 | JASIR AHMAD            |           |
| 33    | ICE17CS046 | K MALLIKARJUN          |           |
| 34    | ICE17CS047 | K PAVITHRA             |           |
| 35    | ICE17CS048 | KALPANA GJ             |           |
| 36    | ICE17CS049 | KAVANA D               |           |
| 37    | ICE17CS050 | KAVYASHREE S B         |           |
| 38    | ICE17CS052 | KRUPA D                |           |
| 39    | ICE17CS053 | LATHA L                |           |
| 40    | ICE17CS054 | MADAN THARU            |           |
| 41    | ICE17CS057 | MANOJ KUMAR T          |           |
| 42    | ICE17CS058 | MANORANJINI            |           |
| 43    | ICE17CS059 | MEGHANA G              |           |
| 44    | ICE17CS062 | MOHAMMED ALI BAIG      |           |
| 45    | ICE17CS063 | MOHAMMED FAIZAL        |           |
| 46    | ICE17CS064 | MOHAMMED SHAHID ULLA   |           |
| 47    | ICE17CS065 | MOHAMMED TAUSIF PASHA  |           |
| 48    | ICE17CS066 | MONIKA R               |           |

|     |            |                            |                |
|-----|------------|----------------------------|----------------|
| 49  | ICE17CS067 | MUAZ MERAZ                 | MUAZ MERAZ     |
| 50  | ICE17CS068 | MUJTABA NAYAZ              | MUJTABA        |
| 51  | ICE17CS070 | MUSKAN K                   | Muskan K       |
| 52  | ICE17CS074 | NISCHAL KOTHARI M          | Nischal        |
| 53  | ICE17CS075 | NITHESH S                  | Nithesh        |
| 54  | ICE17CS076 | PALLAVI K R                | Pallavi        |
| 55  | ICE17CS077 | PALLAVI M C                | Pallavi        |
| 56  | ICE17CS078 | PALLAVI R                  | Pallavi        |
| 57  | ICE17CS079 | PARVATHI N K               | Parvathi       |
| 58  | ICE17CS080 | PAVAN KUMAR S              | Pavan Kumar S  |
| 59  | ICE17CS081 | PAVAN V                    | Pavan          |
| 60  | ICE17CS083 | POLICE PATEL SAINATH REDDY | Police         |
| 61  | ICE17CS084 | POOJA K                    | Pooja K        |
| 62  | ICE17CS085 | POOJASHREE A               | Poojashree     |
| 63  | ICE17CS086 | PRAJWAL V                  | Prajwal V      |
| 64  | ICE17CS087 | PRASHANTH H K              | Prashanth      |
| 65  | ICE17CS089 | PRERANA P                  | Prerana        |
| 66  | ICE17CS090 | PRERANA PRASAD             | Prerana        |
| 67  | ICE17CS091 | PRIYA G                    | Priya          |
| 68  | ICE17CS092 | PRIYANKA S MARELLAVAR      | Priyanka       |
| 69  | ICE17CS093 | RAHUL KARMAKAR             | Rahul          |
| 70  | ICE17CS094 | RAJAT DEEP SINGH           | Rajat          |
| 71  | ICE17CS095 | RASHMIKA C P               | Rashmi         |
| 72  | ICE17CS097 | ROOPA M                    | Roopa          |
| 73  | ICE17CS098 | S BHAVYA SRI               | Shavya         |
| 74  | ICE17CS101 | SAGAR M                    | Sagar          |
| 75  | ICE17CS103 | SAHANA N                   | Sahana         |
| 76  | ICE17CS104 | SAHANA S V                 | Sahana         |
| 77  | ICE17CS105 | SAI NITHIN G               | Sai Nithin     |
| 78  | ICE17CS106 | SANDHYA P                  | Sandhya        |
| 79  | ICE17CS107 | SANEETH BANIK              | Saneeth        |
| 80  | ICE17CS108 | SANGEETHA N                | Sangeetha N    |
| 81  | ICE17CS109 | SANJANA R                  | Sanjana        |
| 82  | ICE17CS111 | SHALINI G                  | Shalini        |
| 83  | ICE17CS112 | SHANMUGA PRIYA G           | Shanmuga       |
| 84  | ICE17CS113 | SHANTHA KUMARI M V         | Shantha Kumari |
| 85  | ICE17CS114 | SHASHIDHARA S              | Shashidhar     |
| 86  | ICE17CS115 | SHAZIYA KOUSAR             | Shaziya        |
| 87  | ICE17CS118 | SHRAVANI J                 | Shravani       |
| 88  | ICE17CS119 | SHREYAS R GOWDA            | Shreyas        |
| 89  | ICE17CS120 | SHUBHAM KUMAR              | Shubham        |
| 90  | ICE17CS122 | SIMRAN BANU A              | Simran         |
| 91  | ICE17CS123 | SINCHANA B G               | Sinchana       |
| 92  | ICE17CS124 | SINDHU P PAI               | Sindhu         |
| 93  | ICE17CS126 | SOUNDARYA RAJ G            | Soundarya      |
| 94  | ICE17CS127 | SRIDHAR D N                | Sridhar        |
| 95  | ICE17CS128 | SRILAKSHMI B A             | Srilakshmi     |
| 96  | ICE17CS129 | SUMAIYA ARA KHANUM         | Sumaiya        |
| 97  | ICE17CS130 | SUMIT SAURAV               | Sumit          |
| 98  | ICE17CS132 | SWATHI P                   | Swathi         |
| 99  | ICE17CS133 | SYED HASNAIN RAZA          | Syed Hasnain   |
| 100 | ICE17CS134 | TARIQ MOHAMMED SARFARAZ    | Tariq          |
| 101 | ICE17CS136 | THANUSHREE B M             | Thanushree     |
| 102 | ICE17CS137 | THEJAS MURTHY R            | Thejas         |
| 103 | ICE17CS138 | THEJESHWARI S              | Thejeshwari    |



|     |            |                     |                  |
|-----|------------|---------------------|------------------|
| 104 | 1CE17CS139 | UMAA MAHESHWARI S V | <i>Umaa</i>      |
| 105 | 1CE17CS141 | VANDANA M           | <i>Vandana</i>   |
| 106 | 1CE17CS143 | VIDHYADHAR JOSHI    | <i>Vandana</i>   |
| 107 | 1CE17CS144 | VINDYA SHREE P      | <i>Vindya</i>    |
| 108 | 1CE17CS145 | VINUTHA D B         | <i>Vinutha</i>   |
| 109 | 1CE17CS146 | VISHAL KUMAR        | <i>Vishal</i>    |
| 110 | 1CE17CS150 | ZAIBA BEGUM         | <i>Zaiba</i>     |
| 111 | 1CE17CS152 | VASAVI D S          | <i>Vasavi</i>    |
| 112 | 1CE15CS069 | MAHARUDRA           | <i>Maharudra</i> |
| 113 | 1CE15CS093 | PANCHAMI B          | <i>Panchami</i>  |
| 114 | 1CE15CS113 | ROOPA SHREE R V     | <i>Roopa</i>     |
| 115 | 1CE16CS024 | CHETHAN B G         | <i>Chethan</i>   |
| 116 | 1CE16CS041 | KARTHIK KUMAR P     | <i>Karthik</i>   |
| 117 | 1CE16CS052 | MOHAMMED BURHAAN    | <i>Mohammed</i>  |
| 118 | 1CE16CS074 | RAKSHITHA B         | <i>Rakshitha</i> |
| 119 | 1CE16CS079 | REEMA R KHARVI      | <i>Reema</i>     |
| 120 | 1CE16CS097 | SURESH              | <i>Suresh</i>    |

*Rameshwar*

Principal