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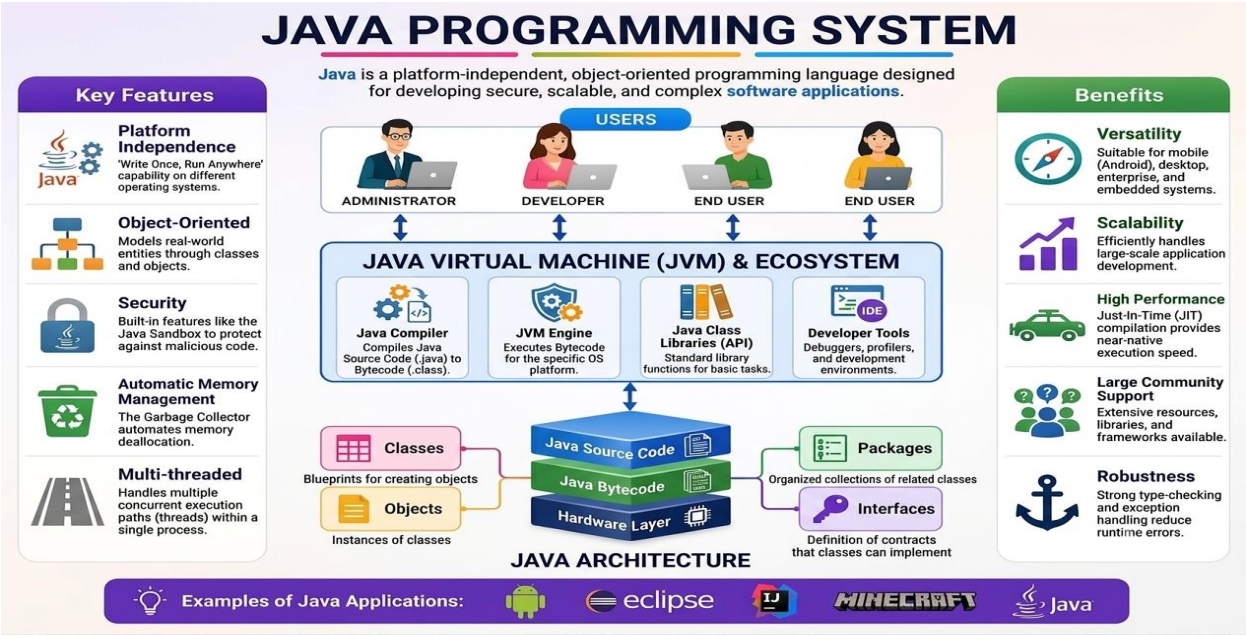
Department of Computer Science and Engineering

Faculty Readiness Program Report on Java Programming

About the Program

The Faculty Readiness Program (FRP) on Java Programming is designed to equip faculty members with comprehensive knowledge of Java programming concepts, object-oriented programming principles, GUI development, exception handling, multithreading, collections, database connectivity, and modern Java application development practices.



This intensive hands-on program enables faculty to strengthen programming pedagogy, guide student projects effectively, integrate industry-oriented coding practices into academics, and enhance practical learning methodologies aligned with modern software development standards.

A comprehensive faculty training program focused on real-time Java application development through practical coding sessions, problem-solving approaches, GUI development, database integration, and mini project implementation.

Objectives of the FRP

- To provide strong foundations in Java programming concepts
- To enhance understanding of Object-Oriented Programming principles
- To develop hands-on skills in GUI and event-driven programming
- To introduce advanced Java concepts including multithreading and collections
- To enable faculty to work with database connectivity using JDBC
- To strengthen practical teaching methodologies and lab implementation
- To bridge the gap between academic curriculum and industry requirements

Program Highlights & Laboratory Syllabus

Feature	Description
Core Java Training	Strong architectural foundations of Java programming and JVM internals.
OOP Concepts	Real-time structural implementation of robust OOP principles.
GUI Development	Event-driven application programming utilizing Java Swing.
Database Connectivity	Enterprise-grade JDBC integration workflows with MySQL.
Industry-Oriented Labs	Advanced hands-on coding, profiling, and practical debugging sessions.
Mini Project Execution	End-to-end Java application development matching production standards.
Problem Solving	Cultivation of high-level logical, analytical, and computational skills.

The following laboratory framework is strictly aligned with the **NR25 Java Theory & Laboratory Syllabus** to ensure uniform academic delivery across all sections.

TASK 1

Write java programs that implement the following

a. Class and object

b. Constructor

c. Parameterized constructor

d. Method overloading

e. Constructor overloading.

TASK 2

a) Write a Java program that checks whether a given string is a palindrome or not. Ex:

MADAM is a palindrome.

b) Write a Java program for sorting a given list of names in ascending order.

c) Write a Java Program that reads a line of integers, and then displays each integer and the sum of all the integers (Use StringTokenizer class of java.util)

TASK 3

Write java programs that uses the following keywords

a) this b) super c) static d) final

TASK 4

a) Write a java program to implement method overriding

b) Write a java program to implement dynamic method dispatch.

c) Write a Java program to implement multiple inheritance.

d) Write a java program that uses access specifiers.

TASK 5

a) Write a Java program that reads a file name from the user, then displays information about whether the file exists, whether the file is readable, whether the file is writable, the type of file and the length of the file in bytes.

b) Write a Java program that reads a file and displays the file on the screen, with a line number before each line.

c) Write a Java program that displays the number of characters, lines and words in a text file

TASK 6

a) Write a Java program for handling Checked Exceptions.

b) Write a Java program for handling Unchecked Exceptions.

TASK 7

a) Write a Java program that creates three threads. First thread displays “Good Morning”every one second, the second thread displays “Hello” every two seconds and the thirdthread displays “Welcome” every three seconds.

b) Write a Java program that correctly implements producer consumer problem using the concept of interthread communication.

TASK 8

Write a program illustrating following collections framework

a) ArrayList b) Vector c) Hash Table d) Stack

TASK 9

a) Develop an applet that displays a simple message.

b) Develop an applet that receives an integer in one text field and compute its factorial value and return it in another text field, when the button named “Compute” is clicked.

c) Write a Java program that works as a simple calculator. Use a grid layout to arrange button for the digitsand for the +, -,*, % operations. Add a text field to display the result.

TASK 10

a) Write a Java program for handling mouse events.

b) Write a Java program for handling key events.

TASK 11

a) Write a program that creates a user interface to perform integer divisions. The user enters two numbers in the text fields Num1 and Num 2.

b) The division of Num1 and Num2 is displayed in the Result field when the Divide button is clicked. If Num1or Num2 were not an integer, the program would

throw NumberFormat Exception. If Num2 were Zero, the program would throw an ArithmeticException and display the exception in a message dialog box.

TASK 12

a) Write a java program that simulates traffic light. The program lets the user select one of

three lights: red, yellow or green. When a radio button is selected, the light is turned on,

and only one light can be on at a time. No light is on when the program starts.

b) Write a Java program that allows the user to draw lines, rectangles and ovals.

c) Create a table in Table.txt file such that the first line in the file is the header, and the

remaining lines correspond to rows in the table. The elements are separated by commas.

Write a java program to display the table using JTable component.

Day-wise Schedule

FACULTY READINESS PROGRAM (FRP)

on

JAVA PROGRAMMING

ONE WEEK – FRP SCHEDULE

DATES
1st June 2026 – 6th June 2026

TIMINGS
9:30 AM – 4:00 PM (Each Day)

VENUE
IT Park Room 303

RESOURCE PERSON
Dr. K. Anuradha
Senior Professor

DAY / DATE	TOPIC & FOCUS	KEY TAKEAWAYS	TIMINGS	VENUE
Day 1 1st June 2026 (Monday)	Introduction to Java Programming (Basics & Fundamentals)	• Introduction to OOP • Java Features / Buzzwords • Identifiers • Keywords • Data types • Variables • Literals	9:30 AM – 4:00 PM	IT Park Room 303
Day 2 2nd June 2026 (Tuesday)	Operators & Control Flow, Classes & Objects, Constructors	• Operators, Control Statements, loops. • Classes and Objects • Classes, Objects, Methods • Constructors • Constructors & types of Constructors • static keyword	9:30 AM – 4:00 PM	IT Park Room 303
Day 3 3rd June 2026 (Wednesday)	this, Arrays, Command Line Arguments, Inheritance	• this keyword • Arrays • Command line arguments • Types of Inheritance • Deriving classes using extends keyword • super & final keywords	9:30 AM – 4:00 PM	IT Park Room 303
Day 4 4th June 2026 (Thursday)	Polymorphism, Abstract Classes & Interfaces	• Polymorphism • Method overloading • Constructor overloading • Method overriding • Type Casting • Introduction to abstract classes & interfaces • Extending interfaces	9:30 AM – 4:00 PM	IT Park Room 303
Day 5 5th June 2026 (Friday)	Packages, Exceptions	• Creating & importing packages • Access protection • Introduction to Exceptions • Exception handling techniques (try...catch, throw, throws, finally, block) • User-defined Exceptions	9:30 AM – 4:00 PM	IT Park Room 303
Day 6 6th June 2026 (Saturday)	Multithreading (Advanced)	• java.lang.Thread • Main thread • Creation of new threads • Thread priority • Using isAlive() and join() • Synchronization • Communication between threads	9:30 AM – 4:00 PM	IT Park Room 303

RECOMMENDED RESOURCE KIT DELIVERABLES

SYLLABUS MAPPING MATRIX
Connect every topic to specific textbook chapters (e.g., Core Java by Cay S. Horstmann).

READY-TO-USE CODE TEMPLATES
Pre-built Java programs for all key concepts and lab exercises.

VISUALIZATION TOOLS
UML diagrams, flowcharts, and interactive tools to enhance concept clarity and engagement.

TEACHING SUPPORT MATERIALS
Slide decks, lab manuals, assignments, rubrics, MCQs, and best practices for effective teaching.

OUR GOAL : Empower Faculty, Enhance Teaching, Inspire Learning.
Together, Let's Build Strong Foundations in Java Programming!

Day-Wise Report

Day 1 – Introduction to OOP & Java Basics

Topics Covered

- Intro & Need for OOP: Why we moved from old programming (like C) to safe, object-based coding.
- Applications of OOP: Where it is used in real life (large software systems, banking, etc.).
- History of Java: How Java started and grew into a global language.
- Java Virtual Machine (JVM): How Java runs on any computer ("Write Once, Run Anywhere").
- Java Features (Buzzwords): Key traits like Simple, Secure, Robust, and Object-Oriented.
- Java Coding Tokens: The basic building blocks: Identifiers, Keywords, Data Types, Variables, and Literals.

Session Summary

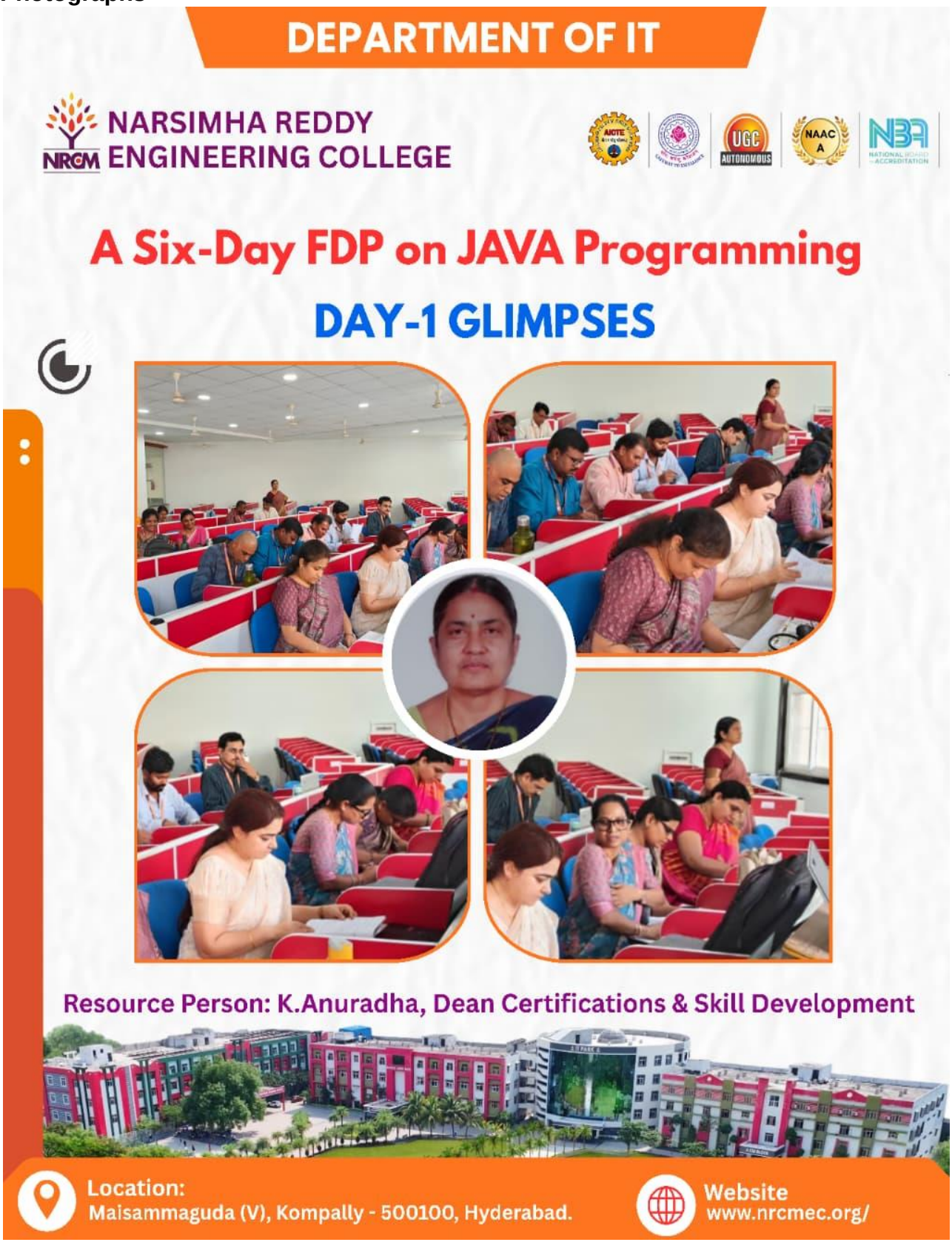
The program commenced with a welcome address outlining the core training objectives. The resource person introduced the paradigm shift from procedural programming to object-oriented structures, emphasizing real-world scalability and security enhancements. Participants actively explored Java's core buzzwords and the precise execution mechanics of the Java Virtual Machine (JVM) enabling platform independence.

The afternoon session transitioned into hands-on laboratory practice, focusing on environment setup, working with professional IDEs, and implementing fundamental language tokens, primitive data types, and operators.

Outcomes

- Understanding of Java fundamentals and the need for Object-Oriented Programming (OOP).
- Ability to differentiate between procedural programming and object-oriented systems.
- Knowledge of JVM architecture, bytecodes, and platform independence.
- Ability to correctly declare and use language tokens, keywords, variables, and data types.

Photographs



Feedback

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FEEDBACK
DAY-1: FRP ON JAVA by Dr. K Anuradha

S.No	Name of the Faculty	Department	Designation	Attended FRP for the Course	Rate the following aspects of the session					Learning Outcomes: Please indicate your level of agreement with the following statements			What aspects of today's session did you find most useful?	What topics would you like to be covered in more detail?	Suggestions for improving future sessions:	Overall Rating of Day 1 Session
					Relevance of the topic to your teaching needs	Clarity of presentation by the resource person	Practical examples and sample programs	Interaction and response to queries	Overall effectiveness of the session	I understood the concepts covered today	The session met my expectations	The knowledge gained will help improve my teaching effectiveness				
1	Dr Dunga Simhana Devi	ME	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Basics	Every Topic explained is excellent	No	5
2	Dr.A.Sreedevi	FME	Associate Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Agree	Basics of JAVA	Programming and execution	Practice is required for us	5
3	E Gangaram	CSE	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	class and objects	java editions	no suggestions	5
4	Meruga Naresh	CSE	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Java Basics With explained with real time example	core Java	nothing	5
5	Itikala Nageswara Rao	CSE(CS)	Assistant professor	JAVA: Dr. K Anuradha	Good	Good	Good	Good	Good	Agree	Agree	Agree	Yes	Parts of java class	Yes	4
6	P Surya Ganesh	CSE(AI&ML)	Assistant professor	JAVA: Dr. K Anuradha	Good	Good	Good	Good	Good	Agree	Agree	Agree	Yes it is useful	Methods	Need more examples	4

Day-1 Assessment Report

JAVA FDP – TEST 1 RESULT REPORT

S.no	Faculty Name	MCQ	Coding	Total	Percentage	Grade
1	SRILAKSHMI CHERUKURI	10	19	29	96.67%	A+
2	M.Naga Triveni	10	19	29	96.67%	A+
3	Balagiri Chaitanya	10	19	29	96.67%	A+
4	P.Revathy	10	19	29	96.67%	A+
5	GS Naveen Kumar	10	19	29	96.67%	A+
6	P Surya Ganesh	10	18	28	93.33%	A+
7	ITIKALA NAGESWARA RAO	9	19	28	93.33%	A+
8	M.Rajeswari	10	16	26	86.67%	A
9	Dr.A.Sreedevi	7	18	25	83.33%	A
10	M.monika	10	15	25	83.33%	A
11	Dr Dunga Simhana Devi	10	15	25	83.33%	A
12	Jhansi	8	16	24	80.00%	A
13	Mr Vanthadpula Vishnu	9	14	23	76.67%	A
14	Meruga Naresh	8	14	22	73.33%	B
15	E gangaram	9	13	22	73.33%	B
16	Dr Guguloth Lachiram	10	10	20	66.67%	B
17	V Anuja	0	12	12	40.00%	C
18	Pagadala Chaitanya	10	Absent	10	33.33%	C
19	N Radhamma	9	Absent	9	30.00%	C
20	V SudhaRani	8	Absent	8	26.67%	C

Day 2 – Operators, Calculations, & Control Flow

Topics Covered

- Java Operators: Math, logic, and comparison symbols (Unary, Binary, and Ternary).
- Expressions: How Java decides the order of calculations (Precedence and Associativity).
- Type Conversion & Casting: Changing data from one type to another safely without losing data.
- Flow of Control: * Making Decisions: Using if, if-else, and switch-case.
    - Loops: Repeating actions using for, while, and do-while loops, plus break and continue.

Session Summary

The second day focused on how Java handles math, logic, and decisions. In the morning, teachers learned about different operators and how Java evaluates complex formulas step-by-step to avoid calculation errors.

The afternoon was all about controlling how a program runs. Teachers practiced changing data types (like turning a decimal into a whole number) without breaking the code. Finally, they did a hands-on lab building smart programs using loops and decision blocks to solve tricky coding logic.

Outcomes

- Understanding of Java operators, computational precedence, and expression evaluation.
- Ability to execute primitive type conversions and explicit casting safely without data loss.
- Knowledge of flow control structures, including branching conditional logic and loops.

Photographs :

Day-2 Assessment Report

JAVA FDP – TEST 2 RESULT REPORT

S.No	Faculty Name	MCQ	Coding	Total	Percentage	Grade
1	V SudhaRani	10	20	30	100%	A+
2	M.Rajeswari	10	20	30	100%	A+
3	P.Revathy	10	19	29	96.7%	A+
4	Dr.A.Sreedevi	9	20	29	96.7%	A+
5	P Surya Ganesh	10	19	29	96.7%	A+
6	Balagiri Chaitanya	10	18	28	93.4%	A+
7	Meruga Naresh	10	18	28	93.4%	A+
8	Guguloth Lachiram	10	18	28	93.4%	A+
9	M.NagaTriveni	10	18	28	93.4%	A+
10	GS Naveen Kumar	10	18	28	93.4%	A+
11	Jhansi	10	15	25	83.4%	A
12	Vanthadpula Vishnu	10	16	26	86.7%	A
13	M.Mounika	10	16	26	86.7%	A
14	E gangaram	9	18	27	90%	A+
15	Vadla Anuja	10	14	24	80%	A
16	Dr Dunga Simhana Devi	8	Absent	8	26.7%	C

GRADE SCALE

A+	A	B	C
90% – 100% (Excellent)	75% – 89% (Very Good)	60% – 74% (Good)	Below 60% (Needs Improvement)

Feedback

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FEEDBACK
DAY-2: FRP ON JAVA by Dr. K Anuradha

S.No	Name of the Faculty	Department	Designation	Attended FRP for the Course	Rate the following aspects of the session					Learning Outcomes: Please indicate your level of agreement with the following statements			What aspects of today's session did you find most useful?	What topics would you like to be covered in more detail?	Suggestions for improving future sessions	Overall Rating of Day 2 Session
					Relevance of the topic to your teaching needs	Clarity of presentation by the resource person	Practical examples and sample programs	Interaction and response to queries	Overall effectiveness of the session	I understood the concepts covered today	The session met my expectations	The knowledge gained will help improve my teaching effectiveness				
1	Balagiri Chaitanya	Cyber Security	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Memory Allocation	Wrapper Classes	All good	5
2	Meruga Naresh	CSE	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Method	Class and objects	Nothing	5
3	P Surya Ganesh	CSE (AI&ML)	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Agree	Agree	Agree	Memory allocation	Object creation and reference variables	Good	4
4	Dr Gugulot h Lachira m	IT	Associat e Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Class and object	Member and methods	Nothing	5

Day 3 – Objects, Memory, & Useful Java Keywords

Topics Covered

- **Classes and Objects:** Creating blueprints (Classes) and real examples of them (Objects), and understanding how Java stores them in memory.
- **Constructors:** Special codes used to set up new objects with initial data when they are created.
- **Garbage Collector:** Java's automatic system that cleans up and removes unused objects from memory so the computer doesn't slow down.
- **The static Keyword:** Used to create variables or methods that belong to the whole class, rather than to a single object.
- **The this Keyword:** A shortcut word used inside a class to refer to its own current object.
- **Arrays:** Grouping multiple items of the same type together in a single, ordered list.
- **Command Line Arguments:** Passing extra information into a program right when you click run.
- **Nested Classes:** Putting a small class inside another class to keep things organized.

Session Summary

The third day focused on how Java handles data behind the scenes and keeps its memory clean. In the morning, teachers learned how objects are created and how "Constructors" give them their starting values. The trainer also showed how Java acts like a smart housekeeper using the "Garbage Collector" to automatically sweep away old, unused code from the computer's memory.

In the afternoon, the focus shifted to special shortcuts in Java. Teachers practiced using the static keyword for shared data and the this keyword to avoid naming confusion. They also practiced working with lists of data (Arrays) and concluded by learning how to nest classes inside one another to keep their code neat and professional.

Outcomes

- Understanding of object creation, memory placement (Stack vs. Heap), and method behaviors.
- Ability to initialize object states using overloaded constructors.
- Knowledge of automatic garbage collection and rules for reclaiming unused memory.
- Ability to apply static scopes, this references, arrays, and nested classes effectively.

Photographs :

Feedback

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FEEDBACK

DAY-3: FRP ON JAVA by Dr. K Anuradha

S.No	Name of the Faculty	Department	Designation	Attended FRP for the Course	Rate the following aspects of the session					Learning Outcomes: Please indicate your level of agreement with the following statements			What aspects of today's session did you find most useful?	What topics would you like to be covered in more detail?	Suggestions for improving future sessions:	Overall Rating of Day 2 Session
					Relevance of the topic to your teaching needs	Clarity of presentation by the resource person	Practical examples and sample programs	Interaction and response to queries	Overall effectiveness of the session	I understood the concepts covered today	The session met my expectations	The knowledge gained will help improve my teaching effectiveness				
1	E gangaram	Cse	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Data types	It's enough	No suggestion	5
2	Dr Guguloth Lachiram	IT	Associate Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Variables	Packages	Nothing	5
3	P Surya Ganesh	CSE(AI& ML)	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Yes it is useful	Object class	Good	5
4	GS NAVEEN KUMAR	CSE	Associate Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Agree	Strongly Agree	Constructor	No	More Practical	5
5	Meruga Naresh	CSE	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Variables	Packages	Nothing	5

Day-3 Assessment Report

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JAVA FRP – TEST 3 RESULT REPORT

Congratulations to All Participants!

Java

RESOURCE PERSON

Dr. K Anuradha
Professor, Dean SDC, CSE Dept
NARSIMHA REDDY ENGINEERING COLLEGE

RANK	FACULTY NAME	MCQ (10)	CODING (20)	TOTAL (30)	PERCENTAGE	GRADE
1	Balagiri Chaitanya	10	20	30	100%	A+
2	P.Revathy	10	20	30	100%	A+
3	GS NAVEEN KUMAR	10	20	30	100%	A+
4	V SudhaRani	10	19	29	96.7%	A+
5	Meruga Naresh	10	19	29	96.7%	A+
6	M.NagaTriveni	10	19	29	96.7%	A+
7	M.Rajeswari	9	19	28	93.4%	A+
8	Jhansi	10	18	28	93.4%	A+
9	E gangaram	10	18	28	93.4%	A+
10	Dr Guguloth Lachiram	10	18	28	93.4%	A+
11	Dr.A.Sreedevi	8	19	27	90.0%	A+
12	P Surya Ganesh	10	17	27	90.0%	A+
13	M.mounika	10	17	27	90.0%	A+
14	Dr Dunga Simhana Devi	10	16	26	86.7%	A
15	Mr Vanthadpula Vishnu	8	18	26	86.7%	A
16	VADLA ANUJA	10	14	24	80.0%	A
17	Pagadala chaitanya	8	10	18	60.0%	B
18	Itikala Nageswara Rao	10	A	10	33.4%	C

* Results are arranged in descending order of Total Score.

TOTAL PARTICIPANTS 18

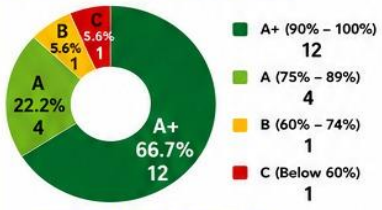
HIGHEST SCORE 30/30

AVERAGE SCORE 24.56/30

AVERAGE PERCENTAGE 81.87%

A+ ACHIEVERS 6 (33.33% of 18)

GRADE DISTRIBUTION



- A+ (90% – 100%) 12
- A (75% – 89%) 4
- B (60% – 74%) 1
- C (Below 60%) 1

TOTAL PARTICIPANTS: 18

TOP PERFORMERS

1	2	3
Balagiri Chaitanya	P.Revathy	GS NAVEEN KUMAR
30/30	30/30	30/30
100%	100%	100%

KEY HIGHLIGHTS

- 3 Participants Scored 100%
- Majority (15 out of 18) secured A+ or A Grade
- Strong Performance in MCQ & Coding
- Consistent Effort Leads to Excellent Results

CONCLUSION

- **Overall Performance:** The JAVA FRP – Test 3 demonstrated excellent performance with most participants securing A+ grades.
- **Key Takeaway:** Participants exhibited strong understanding of Java concepts, problem solving abilities and coding skills.
- **Performance Insight:** 94.44% of participants successfully passed the assessment with an average score of 24.56/30 (81.87%).
- **Best Wishes:** Congratulations to all the participants for their dedication and outstanding performance!

GRADE SCALE

A+	A	B	C
90% – 100% (Excellent)	75% – 89% (Very Good)	60% – 74% (Good)	Below 60% (Needs Improvement)

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Day 4 – Text Handling, Sharing Code, & Dynamic Behaviors

Topics Covered

- **Strings Handling:** Different ways to work with text using String (fixed text), StringBuffer (changeable text), and StringTokenizer (chopping text into pieces).
- **Inheritance:** Passing down features from a parent class to a child class using the extends keyword so you don't have to rewrite code.
- **The super Keyword:** A special word a child class uses to call or talk to its parent class.
- **Polymorphism:** Giving a single action different behaviors. This includes creating methods with the same name but different tasks (Overloading and Overriding).

Session Summary

Day 4 was split between managing text data and building smart relationships between different parts of a program. In the morning, teachers discovered that changing standard text (String) too many times can slow down a computer, and learned to use StringBuffer to handle fast-changing text efficiently.

The afternoon session felt like building a family tree for code. Teachers learned about "Inheritance"—how a new class can instantly inherit work already done by an older class using the extends keyword. Finally, they explored "Polymorphism," learning how a single command can behave differently depending on how or where it is called, making programs highly flexible.

Outcomes

- Understanding of string manipulation differences using String, StringBuffer, and StringTokenizer.
- Ability to extend classes and establish clean hierarchy trees using inheritance.
- Knowledge of the super keyword to resolve parent-class references and constructor paths.
- Ability to achieve compile-time and runtime flexibility using polymorphic overloading and overriding.

Photographs

Day-4 Assessment Report

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JAVA FRP – TEST 4 RESULT REPORT

Java

★ *Congratulations to All Participants!*

RESOURCE PERSON

Dr. K Anuradha
Professor, Dean SDC, CSE Dept
NARSIMHA REDDY ENGINEERING COLLEGE

RANK	FACULTY NAME	MCQ (10)	CODING (20)	TOTAL (30)	PERCENTAGE	GRADE
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2	V SudhaRani	10	20	30	100%	A+
3	Jhansi	10	20	30	100%	A+
4	P.Revathy	10	20	30	100%	A+
5	Dr Guguloth Lachiram	10	20	30	100%	A+
6	Balajiri Chaitanya	10	20	30	100%	A+
7	Dr.A.Sreedevi	9	20	29	96.7%	A+
8	M.Rajeswari	10	19	29	96.7%	A+
9	VADLA ANUJA	9	20	29	96.7%	A+
10	Mr Vanthadpula Vishnu	10	19	29	96.7%	A+
11	P Surya Ganesh	10	18	28	93.4%	A+
12	Meruga Naresh	10	18	28	93.4%	A+
13	Dr Dunga Simhana Devi	9	18	27	90.0%	A+
14	M.mounika	9	18	27	90.0%	A+
15	M.NagaTriveni	10	17	27	90.0%	A+
16	Pagadala Chaitanya	9	18	27	90.0%	A+
17	E Gangaram	10	16	26	86.7%	A
18	Sailaja	9	A	9	30.0%	C
19	Itikala Nageswara Rao	9	A	9	30.0%	C

* Results are arranged in descending order of Total Score.

TOTAL PARTICIPANTS 19

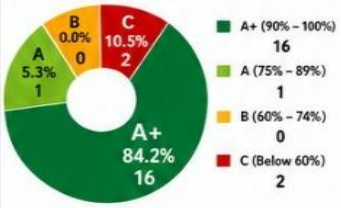
HIGHEST SCORE 30/30

AVERAGE SCORE 26.53/30

AVERAGE PERCENTAGE 88.42%

A+ ACHIEVERS 16 (84.21% of 19)

GRADE DISTRIBUTION



TOTAL PARTICIPANTS: 19

TOP PERFORMERS

1	2	3
GS NAVEEN KUMAR	V SudhaRani	Jhansi
30/30	30/30	30/30
100%	100%	100%

(Three representatives selected from six participants who secured full marks.)

KEY HIGHLIGHTS

- 6 Participants scored 100% (30/30)
- 17 out of 19 participants secured A+ or A Grade
- Excellent performance in both MCQ and Coding sections
- 84.21% participants achieved A+ Grade

CONCLUSION

- **Overall Performance:** JAVA FRP – Test 4 demonstrated outstanding performance with a very high success rate.
- **Key Takeaway:** Most participants exhibited strong understanding of Java concepts, problem-solving skills, and coding proficiency.
- **Performance Insight:** The batch achieved an average score of 26.53/30 (88.42%), reflecting excellent overall learning outcomes.
- **Best Wishes:** Congratulations to all participants for their dedication and remarkable performance.

GRADE SCALE

A+	A	B	C
90% – 100% Excellent	75% – 89% Very Good	60% – 74% Good	Below 60% Needs Improvement

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Feedback:

FEEDBACK
DAY-4: FRP ON JAVA by Dr. K Anuradha

S.No	Name of the Faculty	Department	Designation	Attended FRP for the Course	Rate the following aspects of the session					Learning Outcomes: Please indicate your level of agreement with the following statements			What aspects of today's session did you find most useful?	What topics would you like to be covered in more detail?	Suggestions for improving future sessions	Overall Rating of Day 2 Session
					Relevance of the topic to your teaching needs	Clarity of presentation by the resource person	Practical examples and sample programs	Interaction and response to queries	Overall effectiveness of the session	I understood the concepts covered today	The session met my expectations	The knowledge gained will help improve my teaching effectiveness				
1	Dr Dunga Simhana Devi	ME	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	All sessions	Every topic is excellent	Nothing	5
2	Balagiri Chaitanya	Narsimha Reddy Engineering college	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Method Overloading, wrapper class, buffer reader, Inheritance	Interfaces	All good	5
3	M.NagaTriveni	IT	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Polymorphism	All topics are well explained	Nothing	5
4	P Surya Ganesh	CSE (AI&ML)	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	BufferReader,method overloading	BufferReader	Good	5

Day 5 – Rules, Code Folders, & Managing Errors

Topics Covered

- **Interfaces:** A strict list of rules or "contracts" that a class promises to follow.
- **Interfaces vs. Abstract Classes:** Comparing a total list of rules (Interface) with a partial blueprint (Abstract Class).
- **Packages & Access Control:** Organizing code files into neat folders (Packages) and using words like public or private to lock or unlock parts of the code.
- **Core Java Folders:** Exploring pre-made Java tools for files (java.io) and utilities (java.util).
- **Exceptions:** Handling unexpected runtime accidents or crashes (like dividing by zero or missing a file).
- **Fixing Errors:** Using safety nets like try-catch blocks to handle errors gracefully, and creating custom error alerts.

Session Summary

The fifth day focused on organizing large projects and keeping programs safe from unexpected crashes. The morning started with "Interfaces," which act like agreements ensuring different parts of a software team's code fit together perfectly. Teachers also practiced sorting their code files into organized folders called "Packages" and using security settings to decide who can see what.

The afternoon was all about building safety nets. The trainer explained that good software shouldn't instantly crash when something goes wrong. Teachers learned how to wrap risky code inside a try-catch safety block, ensuring that if an error happens, the program can show a friendly message and keep running smoothly.

Outcomes

- Understanding of interfaces as decoupling contracts versus abstract classes.
- Ability to create, import, and protect code files using packages and access modifiers.
- Knowledge of core library features within the java.io and java.util packages.
- Ability to intercept runtime crashes and build fault-tolerant code using try-catch-finally safety nets.
- Ability to design and throw custom, domain-specific user-defined exceptions.

Photographs

Feedback:

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Accredited by NBA & NAAC with 'A' Grade

FEEDBACK
DAY-5: FRP ON JAVA ON Dr. K Anuradha

S.No	Name of the Faculty	Department	Designation	Attended FRP for the Course	Rate the following aspects of the session					Learning Outcomes: Please indicate your level of agreement with the following statements			What aspects of today's session did you find most useful?	What topics would you like to be covered in more detail?	Suggestions for improving future sessions:	Overall Rating of Day 2 Session
					Relevance of the topic to your teaching needs	Clarity of presentation by the resource person	Practical examples and sample programs	Interaction and response to queries	Overall effectiveness of the session	I understood the concepts covered today	The session met my expectations	The knowledge gained will help improve my teaching effectiveness				
1	Dr Dunga Simhana Devi	Mechanical Engineering	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Every topic and program	The way of explaining every topic is excellent	No	5
2	P Surya Ganesh	CSE(AI&ML)	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Super keyword	Super keyword	Good	5
3	GS NAVEEN KUMAR	CSE	Associate Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Abstract class	Nothing	Good session	5
4	Dr Gugulotl Lachiram	IT	Associate Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Abstract Class	Interfaces	Nothing	5
5	VADLA ANUJA	CSE	Assistant professor	JAVA: Dr. K Anuradha	Good	Good	Good	Good	Good	Agree	Agree	Agree	No	No	Yes	4

Day-5 Assessment Report

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JAVA FRP – TEST 5
RESULT REPORT

Java

Congratulations to All Participants!

RESOURCE PERSON

Dr. K Anuradha
Professor, Dean SDC, CSE Dept
NARSIMHA REDDY ENGINEERING COLLEGE

RANK	FACULTY NAME	MCQ (50)	CODING (50)	TOTAL (100)	PERCENTAGE	GRADE
1	P. Revathy	50	49	99	99%	A+
2	Balagiri Chaitanya	50	49	99	99%	A+
3	V SudhaRani	48	48	96	96%	A+
4	M. Rajeswari	47	49	96	96%	A+
5	P Surya Ganesh	50	45	95	95%	A+
6	Dr Dunga Simhana Devi	48	46	94	94%	A+
7	Itikala Nageswara Rao	50	44	94	94%	A+
8	Jhansi	49	45	94	94%	A+
9	M. NagaTriveni	48	46	94	94%	A+
10	Dr. A. Sreedevi	47	46	93	93%	A+
11	Mr Vanthadpula Vishnu	47	46	93	93%	A+
12	Dr Guguloth Lachiram	48	45	93	93%	A+
13	Meruga Naresh	49	44	93	93%	A+
14	GS Naveen Kumar	45	48	93	93%	A+
15	E Gangaram	48	45	93	93%	A+
16	M. Mounika	45	48	93	93%	A+
17	Sailaja	40	47	87	87%	A
18	Pagadala Chaitanya	45	42	87	87%	A
19	VADLA ANUJA	42	44	86	86%	A

* Results are arranged in descending order of Total Score.

TOTAL PARTICIPANTS 19

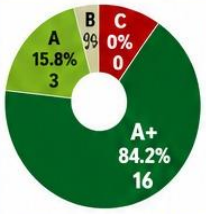
HIGHEST SCORE 99/100

AVERAGE SCORE 92.95/100

AVERAGE PERCENTAGE 92.95%

A+ ACHIEVERS 16 (84.21% of 19)

GRADE DISTRIBUTION



- A+ (90% – 100%) 16
- A (75% – 89%) 3
- B (60% – 74%) 0
- C (Below 60%) 0

TOTAL PARTICIPANTS: 19

TOP PERFORMERS

1	2	3
P. Revathy	Balagiri Chaitanya	V SudhaRani
99/100	99/100	96/100
99%	99%	96%

(Three representatives selected from top participants who secured highest marks.)

KEY HIGHLIGHTS

- 2 Participants scored 99/100
- 16 out of 19 participants secured A+ Grade
- 100% Pass Percentage
- Excellent performance in both MCQ & Coding sections
- Overall batch average 92.95%

CONCLUSION

The JAVA FRP – Test 5 assessment recorded outstanding performance with an average score of 92.95/100.

Most participants demonstrated excellent understanding of Java programming concepts, coding practices, object-oriented programming principles, problem-solving skills, and coding proficiency.

The assessment achieved a 100% success rate, with 84.21% of participants securing A+ grades, reflecting strong learning outcomes and participant engagement.

Congratulations to all participants for their dedication and remarkable performance!

GRADE SCALE

A+	A	B	C
90% – 100% Excellent	75% – 89% Very Good	60% – 74% Good	Below 60% Needs Improvement

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Day 6 – Multithreading, Teamwork in Code, & Smart Communication

Topics Covered

- **The Main Thread:** Understanding the primary, automatic path of execution that starts every Java program.
- **Creating New Threads:** Learning how to build independent "sub-workers" by extending the Thread class or implementing the Runnable interface.
- **Thread Priority:** Assigning importance scores to different threads so the computer knows which ones to run first.
- **Thread Monitoring (isAlive() and join()):** Checking if a worker thread is still working (isAlive) and forcing the program to wait until a specific thread finishes its job (join).
- **Synchronization (Thread Safety):** Putting a "lock" on shared data so multiple threads don't crash into each other or overwrite the same information at the same time.
- **Suspending, Resuming, & Communication:** Pausing and restarting threads safely, and teaching threads to talk to one another using teamwork commands like wait(), notify(), and notifyAll().

Session Summary

The final day of the program focused on "Multithreading"—which is Java's ability to do multiple things at the exact same time, much like a chef cooking different parts of a meal simultaneously. In the morning, teachers learned how to split a basic program into multiple independent background workers (threads) to speed up heavy tasks, and how to change their priorities to keep the app running smoothly.

The afternoon session tackled the challenges of managing these multi-tasking workers. The trainer demonstrated what happens when two threads try to modify the exact same piece of data at once, leading to data mess-ups. Teachers practiced using "Synchronization" to create a safe one-at-a-time lock system. Finally, they built an advanced project where threads communicate seamlessly—using commands to tell one thread to pause (wait()) and wait until another thread wakes it up (notify()) when its data is ready.

Outcomes

- Understanding of the main thread and the fundamentals of multi-tasking execution paths.
- Ability to build, run, and prioritize multiple background workers using threads.
- Knowledge of synchronization locks to protect shared data from simultaneous collision risks.
- Ability to coordinate active teamwork between threads using inter-thread communication commands (wait and notify).

Photographs

Feedback

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FEEDBACK
DAY-6: FRP ON JAVA by Dr. K Anuradha

S.No	Name of the Faculty	Department	Designation	Attended FRP for the Course	Rate the following aspects of the session					Learning Outcomes: Please indicate your level of agreement with the following statements			What aspects of today's session did you find most useful?	What topics would you like to be covered in more detail?	Suggestions for improving future sessions:	Overall Rating of Day 2 Session
					Relevance of the topic to your teaching needs	Clarity of presentation by the resource person	Practical examples and sample programs	Interaction and response to queries	Overall effectiveness of the session	I understood the concepts covered today	The session met my expectations	The knowledge gained will help improve my teaching effectiveness				
1	Balagiri Chaitanya	Cyber Security	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Abstract classes	Interfaces and packages	All good	5
2	Dr Gugulothu Lachiram	IT	Associate Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Class and object method	Interfaces	Nothing	5
3	P.Revathy	CSE	Assistant Professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Static methos,concrete classes,abstract classes	Abstract methods	Nothing	5
4	Meruga Naresh	CSE	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Interface	Packages	Nothing	5
5	P Surya Ganesh	CSE (AI&ML)	Assistant professor	JAVA: Dr. K Anuradha	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly Agree	Strongly Agree	Strongly Agree	Interfaces	Abstract class	Good	5

Day-6 Assessment Report

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JAVA FRP
GRAND TEST RESULT

Java

RESOURCE PERSON: Dr.K.ANURADHA

★ *Congratulations to All the Participants!* ★

RESOURCE PERSON

Dr. K Anuradha
Professor, Dean SDC,
CSE Dept

NARSIMHA REDDY
ENGINEERING COLLEGE

S.No.	Faculty Name	Dept	Grade	Toppers
1	P.Revathy	CSE	ELITE+GOLD	1
2	Balagiri Chaitanya	CSE(CS)	ELITE+GOLD	2
3	M.Rajeswari	CSE(CS)	ELITE+GOLD	-
4	GS NAVEEN KUMAR	CSE	ELITE+GOLD	-
5	M.NagaTriveni	IT	ELITE+GOLD	-
6	P Surya Ganesh	CSE(AIML)	ELITE+GOLD	-
7	Dr.A.Sreedevi	FME	ELITE+GOLD	-
8	Jhansi	CSE	ELITE+GOLD	-
9	Meruga Naresh	CSE	ELITE+GOLD	-
10	Dr Guguloth Lachiram	IT	ELITE+GOLD	-
11	M.Mounika	CSE	ELITE+GOLD	-
12	Mr Vanthadpula Vishnu	CSE	ELITE+GOLD	-
13	E Gangaram	CSE	ELITE+SILVER	-
14	V SudhaRani	CSE	ELITE+SILVER	-
15	Dr Dunga Simhana Devi	ME	ELITE+SILVER	-
16	VADLA ANUJA	CSE	ELITE+SILVER	-
17	Pagadala chaitanya	CSE	ELITE	-
18	Itikala Nageswara Rao	CSE(CS)	ELITE	-
19	Sailaja	CSE	ELITE	-

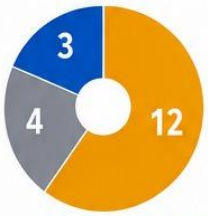
19
TOTAL PARTICIPANTS

TOP PERFORMERS

FIRST PRIZE
P.Revathy
CSE
TOPPER - 1

SECOND PRIZE
Balagiri Chaitanya
CSE(CS)
TOPPER - 2

GRADE DISTRIBUTION



ELITE+GOLD
12 (63.16%)

ELITE+SILVER
4 (21.05%)

ELITE
3 (15.79%)

TOTAL: 19 PARTICIPANTS

PARTICIPATION SUMMARY

19
TOTAL PARTICIPANTS

100%
PARTICIPATION IN GRAND TEST

GRADE EXPLANATION

ELITE+GOLD	Outstanding Performance with Excellent Understanding & Skills
ELITE+SILVER	Very Good Performance with Strong Understanding & Skills
ELITE	Good Performance with Basic Understanding & Skills

KEY HIGHLIGHTS

- 12 participants achieved ELITE+GOLD
- 4 participants achieved ELITE+SILVER
- 3 participants achieved ELITE
- 100% Participation in Grand Test
- Heartiest congratulations to all the participants!

CONGRATULATIONS!

Well done to all the participants for their hard work and dedication.

Keep Learning... Keep Achieving!

★ ★ *Empowering Minds... Building Futures!* ★ ★

Attendance Sheet

NARSIMHA REDDY ENGINEERING COLLEGE

Department of I.T

Faculty Readiness Program (FRP) on Java Programming.

Attendance Sheet

S.No.	Name of the Faculty	Department	Day-1(1-6-26)		Day-2(2-6-26)		Day-3(3-6-26)		Day-4(4-6-26)		Day-5(5-6-26)		Day-6(6-6-26)	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Dr.K.Anuradha	CSE												
1.	Dr.K.Anuradha	CSE												
2.	Ch. Srilakshmi	CSE			—	—	—	—	—	—	—	—	—	—
3.	P. Mamatha	FME			—	—	—	—	—	—	—	—	—	—
4	Dr.A.Sreedevi	FME												
5	N. Kalkamma	CSE			AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	Dr.G.S.Naveen	CSE												
7	P.Surya Ganesh	AIML												
8	I.Nageswara Rao	CSE(CS)												
9	B.chaitanya	CSE(CS)												
10	Dr.Simhana	Mechani					A	A						
11	M.Rajeswari	CSE(CS)												
12	M. Narsish	CSE												
13	E.Gangaram	CSE												
14	Dr. G. Lalitha	IT												
15	M.Naga Triveni	IT												
16	V.Anji	CSE												
17	P.Chaitanya	CSE					AB							
18	P.Rupathy	CSE	A	A										
19	V.Vishnu	CSE	A	A										
20	L.Jhansi	CSE	A	A										

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad – 500 100.
principal@nrcmec.org
9949092454 www.nrcmec.org

NARSIMHA REDDY ENGINEERING COLLEGE

21	V.SudhaRani	CSE	A	A										
22	M.Mounika	CSE												
23	G.Sailaja	CSE												

Resource Person Details: Dr.k.Anuradha
Senior Professor
Dean – SDC
Dept. of CSE

Signature: K.Anuradha

Maisammaguda (V), Dhulapally (P)
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SDG Mapping & Contribution Statement

The Java Programming FRP strongly aligns with established global Sustainable Development Goals (SDGs):

- SDG 4 – Quality Education: Enhances faculty pedagogical competency and technical depth in JVM architecture and object-oriented design, directly elevating classroom learning quality.
- SDG 8 – Decent Work and Economic Growth: Equips faculty to teach enterprise-grade programming, multi-threading, and professional IDE tools, preparing students for high-demand global software engineering roles.
- SDG 9 – Industry, Innovation, and Infrastructure: Drives software infrastructure resilience by focusing on Java's modular architecture (packages), API integration, and cross-platform capability used in global cloud and enterprise systems.
- SDG 16 – Peace, Justice, and Strong Institutions: Promotes data security and platform stability by emphasizing Java's built-in sandbox security model, strict type-checking, and resilient exception-handling routines.
- SDG 17 – Partnerships for the Goals: Fosters institutional collaboration and bridges academic learning with global, open-source development ecosystems and standardized tech education frameworks.

Impact of the Program

- **Improved Classroom Delivery:** Faculty gained deep clarity on JVM architecture and object-oriented design, leading to more impactful lectures.
- **Enhanced Laboratory Instruction:** Shifted the focus from simple syntax errors to advanced debugging, exception handling, and multithreading exercises.
- **Better Alignment with Industry Practices:** Integrated professional IDE workflows (Eclipse/IntelliJ) and modular code architecture into lab sessions.
- **Increased Research Motivation:** Inspired faculty to explore research in concurrent programming, automated memory management, and secure system design.
- **Practical Teaching Methodologies:** Enabled project-centric teaching, allowing faculty to guide students in building real-world, fault-tolerant applications.

Mapping with Sustainable Development Goals (SDGs)

SDG	Goal	Relevance to FRP on Java Programming
SDG 4	Quality Education	Enhances faculty competency in object-oriented logic and JVM architecture, improving the depth and quality of technical software education.
SDG 8	Decent Work and Economic Growth	Develops industry-ready skills in multithreading, concurrency, and enterprise design, directly boosting graduate employability and engineering productivity.
SDG 9	Industry, Innovation and Infrastructure	Drives innovation in cross-platform systems, micro services, and software ecosystems through Java's "Write Once, Run Anywhere" infrastructure.
SDG 16	Peace, Justice and Strong Institutions	Promotes data integrity, secure memory access, and resilient application structures through Java's built-in sandbox security and exception handling.
SDG 17	Partnerships for the Goals	Facilitates collaboration among faculty and researchers by integrating academic training with global open-source communities (like OpenJDK) and frameworks.

SDG Contribution Statement: The program primarily satisfies **SDG 4** targets by providing a rigorous platform for continuous institutional upskilling. It directly bridges academic curricula with professional engineering execution standards, generating a reliable ripple effect on instructional standards

Benefits to Faculty Members

- Enhances programming and software development skills
- Strengthens practical teaching methodologies
- Enables faculty to mentor real-time projects
- Improves coding and debugging skills
- Supports industry-oriented curriculum delivery
- Encourages project-based and experiential learning
- Enhances technical competency and innovation

Suggested Mini Projects

1. Student Management System
2. Library Management System
3. Banking Application
4. Online Examination System
5. Employee Payroll System
6. Hospital Management System
7. Inventory Management System

Valedictory Ceremony


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7 Courses
6 Days
6 Departments
Java Programming
Dr. K. Anuradha
Flutter UI Design
Dr P Ramesh Babu
Power - BI
Prof. GVV Prasad
Database Management Systems (DBMS)
Prof. D Srinivas
Fundamentals of AutoCAD
Mr. Daniel Praneeth
Electromagnetic Fields, Waves & Tr
Dr. V Purander Reddy
C-Programming
Dr. Koteswar Rao
Certificate of Appreciation


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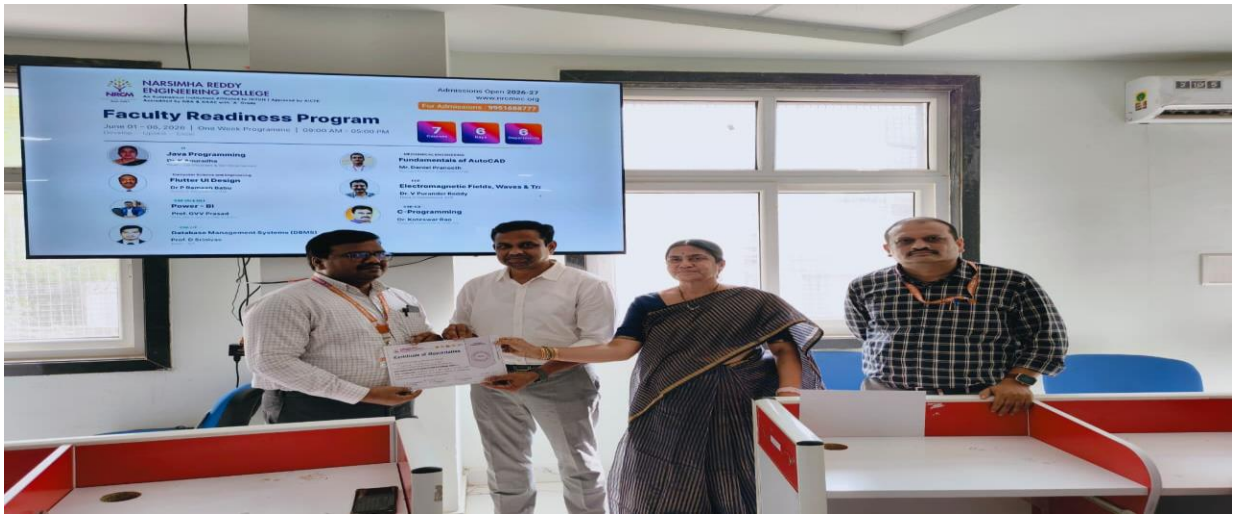
Electromagnetic Fields, Waves & Tr
Dr. V Purander Reddy
C-Programming
Dr. Koteswar Rao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Fundamentals of AutoCAD
Mr. Daniel Pramath
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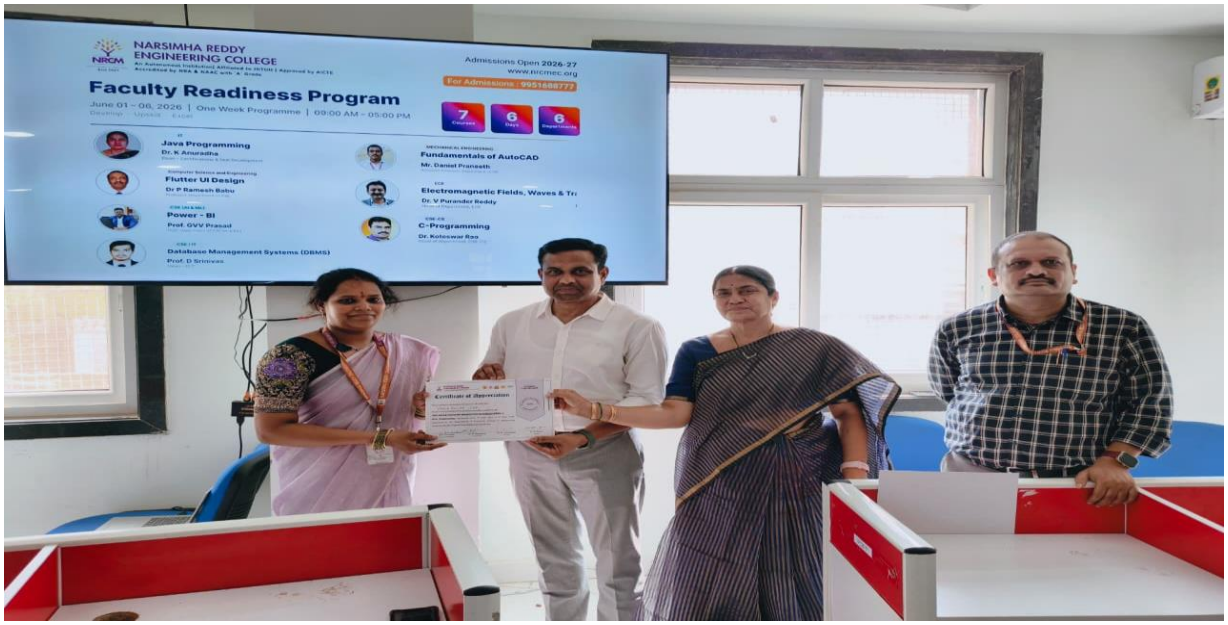
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6 Days
6 Departments
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Certificate of Appreciation

This certificate is proudly presented to Dr./Mr./Ms. P. REVATHY, CSE
has got 1st place and
has actively participated in and successfully completed the
ONE-WEEK FACULTY READINESS PROGRAM (FRP) on
JAVA Programming conducted from 1st June 2026 to 6th June 2026, organized by the Department of Computer Science & Engineering, Narsimha Reddy Engineering College (Autonomous).

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Dr K Anuradha	Dr. N. Rajasekhar	Dr. R. Lokanatham	Dr. A. Mohan
Course Coordinator	Convener	Principal	Director

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Develop · Upskill · Excel

7 Courses | **6** Days | **6** Departments

IT

Java Programming

Dr. K Anuradha
Dean – Certifications & Skill Development

01.06.2026 → 06.06.2026 | 6 Days

VENUE: IT PARK — 303

Computer Science and Engineering

Flutter UI Design

Dr P Ramesh Babu
Professor, Department of CSE

03.06.2026 → 06.06.2026 | 4 Days

VENUE: IT PARK LAB 303

CSE (AI & ML)

Power - BI

Prof. GVV Prasad
HOD, Department of CSE (AI & ML)

03.06.2026 → 06.06.2026 | 4 Days

VENUE: IT PARK

CSE / IT

Database Management Systems (DBMS)

Prof. D Srinivas
Dean – ICT

01.06.2026 → 06.06.2026 | 6 Days

VENUE: Seminar Hall, MG Block

MECHANICAL ENGINEERING

Fundamentals of AutoCAD

Mr. Daniel Praneeth
Assistant Professor, Department of ME

01.06.2026 → 06.06.2026 | 6 Days

VENUE: AutoCAD Lab, Ground Floor, MT Block

ECE

Electromagnetic Fields, Waves & Transmission Lines

Dr. V Purander Reddy
Head of Department, ECE

01.06.2026 → 02.06.2026 | 2 Days

VENUE: MT-214, Microprocessor & CMOS Design Lab

CSE-CS

C-Programming

Dr. Koteswar Rao
Head of Department, CSE-CS

01.06.2026 → 06.06.2026 | 6 Days

VENUE: TECH PARK — 301A & B

Closing Statement

The One Week Faculty Readiness Program (FRP) on Java Programming conducted from 01 June 2026 to 06 June 2026 was successfully completed with active participation from faculty members of the Department of Computer Science & Engineering (CSE) and Information Technology. The program provided a comprehensive and deep structural understanding of object-oriented programming paradigms, JVM architecture, memory management workflows, exception handling frameworks, and concurrent application development patterns.

The insightful and rigorous sessions delivered by Dr. K. Anuradha, Senior Professor of CSE & Dean–SDC, enabled participants to strengthen their technical core, practical code debugging skills, and pedagogical delivery strategies. The interactive discussions, real-world development demonstrations, hands-on laboratory exercises, and live application case studies contributed significantly to standardizing and enhancing the overall learning experience.

The Department expresses its sincere gratitude to the Management, Director, Principal, Dean Academics, Resource Person, Organizing Convener, and all participants for their valuable support and cooperation in making this intensive training program a grand success.

We are confident that the knowledge and skills acquired during this Faculty Readiness Program will enhance classroom teaching effectiveness, elevate laboratory instruction quality, promote advanced research activities, and contribute to institutional academic excellence in the domain of Java Programming.

Prepared By

(Dr. K. Anuradha)
Senior Professor of CSE & Dean–SDC
Department of Computer Science & Engineering
Narsimha Reddy Engineering College (UGC–Autonomous)
Date: 11-06-2026
Place: Hyderabad, Telangana.