

979-8-3315-8172-5 Department: CSE
– March 11, 2026

Date: January 21



REPORT ON

Career Refresh Program



“Certificate Course on Java Full Stack Development”

21st January 2026 – 11th March 2026

ORGANIZED BY

Department of Computer Science & Engineering

*Nalla Narasimha Reddy Group of Institutions
(UGC Autonomous)*

Organizers:

1. Dr. K. Rameshwaraiyah, Convener, SPOC, Professor & Head-CSE
2. Dr. S. Sree Hari Raju, Coordinator, Associate Professor, CSE
3. Ms. Ch. Ramya, Mentor, Assistant Professor, CSE
4. Ms. M. Revathi, Mentor, Assistant Professor, CSE

Resource Persons:

Technical Trainer

Mr Vineeth Armoori

Symbiosis Centre for

Corporate and Professional Learning

Pune, Maharashtra, India.

Soft Skills Trainer

Ms Chandra Vadana M

Corporate Trainer

Andhra Pradesh, India.

Expression of Interest



NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

(Integrated Campus, Approved by AICTE & PCI, New Delhi & Affiliated to JNTUH, Hyderabad)

(UGC AUTONOMOUS INSTITUTION)



EXPRESSION OF INTEREST

College Name : Nalla Narasimha Reddy Education Society's Group of Institutions -
Integrated Campus, UGC Autonomous Campus

Location : Korremula 'X' Road, Via Narapally, Chowdariguda (V), Ghatkesar (M)

District : Medchal (Dist), Hyderabad.

State : Telangana - 500088

With reference to the communication seeking Expression of Interest from ICT Academy, we hereby confirm our willingness to be an implementation institution for ICT Academy for this training program powered by SAP Labs.

We prefer to get our students trained and certified in "Java Full Stack Development".

We confirm the following.

1. We confirm that our institution will nominate 60 Under Privileged UG Women Engineering Students from final year of BE/B Tech Circuit branch courses (2026 Passing Out).
2. The nominated Women students will fall under any one or more of the following categories
 - Financially backward students whose family income is less than Rs.3,50,000 per annum
 - Students with single parent
 - Students supported by guardian
 - First graduate in the family
 - Differently abled
 - Student supported by Sponsorship or Loan
3. We confirm providing 250 Hours of the training schedule and necessary infrastructure facilities for the Live ILT classes and ensure students complete 250 Hours of training on the course on Technology specified by ICT Academy.

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4. We confirm nominating 2 Women Faculty Mentors and 1 SPOC as part of this program along with this sheet.
5. We ensure that there will not be any dropouts from the nominated list of students.
6. We hereby confirm that the enrolled students are interested in taking up job offers and are willing to migrate. Students preferring higher education are not eligible for this program.
7. We confirm that the nominated Women mentors will be part of the training program and will facilitate student involvement and participation.
8. We confirm facilitating Student training, Assessments, Volunteering Sessions, Virtual summit, and Placement activities to be organized by ICT Academy and SAP Labs under this initiative.
9. **Project Timeline: (Jan – Mar'2026)**
 - Submission of EOI – 5 days from the proposal mail receipt
 - Submission of Training Schedule - 10 days from the submission of EOI/30 days from receipt of proposal email 10 days prior to the planned schedule to make necessary trainer arrangements
 - Completion of Training & Assessments – 2 months from the receipt of EOI
 - If the Institution exceeds the specified timeline for submission of EOI, Completion of training & assessments, this EOI and proposal shall be considered null and void.

Nomination of SPOC for this Program.

Name : Dr.K.Rameshwarajah
Designation : Professor & HOD
Email : hod.kse@nnrg.edu.in
MobileNumber : 9553977907


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Please find below the nominated 2 Women faculty mentor details:

Mentor 1	Name	Ch. Ramya
	Designation	Assistant Professor
	Department	CSE
	Contact No.	9963138873
	Email ID	ramya.ch@kse.nnrg.edu.in
Mentor 2	Name	M.Revathi
	Designation	Assistant Professor
	Department	CSE
	Contact No.	9160921862
	Email ID	mandalarevathi@gmail.com

I have thoroughly reviewed the Proposal and Expression of Interest and hereby authorize and confirm my commitment to deliver as per the outlined terms and scope.




Signature with Seal of Principal/Chairman
DIRECTOR
Nalla Narasimha Reddy Education Society's
Group of Institutions
Chowdariguda (V), Ghatkesar (M),
Medchal-Malkajgiri (Dist.) T.S-500 088.

Career Refresh Program - Schedule



NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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CSR Training Schedule					
					Date : 19-01-2026
Project Name : Women in Technology – Career Refresh Program - A CSR Initiative by SAP Labs					
Project Course Name: Java Full Stack Development					
College Name with Address: Nalla Narasimha Reddy Education Society's Group Of Institutions Integrated Campus Korremula 'X' Road, Via Narapally, Chowdanguda (Vill), Ghatkesar (Mandal), Medchal (Dist), Hyderabad. - 500088					
No. of Batch/s: 01					
Student Count: 65					
Trainer Accomodation Availability (Yes/No): No					
Accomodation if Yes (Guest House/Hostel): -					
Timings :	Session-1		9:00 AM – 1:00 PM		
	Lunch Break		1:00 PM – 1:30 PM		
	Session-2		1:30 PM-4:30 PM		
Pre-Assessment Date:					
Pre-Assessment need to be conducted 5 working days before the training start date.					
Training Start Date:					
S.NO.	DATE	DAY	HOURS PER DAY	CUMULATIVE HOURS	TECHNICAL/SOFT SKILLS
1	21-01-2026	WEDNESDAY	7	7	TECHNICAL
2	22-01-2026	THURSDAY	7	14	TECHNICAL
3	23-01-2026	FRIDAY	7	21	TECHNICAL
4	24-01-2026	SATURDAY	7	28	TECHNICAL
5	27-01-2026	TUESDAY	7	35	TECHNICAL
6	28-01-2026	WEDNESDAY	7	42	TECHNICAL
7	29-01-2026	THURSDAY	7	49	TECHNICAL
8	30-01-2026	FRIDAY	7	56	TECHNICAL
9	31-01-2026	SATURDAY	7	63	TECHNICAL
10	02-02-2026	MONDAY	7	70	TECHNICAL
11	03-02-2026	TUESDAY	7	77	TECHNICAL
12	04-02-2026	WEDNESDAY	7	84	TECHNICAL
13	05-02-2026	THURSDAY	7	91	TECHNICAL
14	09-02-2026	MONDAY	7	98	TECHNICAL
15	10-02-2026	TUESDAY	7	105	TECHNICAL
16	11-02-2026	WEDNESDAY	7	112	TECHNICAL
17	12-02-2026	THURSDAY	7	119	TECHNICAL
18	13-02-2026	FRIDAY	7	126	TECHNICAL
19	14-02-2026	SATURDAY	7	133	TECHNICAL
20	16-02-2026	MONDAY	7	140	TECHNICAL
21	17-02-2026	TUESDAY	7	147	TECHNICAL
22	18-02-2026	WEDNESDAY	7	154	TECHNICAL
23	19-02-2026	THURSDAY	7	161	TECHNICAL
24	20-02-2026	FRIDAY	7	168	TECHNICAL
25	21-02-2026	SATURDAY	7	175	TECHNICAL
26	23-02-2026	MONDAY	7	182	TECHNICAL
27	24-02-2026	TUESDAY	7	189	TECHNICAL
28	25-02-2026	WEDNESDAY	7	196	TECHNICAL
29	26-02-2026	THURSDAY	4	200	TECHNICAL

SPOC Seal & Signature

Head of the Department



Principal Seal & Signature

DIRECTOR

Nalla Narasimha Reddy Education Society's

Group of Institutions

Near Narapally, Chowdanguda (V), Korremula 'X' Road, Ghatkesar (M), Medchal-Malkajgiri Dist, Hyderabad, 500088. T.S.

Mobile: +91 9985311103, 9885294405, Ph: 040-29705282, Fax: 040-29705281, T.S. 500 00

Website: www.nnrg.edu.in

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CSR Training Schedule					
					Date : 19-01-2026
Project Name : Women in Technology – Career Refresh Program - A CSR Initiative by SAP Labs					
Project Course Name: Soft Skills					
College Name with Address: Nalla Narasimha Reddy Education Society's Group Of Institutions Integrated Campus Korremula 'X' Road, Via Narapally,Chowdariguda (Vill),Ghatkesar (Mandal),Medchal (Dist.), Hyderabad. - 500088					
No. of Batch/s: 01					
Student Count: 65					
Trainer Accomadation Availability (Yes/No):No					
Accomadation if Yes (Guest House/Hostel): -					
Timings :	Session-1		9:00 AM– 1:00 PM		
	Lunch Break		1:00 PM – 1:30 PM		
	Session-2		1:30 PM-4:30 PM		
Pre-Assessment Date: 21-01-2026					
Pre-Assessment need to be conducted 5 working days before the training start date.					
Training Start Date:					
S.NO.	DATE	DAY	HOURS PER DAY	CUMULATIVE HOURS	TECHNICAL/SOFT SKILLS
1	27-02-2026	FRIDAY	7	7	SOFTSKILLS
2	28-02-2026	SATURDAY	7	14	SOFTSKILLS
3	02-03-2026	MONDAY	7	21	SOFTSKILLS
4	03-03-2026	TUESDAY	7	28	SOFTSKILLS
5	04-03-2026	WEDNESDAY	7	35	SOFTSKILLS
6	05-03-2026	THURDAY	7	42	SOFTSKILLS
7	06-03-2026	FRIDAY	7	49	SOFTSKILLS
8	07-03-2026	SATURDAY	1	50	SOFTSKILLS

SPOC Seal & Signature

Head of the Department
Computer Science & Engineering
Nalla Narasimha Reddy Education Society's
Group of Institutions-Integrated Campus,
Chowdariguda (Vill), Ghatkesar (Mandal) Medchal Dist. -500088

Principal Seal & Signature

DIRECTOR
Nalla Narasimha Reddy Education Society's
Group of Institutions
Chowdariguda (V), Ghatkesar
Medchal-Malkajgiri (Dist.) T.S-500088



Career Refresh Program Invitation



NALLA NARASIMHA REDDY GROUP OF INSTITUTIONS
(UGC AUTONOMOUS)
Chowdariguda, Medchal (Dist.), Hyderabad – 500088.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Cordially invites you
For the Inaugural Function of
Women in Technology
for
Career Refresh Program
on

“JAVA FULL STACK DEVELOPMENT”

Resource Person's

Technical Trainer
Mr Vineeth Armoori
Symbiosis Centre for
Corporate and Professional Learning
Pune, Maharashtra, India.

Soft Skills Trainer
Ms Chandra Vadana M
Corporate Trainer,
Andhra Pradesh, India.

Date & Time: 21st January 2026 @ 10:00 AM

Venue: CC-III, First Floor.

Sri Nalla Narasimha Reddy
Chairman
Nalla Narasimha Reddy Group of Institutions

Mr. Nalla Prashanth Reddy
Vice Chairman
Nalla Narasimha Reddy Group of Institutions

Dr. C. V. Krishna Reddy
Director
Nalla Narasimha Reddy Group of Institutions

Dr. G. Janardhana Raju
Dean – SoE
Nalla Narasimha Reddy Group of Institutions

Dr. K. Rameshwaraiiah
Convener, SPOC & Head-CSE
Nalla Narasimha Reddy Group of Institutions

Mr. B. Gopal Reddy
State Head, IS
ICT Academy

Career Refresh Program Agenda

Nalla Narasimha Reddy Education Society's Group of Institutions

Inauguration Program Agenda

Department of Computer Science & Engineering

Organizing

Women in Technology
for
Career Refresh Program
on

Java Full Stack Development

21st January 2026 @ 10:00 AM

Program Agenda:

10:00 AM to 10:10 AM	Inviting a Guest to the Dias
10:10 AM to 10:25 AM	Jyothi Prajwalana & Invocation Song
10:25 AM to 10:30 AM	Welcome Address Dr. K. Rameshwaraiah Convener, SPOC & Head-CSE
10:30 AM to 10:35 AM	Inaugural Address Dr. G. Janardhana Raju Dean-SOE
10:35 AM to 10:40 AM	Chief Guest Address Mr. B. Gopal Reddy State Head, ICT Academy
10:45 AM to 10:50 AM	Special Address Dr. C. V. Krishna Reddy Director, NNRG
10:50 AM to 10:55 AM	Introduction about Trainers
10:55 AM to 11:00 AM	Vote Of Thanks Ms. Ch. Ramya
11:00 AM to 11:10 AM	Photo Session <ol style="list-style-type: none">1. Group photo with Students2. Group Photo with Mentors3. Training Session
11:10 AM to 11:15 AM	Launch of Training Program (CC- III, First Floor)

Session Plan for Program

Women in Technology – Career Refresh Program - A CSR Initiative by SAP Labs Nalla Narasimha Reddy Education Society's Group of Institutions							ATCH ID : G52	
Trainer : VINEETH ARMOORI Start Date : 21-01-2026 End Date : 26-02-2026								
Java Full Stack Development								
S.No	Module	Topic	Subtopic	Methodology	Duration (hh)	DATE	SIGN	
1	HTML5/CSS3 with Bootstrap	HTML5	HTML5 Basics - HTML page structure,	Lecture, Discussion	1			
			Meta tags - usage and types	Lecture, Discussion, Hands on	1			
			Lists - ordered, unordered, nested	Lecture, Discussion, Hands on	1			
			Tables - structure, cell spanning, formatting	Lecture, Discussion, Hands on	1			
			Image embedding, alignment, images as links	Lecture, Discussion, Hands on	1			
			Multimedia - Audio & Video	Lecture, Discussion, Hands on	1			
			Working with hyperlinks and anchor tags	Lecture, Discussion, Hands on	1			
			HTML Forms - structure and elements	Lecture, Discussion, Hands on	1			
			Form controls - text, password, checkbox, radio	Lecture, Discussion, Hands on	1			
			Dropdowns, file uploads, buttons	Lecture, Discussion, Hands on	1			
			New HTML5 form inputs - date, range, email	Lecture, Discussion, Hands on	1			
			Hands-on Application Exercises	Hands on	1			
			CSS3	CSS3 Introduction and history	Lecture, Discussion	1		
				Ways to apply CSS - inline, internal, external	Lecture, Discussion, Hands on	1		
				Units - px, em, rem and when to use them	Lecture, Discussion, Hands on	1		
		CSS Syntax - selectors, attributes, cascades		Lecture, Discussion, Hands on	1			
		Fonts, Google Fonts, text effects		Lecture, Discussion, Hands on	1			
		Colors - RGB, RGBA, HSL, gradients, masks		Lecture, Discussion, Hands on	1			
		Pseudo classes/elements, advanced selectors		Lecture, Discussion, Hands on	1			
		Borders, rounded corners, box		Lecture, Discussion, Hands on	1			
		Layouts - box, table, positioning		Lecture, Discussion, Hands on	1			
		Multi-column and flexbox layouts		Lecture, Discussion, Hands on	1			
		CSS transforms, transitions,		Lecture, Discussion, Hands on	1			
		Animations - hover, keyframes, animation property		Lecture, Discussion, Hands on	1			
		SASS - variables, mixins, nesting, BEM		Lecture, Discussion, Hands on	1			
		Bootstrap		Real-world CSS - frameworks, preprocessors	Lecture, Discussion, Hands on	1		
				Scenario-driven Lab Activities	Hands on	1		
			Introduction to Bootstrap & Mobile-first design	Lecture, Discussion	1			
			Bootstrap setup - structure, Setup via CDN & local	Lecture, Discussion, Hands on	1			
			Bootstrap Grid System - rows, cols, offsets	Lecture, Discussion, Hands on	1			
Bootstrap Components - buttons, forms, tables	Lecture, Discussion, Hands on		1					
Navbars, breadcrumbs, dropdowns	Lecture, Discussion, Hands on		1					
Bootstrap JS plugins - modal, carousel, collapse	Lecture, Discussion, Hands on		1					
Practical Implementation Tasks	Hands on		1					
Introduction to JavaScript and ES6+ Features	Introduction to Javascript and ES6+		Lecture, Discussion, Hands on	1				
	HTML and JavaScript		Lecture, Discussion, Hands on	1				
	How to include JavaScript in HTML and syntax basics		Lecture, Discussion, Hands on	1				
	Data types, variables, and operators		Lecture, Discussion, Hands on	1				
	JavaScript functions and use cases		Lecture, Discussion, Hands on	1				
	Working with core objects - String, Math		Lecture, Discussion, Hands on	1				
	Control structures and loops, if/else, switch	Lecture, Discussion, Hands on	1					
	Let, const, var - scope and hoisting, Types of Loops in JavaScript	Lecture, Discussion, Hands on	1					
	Real-time Implementation Exercises	Hands on	1					
	Java Script Events	Understanding events	Lecture, Discussion, Hands on	1				
		Event Listener Vs Handler	Lecture, Discussion, Hands on	1				
		Adding event listeners and Adding event handler	Lecture, Discussion, Hands on	1				
		Creating interactive elements with JavaScript	Lecture, Discussion, Hands on	1				

2	JavaScript ES6		Hands-on Application Exercises	Hands on	1		
		Document Object Model	Understanding the JavaScript object model	Lecture, Discussion, Hands on	1		
			Window, Frame, Navigator, Location, History objects	Lecture, Discussion, Hands on	1		
			Document object - methods, events, and properties	Lecture, Discussion, Hands on	1		
			Form elements - text, radio, checkbox, buttons	Lecture, Discussion, Hands on	1		
			Form validation and data submission	Lecture, Discussion, Hands on	1		
			Anchor, link, cookies objects, Element click handler	Lecture, Discussion, Hands on	1		
			Event listeners on elements, Creating new elements	Lecture, Discussion, Hands on	1		
			Applied Practice Activities	Hands on	1		
		Arrays & Objects	Array methods (map, filter, reduce, find, some, every)	Lecture, Discussion, Hands on	1		
			Object and Object destructuring, Spreadrest Operator	Lecture, Discussion, Hands on	1		
			Real-time Implementation Exercises	Hands on	1		
		Bootstrap Components with JavaScript	Bootstrap JS components - modal, carousel	Lecture, Discussion, Hands on	1		
			Tooltip, collapse, tab plugin, transitions	Lecture, Discussion, Hands on	1		
			Practical Implementation Tasks	Hands on	1		
ES6 Library	Number, Math, Function, and RegEx extensions	Lecture, Discussion, Hands on	1				
	Real-time Implementation Exercises	Hands on	1				
Stage 1 - Revision					1		
Formative Assessment 1					1		
	Introduction to Git and Basic Operations	What is Git, Setting Up Git, Creating and Initializing a Repository	Lecture, Discussion, Hands on	1			
		Key Git Concepts and Terminology	Lecture, Discussion, Hands on	1			
		Basic Git Commands	Lecture, Discussion, Hands on	1			
		Hands-on Application Exercises	Hands on	1			
3	Web Development - Git Basics and Angular JS	React	What is React?, Why React?, React version history and React 16 vs React 15	Lecture, Discussion, Hands on	1		
			Just React - Hello World	Lecture, Discussion, Hands on	1		
			Using create-react-app	Lecture, Discussion, Hands on	1		
			Anatomy of react project (Part-1)	Lecture, Discussion, Hands on	1		
			Anatomy of react project (Part-2)	Lecture, Discussion, Hands on	1		
			Running the app	Lecture, Discussion, Hands on	1		
			Debugging first react app	Lecture, Discussion, Hands on	1		
		Applied Practice Activities	Hands on	1			
		Angular - Introduction	Working with Angular Directives	Lecture, Discussion, Hands on	1		
			BuiltIn Control Flow directives	Lecture, Discussion, Hands on	1		
			Using attribute directives for appearance	Lecture, Discussion, Hands on	1		
			Directive: calculate read time for articles	Lecture, Discussion, Hands on	1		
			Directive: scroll to an element	Lecture, Discussion, Hands on	1		
			Directive Composition API with multiple directives	Lecture, Discussion, Hands on	1		
			Applied Practice Activities	Hands on	1		
		Essentials of Angular JS and Templates	Basics of components	Lecture, Discussion, Hands on	1		
			Setting up templates using CLI and Creating components using CLI	Lecture, Discussion, Hands on	1		
			Nesting Components, Data Binding Property and Two-way binding, Event Binding and Style Binding	Lecture, Discussion, Hands on	1		
			Input & Output Properties, Passing Event Data, Create a First Angular App, Template and Styles	Lecture, Discussion, Hands on	1		
			View Encapsulation, Adding Bootstrap to Angular App and Inbuilt Pipes	Lecture, Discussion, Hands on	1		
What are Services, Dependency Injections and Creating Data Service in Angular	Lecture, Discussion, Hands on		1				
Real-time Implementation Exercises	Hands on		1				
TemplateDriven vs Reactive Forms	Lecture, Discussion, Hands on		1				

			Define Template Driven Form and Setting Up Reactive Forms, Form Controls, Form Groups, Form Builder	Lecture, Discussion, Hands on	1		
		Angular Forms and Components	Forms with Reactive Approach and Validation in Reactive Forms, Predefined & Custom Validators	Lecture, Discussion, Hands on	1		
			Showing Validation Errors and Creating a TemplateDriven Form (Demo)	Lecture, Discussion, Hands on	1		
			Component Life Cycle Hooks, Reusable Components using <ng-content>	Lecture, Discussion, Hands on	1		
			Navigating with Router Links and Understanding Navigation Paths	Lecture, Discussion, Hands on	1		
			Navigating Programmatically, Passing Parameters, Query Params, Fragments	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		Angular Http Requests and Authentications	HTTP Requests and Angular CLI	Lecture, Discussion, Hands on	1		
			Sending GET, PUT, PATCH Requests	Lecture, Discussion, Hands on	1		
			Using Returned Data, Catching HTTP Errors	Lecture, Discussion, Hands on	1		
			Observables Basics and Promises	Lecture, Discussion, Hands on	1		
			Authentication in SPA	Lecture, Discussion, Hands on	1		
			JWT Module and JSON Web Tokens	Lecture, Discussion, Hands on	1		
			Signup, Login, Logout App	Lecture, Discussion, Hands on	1		
			Router Protection, Guards	Lecture, Discussion, Hands on	1		
			Can Activate Interface, Authentication Status and Redirection	Lecture, Discussion, Hands on	1		
			Scenario-driven Lab Activities	Hands on	1		
Stage 2 - Revision					1		
Formative Assessment 2					1		
		Java Basics	Java introduction, Basic programming concepts, Simple Java program	Lecture, Discussion, Hands on	1		
			Control Structures, Arrays, and Multidimensional Arrays	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
4	Core Java Development	OOPS Concepts in Java	Class, Methods, Packages and Class	Lecture, Discussion, Hands on	1		
			Constructor, Static variables and	Lecture, Discussion, Hands on	1		
			Encapsulation, Inheritance and	Lecture, Discussion, Hands on	1		
			Interface, Abstract class and Inner class	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		Strings in Java	Strings, String Builder, String	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		Exception Handling in Java	Exception Introduction, Need for Exception, Need for Exception Handling and Default Exception	Lecture, Discussion, Hands on	1		
			Throw, Throws and Nested Try Catch, Try with Resources and Custom	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
Threads in Java	Thread introduction, Thread Creation, and States of Threads	Lecture, Discussion, Hands on	1				
	Multithreading and Thread Functions like sleep, yield and Join	Lecture, Discussion, Hands on	1				
	Hands-on Application Exercises	Hands on	1				
5	SQL Databases with MySQL	Relational Database Design & Normalization	Understanding relational model, Primary & foreign keys, 1NF, 2NF, 3NF examples and Designing sample tables	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		MySQL Installation & Basic Configuration	Installing MySQL / Workbench, Creating databases & users, Basic MySQL commands (CREATE DATABASE, SHOW TABLES, etc.) and Import/export	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		Advanced SQL Queries & Joins	INNER, LEFT, RIGHT joins, Nested subqueries, Aggregate functions (SUM(), AVG(), COUNT(), GROUP BY, HAVING) and Real-world data querying	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		Optimization, Indexing, & Transactions	Index concepts and CREATE INDEX, Query optimization basics (EXPLAIN, execution plans), Transaction management (START TRANSACTION, COMMIT, ROLLBACK) and Maintaining data integrity (constraints, foreign keys)	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		

6	Node JS	Getting started with Node.js	Node.js Fundamentals, Why Node.js and Event-Driven Programming	Lecture, Discussion, Hands on	1		
			Node.js Installation & Environment Setup	Lecture, Discussion, Hands on	1		
			Blocking vs Non-blocking Code, Callback functions and examples	Lecture, Discussion, Hands on	1		
			Node.js Globals and REPL Terminal	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
7	Express JS	Introduction and Working with ExpressJS	What is ExpressJS, how it works, Installation and environment setup	Lecture, Discussion, Hands on	1		
			app.js, connect module, app structure	Lecture, Discussion, Hands on	1		
			Steps to create Express app	Lecture, Discussion, Hands on	1		
			application, request, response objects	Lecture, Discussion, Hands on	1		
			Advanced routing techniques	Lecture, Discussion, Hands on	1		
8	Database - MongoDB	MongoDB - Overview	Introduction to NoSQL and its types	Lecture, Discussion	1		
			MongoDB and its Installation	Lecture, Discussion, Hands on	1		
			MongoDB Walkthrough with Compass	Lecture, Discussion, Hands on	1		
		Basic Operations	Basics about JSON/BSON	Lecture, Discussion, Hands on	1		
			MongoDB Data Model, JSON, BSON	Lecture, Discussion, Hands on	1		
			BSON types and _id field	Lecture, Discussion, Hands on	1		
			Document & Document Store design (Bad vs. Better)	Lecture, Discussion, Hands on	1		
		CRUD Operations	Hands-on Application Exercises	Hands on	1		
			CRUD operations	Lecture, Discussion, Hands on	1		
			Query Interface, Comparison & Logical Operators, and Query Operators	Lecture, Discussion, Hands on	1		
		Transactions and Consistency	Hands-on Application Exercises	Hands on	1		
			Multi-document transaction	Lecture, Discussion, Hands on	1		
			Write concerns, Roll back and ACID Guarantees	Lecture, Discussion, Hands on	1		
			Hands-on Application Exercises	Hands on	1		
		Aggregations	What is Aggregation? Types and Aggregate() method	Lecture, Discussion, Hands on	1		
			Pipeline concepts and operators - \$match, \$group, \$project	Lecture, Discussion, Hands on	1		
			Pipeline Operators - \$skip, \$limit, \$sort, \$sum, \$first, \$last	Lecture, Discussion, Hands on	1		
Hands-on Application Exercises	Hands on		1				
	Indexing	Index types and properties	Lecture, Discussion, Hands on	1			
		Explain Plan and Profiling and slow query logging	Lecture, Discussion, Hands on	1			
		Hands-on Application Exercises	Hands on	1			
	Replication and Sharding	Replication, purpose and Replica Set	Lecture, Discussion, Hands on	1			
		Sharding mechanics and GridFS	Lecture, Discussion, Hands on	1			
		Hands-on Application Exercises	Hands on	1			
Integration with MongoDB	Mongoose connection, Schema definition and validation	Lecture, Discussion, Hands on	1				
	CRUD with Node.js + Mongoose and Query helpers	Lecture, Discussion, Hands on	1				
Authentication & Authorization				Lecture, Discussion, Hands on	1		
Stage 3 - Revision					1		
Formative Assessment 3					1		
9	JSP and Servlet	Servlets	Basic Understanding of servlet, Servlet environment setup, Life cycle of servlet, Writing servlet in IDE, Working with filters, Cookies and Session, Servlets Filters and Listeners	Lecture, Discussion, Hands on	1		
			JSP	Elements and Directives, Action Elements, Creating Custom tags, and Using beans, JSTL introduction, JSTL Tags: Core tags, Formatting tags and Custom tags, JSP Expression Language	Lecture, Discussion, Hands on	1	
		Request and Response Handling, Database Connectivity, JDBC integration, CRUD operations in database, Listing Data on Web Page, Adding JSTL support, Upload Files / Images	Lecture, Discussion, Hands on	1			
	Hibernate and JPA	Introduction to JPA, JPA Entities, Entity life cycle, and Basic annotations, Mapping Associations, Entity Relationships, Eager and Lazy Loading	Lecture, Discussion, Hands on	1			
		Entity Managers, Entity State, and Transitions, Stored-Procedure Queries, JPQL, The Java Persistence Query Language, HQL, Persistence	Lecture, Discussion, Hands on	1			

10	Hibernate & Spring MVC	Advanced Mappings, Strategies, Querying Over Inheritance Relationships, Hibernate Extensions, The Criteria API & History, Criteria Query Structure, Locking & Caching, API Design best practices	Lecture, Discussion, Hands on	1		
	Spring MVC	Spring introduction, Building Spring web apps, Creating Controllers and Views, Request params and Request Mappings, Forms tags and Data Binding, Retrieve as JSON, Create a Spring Rest Controller, Use PathVariable for REST endpoint	Lecture, Discussion, Hands on	1		
	Spring Boot Basics	Spring Boot Introduction, why spring boot	Lecture, Discussion, Hands on	1		
		Spring boot features and goal of spring	Lecture, Discussion, Hands on	1		
		Creating project in spring boot - Spring initializer	Lecture, Discussion, Hands on	1		
11	Spring Boot and RESTful API	Spring boot hello world application and Annotation	Lecture, Discussion, Hands on	1		
		Spring Boot Actuator, Spring Boot Build system and Code Structure	Lecture, Discussion, Hands on	1		
		Spring Boot with Restful Service	Lecture, Discussion, Hands on	1		
		Spring Boot, Hibernate with restful web service	Lecture, Discussion, Hands on	1		
		Deploying spring boot application in tomcat server	Lecture, Discussion, Hands on	1		
		Spring Boot Common Application properties and Spring Boot with Logger	Lecture, Discussion, Hands on	1		
		Hands-on Application Exercises	Hands on	1		
		REST architecture & HTTP	Lecture, Discussion, Hands	1		
RESTful API	Create RESTful API - List/Add/Show/Delete Users and Handson Application Exercise	Lecture, Discussion, Hands on	1			
Final Revision				1		
Final Assessment				1		
COLLEGE SEAL			PRINCIPAL SEAL & SIGNATURE			

Date: 12-03-2026

Academic Year: 2025-2026

Activity: Certification Program on “Java Full Stack Development”

Consolidated Report

As per the schedule in the department’s academic plan, a Certification Program on “**Java Full Stack Development**” was conducted from **21-01-2026** to **11-03-2026** students for a total of 51 students of IV – CSE, CSE (AI&ML), CSE (DS) & IT girls under “**Women in Technology – Career Refresh Program**”, the program was conducted for **250 hours** in which 200 Hours of Technical training and 50 Hours of Soft Skills training which is organized under A CSR Initiative by **SAP Labs** and implemented by ICT Academy through college Institution’s Innovation Council (IIC). **Mr. Vineeth Armoori – Symbiosis Centre for Corporate and Professional Learning, Pune, Maharashtra, and Ms. Chandra Vadana M – Corporate Trainer – Andhra Pradesh, India** are the resource persons for the certification program.

08-10-2025: Started the inauguration of “**Women in Technology – Career Refresh Program**” from **10:00 AM** to **11:15 AM** with an Inaugural Speaker, Sri. Nalla Narasimha Reddy - Chairman, Nalla Prashanth - Vice Chairman, Dr. C. V. Krishna Reddy – Director, Dr. G. Janardhana Raju – Dean SOE & IIC Convenor, Dr. K. Rameshwaraiiah – Convener, SPOC, Professor & Head CSE, and Mr. B. Gopal Reddy – Head TS, ICT Academy are the inaugural speakers for the event and started the program with lighting of lamp and followed by the speakers addressed the students.

Dr K. Rameshwaraiiah – Convener, SPOC, Professor & Head, CSE, started by welcoming all the dignitaries to the program, followed by expressing his view on the importance of Java Full Stack Development today.

Dr G. Janardhana Raju – Dean, SOE & IIC Convenor, addressed the students, emphasising the importance of learning new technologies and how technology plays a major role in making human life simpler.

Mr. B. Gopal Reddy – ICT Academy - State Head TS, explained the role of ICT Academy to students and how it is filling a gap between Educational Institutions and Industries.

Dr. C. V. Krishna Reddy – Director, addressed the students by stating the importance of technology to all young boys & girls and advised them to utilise the opportunities.

After the inauguration, the trainer started session 1 of Day 1.

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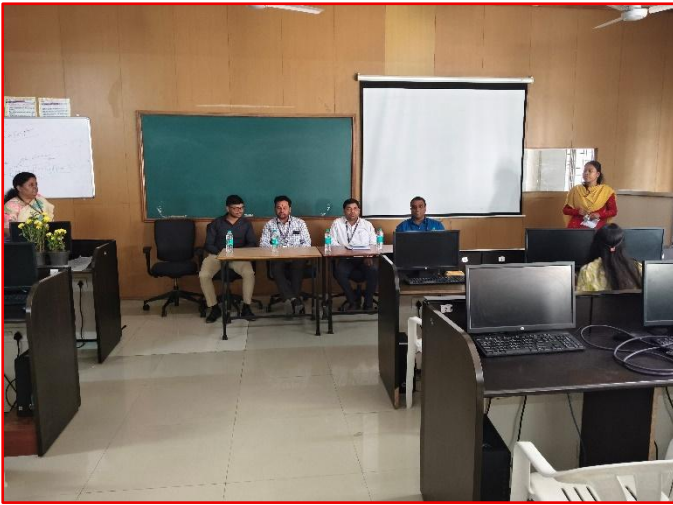


Implemented by

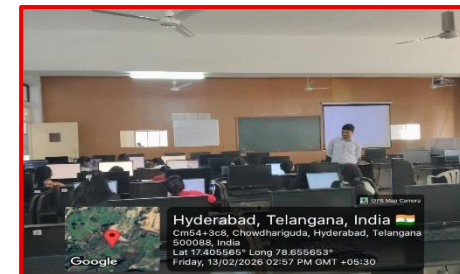
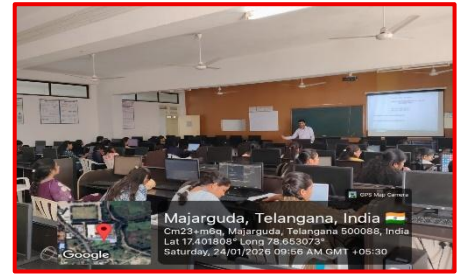
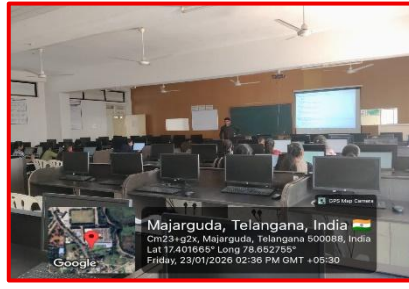
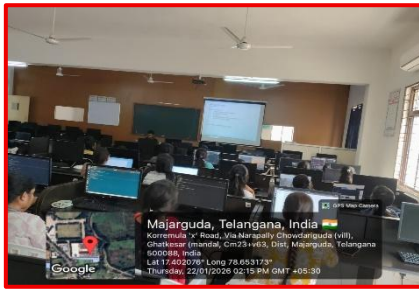


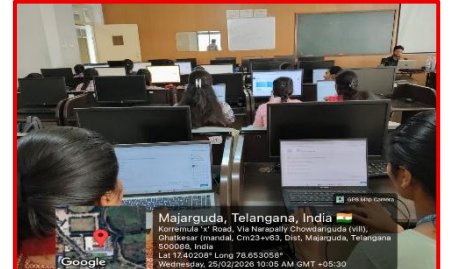
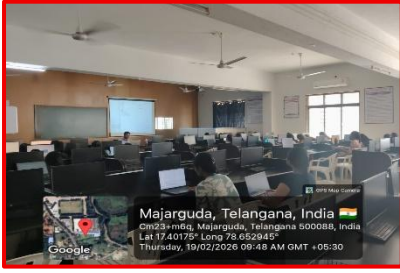
WOMEN IN TECH

Technical Training Session Photos



Day to Day Technical Training Photos (21-01-2026 to 28-02-2026)





Valedictory of Technical Training



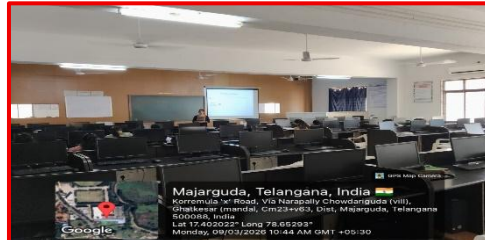
Dr. K. Rameshwaraiiah, HoD-CSE, presented a shawl, and students showed gratitude to the trainer by presenting a token of appreciation

<i>S. No.</i>	<i>Formative Assessment</i>	<i>Scheduled Date (Technical)</i>
1	Formative Assessment 1	02-02-2026
2	Formative Assessment 2	12-02-2026
3	Formative Assessment 3	25-02-2026
4	Formative Assessment 4	28-02-2026

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t sathwika	imsathwika27@gmail.com	91	83	96	88
L.THARUNI GOUD	tharunigoud25@gmail.com	96	88	100	60
Sruthi Peddapatlolla	peddapatlollasruthireddy@gmail.com	83	76	93	85
Vaishnavi Kandula	vaishnavik4859@gmail.com	76	29	95	35
Kaluva Srawanthi	kaluvasrawanthi50@gmail.com	62	58	79	84
Palla Bhavani	bhavanipalla54@gmail.com	96	79	95	97
sushma kummari	sushmakummarik0999@gmail.com	81	90	94	89
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pooja Boya	boyapooja65@gmail.com	76	88	94	88
Sowmya Pottigari	pottigarisowmyareddy143@gmail.com	99	94	97	94
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Bathi Pranavi	bathipranavi@gmail.com	100	35	64	19
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Pujitha Belli	bellipoojitha21@gmail.com	87	83	91	87
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Katamarajulu Praneetha	katamarajulupraneetha@gmail.com	79	76	82	41
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Pranathi Jambula	jambulapranathi07@gmail.com	95	80	40	29
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j srinayana udayabhanu Reddy	srinayanat@gmail.com	72	70	96	95
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Srujana A	srujanayadav94@gmail.com	95	91	82	82

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Tanushree Palli	tanusrip11@gmail.com	88	90	93	83
Suchitra Ramagalla	ramagallasuchitra@gmail.com	99	80	93	96
Samaikya Kandimalla	kandimallasamaikya@gmail.com	95	85	98	96
SANVI PANUGOTHU	sanvipanugothu30@gmail.com	92	94	86	88
Jilla Vaishnavi	jillavaishu7416@gmail.com	82	79	85	70
Edra Ashakumari	edraasha@gmail.com	100	96	97	87
KEERTHI JANUMALA	keerthijan52@gmail.com	74	76	87	96
Snehitha Bandaru	bandarusnehitha7724@gmail.com	85	88	94	97
MARAM NIKSHITHA	Nikshitha26maram@gmail.com	94	95	97	93
Jesimitha Jakkinapally	jashmitharao345@gmail.com	92	29	37	27
kavya Gunamgari	Kavyagunamgari@gmail.com	90	89	100	96
Vedavarshini Reddy P	sirireddy1324@gmail.com	99	89	81	100
Soneshwari Banothu	soneshwaribanothu@gmail.com	85	81	85	96

Day to Day Soft Skills Training Photos (02-03-2026 to 11-03-2026)



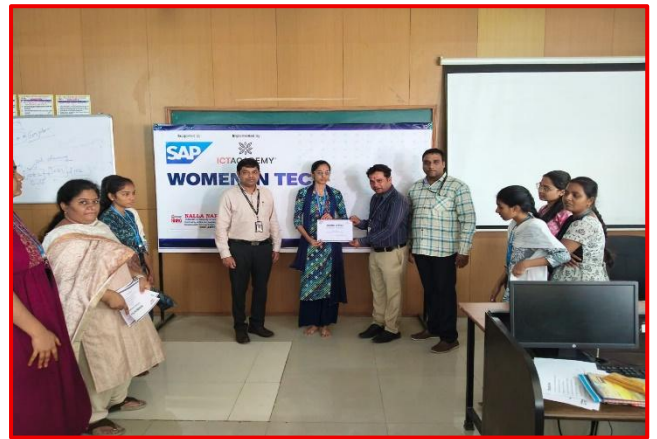
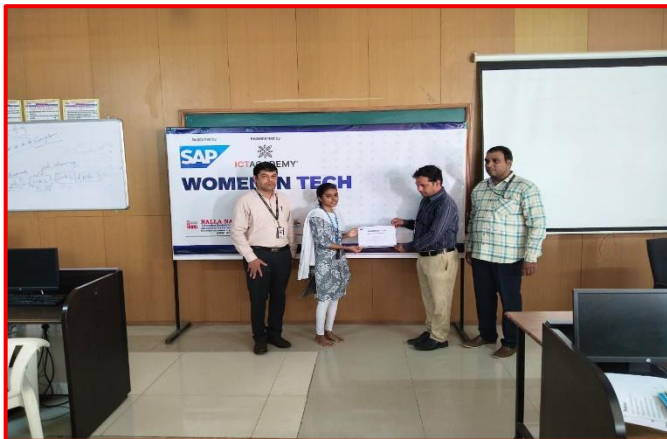


Dr. K. Rameshwariah, HoD-CSE, addressed the students and presented a shawl with a token of appreciation to Mr. B. Gopal Reddy – ICT Academy State Head – Telangana, Ms. Chandra Vadana Marupilla – Soft Skills Trainer, Group photo with Dr. S. Sree Hari Raju – ICT Academy Coordinator, Ms. Ch. Ramya & Ms. M. Revathi – Mentors of the Program, Ms. B. BhagyaLaxmi, and students.

Soft Skills Final Marks

S. No.	Student Name	Score
1	Anusha Bonthapally Nageshwar	80
2	Anusha R	100
3	Bathi Pranavi	88
4	Bhavya Sree Sokam	94
5	deviprasanna pandi	98
6	DRUTHI SATHYANARAYANAREDDY	57
7	Edra Ashakumari	100
8	Gandhari Likitha	94
9	Gandikota Venkata Vinuthna	96
10	GeethaMadhuri Adla	100
11	j srinayana udayabhanu Reddy	97
12	Jesimitha Jakkinapally	95
13	Jilla Vaishnavi	92
14	Kaluva Srawanthi	94
15	Katamarajulu Praneetha	91
16	kavya Gunamgari	81
17	keerthi c	69
18	KEERTHI JANUMALA	94
19	KIRANMAYEE NEERUGANTI	95
20	L.THARUNI GOUD	97
21	Maneesha Peddinti	94
22	MANISSHA EEGA	100
23	MARAM NIKSHITHA	95
24	Meghana Vellanki	97
25	Neeli Varshini	98

26	NIKHITHA KONAPURAM	93
27	Palla Bhavani	100
28	Pendyala Harini	100
29	PERSIS A	81
30	pooja Boya	96
31	Poojitha Y	96
32	Pranathi Jambula	58
33	Pujitha Belli	81
34	Samaikya Kandimalla	96
35	SANVI PANUGOTHU	97
36	Sindhu R	98
37	Snehitha Bandaru	98
38	Soneshwari Banothu	94
39	Sowmya Pottigari	100
40	Srujana A	94
41	Sruthi Peddapatlolla	95
42	Suchitra Ramagalla	96
43	sushma kummari	97
44	t sathwika	100
45	Tanushree Palli	100
46	Tel Malavika	95
47	Thokala jyoshika Reddy	81
48	Vaishnavi Kandula	89
49	Varsha Lothukunta	86
50	Varsha Pittala	95
51	Vedavarshini Reddy P	100



Distribution of Certificates to Successfully Completed Students by Dr K. Rameshwariah – SPOC & Head – CSE & Mr B. Gopal Reddy – ICT Academy - State Head – Telangana.



OUTCOME:

Students got an awareness of the **Java Full Stack Development** and how to get ready for the interview through Soft Skills Training in their day-to-day.

ACTION PLAN:

Plan to conduct more Certification Programs on the latest Technologies for the benefit of students.

Faculty Coordinator

Head-CSE