K.S.R.COLLEGE OF ENGINEERING

(An Autonomous Institution)
Tiruchengode, Tamil Nadu – 637 215.

Event Schedule
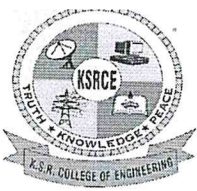
1	Name of the Event (Seminar/Workshop/Conference/FDP/Any other)	Value added course
2	Name of the Organizer	EEE Department
3	Date of Event	04.02.2019 to 26.02.2019
4	Platform	OFFLINE
5	Title of the Event	Value added course on Java Programming
6	Name of the Coordinators	Dr.M.Ramasamy & Dr.P.Sundravadivel
7	Total Participants	35
8	Objectives of the Event	To be successful completion of the event the participants have developed skill in Java Programming

CO-ORDINATOR

PRINCIPAL

Report on Value added course on Java Programming

(04.02.2019 to 26.02.2019)

In K.S.R.College of Engineering, Department of Electrical and Electronics Engineering conducted 23 days on Value added course on Java Programming. This programme was presided over by our vice chairman Thiru.R.srinivasan, our principal Dr.P.Senthilkumar, through offline mode.

Value added course on Java Programming was organized by department of Electrical and Electronics Engineering hands on with Mr.J.Asaithambi.J, Managing Director, Aaroan Technologies, Salem, was the Coordinators of this programme.

Java programming course will be introduced to powerful concepts such as functional abstraction, the object oriented programming (OOP) paradigm and Application Programming Interfaces (APIs). Examples and case studies will be provided so that they can implement simple programs on your own or collaborate with peers.

Emphasis is put on immediate feedback and on having a fun experience. Programming knowledge is not only useful to be able to program today's devices such as computers and smartphones. It also opens the door to computational thinking, i.e. the application of computing techniques to every-day processes.

CO-ORDINATOR

PRINCIPAL

AARON
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Assured Placements

Registered Office

Aaron Technologies

36, Mariamman Koil Street
Hasthampatty
Salem - 636 007
Tamil Nadu, INDIA

Ph: +91 427 4031707 / 4031909
Mob: +91 99431 15155, 99435 43515

Email: info@aarontec.com

Post Your Enquiry

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WELCOME TO THE AARON TECH

Aaron Technologies, a pioneer in IT & ITES sector is predominantly known for its World class training & result oriented outputs. We give paramount importance to the candidates who are aspiring for career development. We dedicate ourselves to get the latest technical know-how & impart to students who can face any technical challenges in the sphere of today's competitive world.

We offer a wide range of courses, which provides knowledge and transfer the skills based on a national and international opportunities basis. We are proud of our growing reputation as a provider of high quality training and increasing placement records.

Corporate Training

Apart from in-house training, we undertake corporate training to world-class companies in order to bring out their technical & interpersonal skills. Depending on the need of the hour, We formulate & intensively train the candidates to enhance their comprehensive capabilities.

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COURSES

Information Technology Courses

1. .NET
2. JAVA Programming
3. J2EE

JAVA Programming

Java is the high level programming language developed by Sun Microsystems. Similar to C++, Java has been simplified to eliminate language feature that cause common programming errors. The growing number of companies offering Java Enterprise application servers, the use of java for the development of reference implementations for XML and other W3C technologies illustrate the increasing commercial penetration of Java.

Technical consultant:
Contact Name: Asaithambi
Address: 36, IInd Floor,
Mariamman Koil Street,
Hasthampatty,
Salem - Pin Code- 636007
Phone: +919943115155,
Website: http://www.aarontec.com

Syllabus

1: Fundamentals of Programming.
- Course and Methodology Overview
- Core Programming Constructs: Scalar Types, if, while
- Code Reading and Fixing, Built-in Functions
- Programming Constructs: Lists, for
- Functional Decomposition
- Strings
- Code Reading and Fixing. Writing Functions
- Dictionaries and Sets
- Reading Files and Parsing
- Code Patterns and Idioms

2: Essentials of SQL.
- Relational Database Basics
- Simple SELECTs
- Advanced SELECTs
- Subqueries and Joins
- Database: No SQL database, difference between NO. SQL & relational database.
- Other DML Statements – DELETE, ALTER, INSERT.

3.Core Java
- Object-Oriented Programming
- Identifiers, Keywords, and Types
- Expressions and Flow Control
- Arrays
- Class Design
- Advanced Class Features
- Exception Handling
- Collections and Generics Framework
- Threading in java (memory management), how threads executing in JVM.
- File Handling using java.io Package
- Data format functions in java & java script.
- RegExpressions in java.

Web Basic HTML/CSS/JavaScript
- Basic HTML Tags
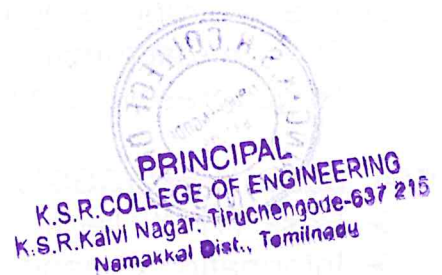- Information Organization – Lists, Tables, Forms

- ➢ Basic JavaScript
- ➢ Object-oriented JavaScript
- ➢ RegExpressions in java Script.
- ➢ Data format functions in java & java script.
- ➢ Enhancing Web Pages with CSS
- ➢ CSS – 3 basics.
- ➢ Java Script Profiling.
- ➢ Prototyping, Execution Context, apply call & blind methods,DOM,BOM, Variables scope,
- ➢ data types.
- ➢ CSS preprocess – How to create variables & how it works.
- ➢ Introduction to front-end framework like Jquery,Closure.
- ➢ HTML-5.
- ➢ Framework basics.
- ➢ Closure basics.

Advance Java.
- ➢ • Introduction to Java EE Platform
- ➢ • Java EE Component Model and Development Steps
- ➢ • Web Component Model
- ➢ • Introducing Web Server – Tomcat
- ➢ • Introduction to Java Servlets
- ➢ • Developing Web Applications using Session Management
- ➢ • Filters in Web Applications
- ➢ • Integrating Web Applications with Databases
- ➢ • Introduction to JSP
- ➢ • Developing JSP Pages
- ➢ • Introduction to struts with example.
- ➢ • The JSP Actions and Java Beans
- ➢ • Developing JSP Pages using Custom Tags
- ➢ • JSTL
- ➢ • Mini Project.(Web project with DAO's used)

6: Development To o l s .
- ➢ Eclipse IDE.
- ➢ Tracking tools.(Redmine,Trac,jira)
- ➢ Version Control System.(GIT,SVN)
- ➢ Tomcat server usage.

ASAITHAMBI J

Mob: 9943115155

Email id: aasaij@gmail.com

TRAINER PROFILE

Aasaithambi J., a professional trainer in IT skills has an extensive experience of over 15 years in the training industry coupled with more than 5 years' experience in software development and consulting services. He blends his experience in software development and his core training skills to conduct interactive training sessions that leave a lasting imprint in the minds of the learners with ample practical takeaways.

Summary

- Managing Director of Aaron Technologies, an IT/ITES Training & Solution provider, Salem & Ariyalur.
- Expertise in C , C++ ,Java Full stack and Python
- Specialized in Hands-on-training.
- Conducted training for diverse competency groups including corporates.
- Technical Aptitude Specialist facilitating clearing company recruitment tests.
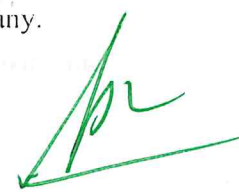
Academic Profile

- Masters of Business Administration
- Bachelor of Computer Application

Professional Expertise

Corporate

- Trained Accountants of Mahindra & Mahindra Financial Services Ltd., Chennai and Trichy, on advanced Excel skills.
- Conducted training on Communication Skills for Capgemini, Salem.
- Trained employees of NextOnTop Hi-Tech SoftSolution Pvt. Ltd., Bangalore on Java full stack.
- Trained employees of SP Spinning Mills in Java & J2EE, Salem
- Trained employees of Sambantham Spinning Mills in MS Office.
- Trained employees in Java for Gold & Silver Trading Company.

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Faculty Development Program

- Conducted guest lecture on J2EE at Faculty Development Program for Professors and Asst. Professors of MCA in Sona College of Technology, Salem

- Conducted Faculty Development Program for HODs, Professors and Asst. Professors in Audisankara Engineering College, Gudur, Andhra Pradesh

- Conducted Faculty development program in KSR College of Engineering, Tiruchengode.

- Conducted Faculty Development Program for Professors and Asst. Professors of CSE in MRK Engineering College

Workshops & Training for Engineering Students

Training modules conducted:
- Technical Aptitude
- Linux, C & C++
- Java & Java EE
- Python
- PHP & MySQL
- .NET
- Data Structures and Algorithms

Colleges:
- Panimalar group of Engineering Colleges, Chennai.
- Satyabama University, Chennai
- Savitha Engineering College, Chennai
- St. Joseph group of Engineering Colleges, Chennai.
- Saptagiri Engineering College, Bangalore.
- KSIT, Bangalore
- SDM Institute of Technology, Mangalore.
- Mangalore Institute of Technology and Engineering, Mangalore
- Raghu Engineering College, Visakapatinam, Andra Pradesh.
- NBKR Institute of Science and Technology, Gudur, AP.
- Audisankara group of Colleges, Gudur, AP.
- Shri Vidhyanikethan Engineering College, Tirupathi, AP.
- Sona Engineering College, Salem.
- Dhanalakshmi College of Engineering, Chennai.
- Bannari Amman Institute of Technology, Erode.
- KSR group of Engineering colleges, Tiruchengode.

and many more....

- Worked as a Software Consultant in CITEP, Trivandrum, for 2 years.

  Responsibilities

  - Pedagogy Training
  - Material Preparation
  - Curriculum design
  - Skill level mapping

- Worked as Programmer cum Trainer in Pentagon Global Solutions Ltd, Tirunelveli, for 5 years.

  Responsibilities

  - Developing office automation products
  - Guiding students for their projects
  - Conducted in-house training for Engineering students, Polytechnic students, Arts & Science students

Specialized in

Module designing

Skill level mapping

Cracking dumps from MNCs

Creating Code contest

Personal Profile

Name	:	ASAITHAMBI J.
Father's Name	:	JAYARAMAN N.
Sex	:	Male
Marital Status	:	Married
Nationality	:	Indian
Education	:	M.B.A.
Years of Experience	:	15 Years
Languages known	:	English, Tamil, Malayalam
Mobile	:	+91-99431-15155
E-mail	:	aasaij@gmail.com
Favorite Pastime	:	Designing Code contest for Engineering students.

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(An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai,
Accreditated by NAAC with 'A' Grade and ISO 9001:2008 Certified Institution)

R. SRINIVASAN B.B.M.,
Chairman cum Managing Trustee

Dr. P. SENTHIL KUMAR M.E., Ph.D.,(IITM)
Principal

Date: 27.02.2019

To

Mr.T.Aasaithambi,

Managing Director,

Aaroan Technologies,

Salem – 636007.

Sir,

Sub.: Letter of Appreciation – Reg.,

We glad to thank you very much for delivering an informative and thought providing lecture in the Value Added Course Titled "JAVA PROGRAMMING" jointly organised by the department of Electrical and Electronics Engineering during 04.02.2019 to 26.02.2019. We are looking forward for your cooperation for the promotion of professional education in future as well.

Thank You

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274213, 274741 Fax : 04288-274757 Email : info@ksrce.ac.in Web:www.ksrce.ac.in

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course (VAC) on Java Programming

04th February 2019 - 26th February 2019

LIST OF STUDENTS REGISTERED FOR THE COURSE

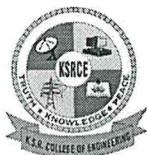| S.No.	REG. NO.	NAME OF THE STUDENT
1.	1614001	AJITHKUMAR M
2.	1614003	AMARNATH P
3.	1614004	ASHOKRAJ P
4.	1614006	DHANAPAL D
5.	1614007	DHARANI N
6.	1614008	DHIVAGAR S
7.	1614010	KANDEEPAN P
8.	1614011	KARTHICK V
9.	1614013	KARTHIKEYAN U
10.	1614014	KAVIN T
11.	1614015	KAVIYARASAN M
12.	1614016	KAVIYARASU D
13.	1614021	MANIMARAN R
14.	1614022	MOHAN M
15.	1614023	MOHANLAL V
16.	1614029	NAVEEN J
17.	1614030	NIVASHINI M
18.	1614033	PRASANTH R
19.	1614035	PRAVEENKUMAR P
20.	1614036	PRAVEENKUMAR S
21.	1614042	RAGURAJA R
22.	1614045	RAJAPRIYAN M
23.	1614046	RAJKUMAR K S
24.	1614047	RAMESH KANNAN S
25.	1614048	RAVICHANDRAN M
26.	1614052	SATHEESHKUMAR G
27.	1614055	SHARMILA B
28.	1614057	SRIDHAR P
29.	1614058	SRIDHAR T
30.	1614060	SURYA D
31.	1614061	SURYA PRAKASH S
32.	1614062	SUSHANTHI P
33.	1614066	VIGNESH D
34.	1614070	VIGNESH R
35.	1614071	VIJAYAKUMAR K

VENUE: Simulation Laboratory

Coordinator

HoD/EEE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course (VAC) on Java Programming

04th February 2019 - 26th February 2019

COURSE FEEDBACK FORM

(14)

Name of the Candidate: SURYA - D   **Register No.:** 1614060

Year / Semester: III / VI

Please fill the short Questionnaires to make the course better.

- -

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE COURSE

A. Were objectives of the course clear to you?
1. Strongly Disagree   5. Strongly Agree   **5**

B. The course contents met with your expectations
1. Strongly Disagree   5. Strongly Agree   **3**

C. The course contents met with your expectations
1. Strongly Disagree   5. Strongly Agree   **4**

D. The contents were illustrated with
1. Too few examples   5. Adequate examples   **5**

E. The level of the course was
1. Too low   5. Too high   **3**

F. The course contents compared with your expectations
1. Too theoretical   5. Too empirical   **2**

G. The course exposed you to new knowledge and practices
1. Strongly Disagree   5. Strongly Agree   **3**

H. Will you recommend this course to your friends?
1. Not at All   5. Very Strongly   **4**

THE CONDUCT OF THE COURSE

A. The lectures were clear and easy to understand
1. Strongly Disagree   5. Strongly Agree   **4**

B. The teaching aids were effectively used
1. Strongly Disagree   5. Strongly Agree   **3**

C. The course material handed out was adequate
1. Strongly Disagree   5. Strongly Agree   **4**

D. The instructors encouraged interaction and were helpful
1. Strongly Disagree   5. Strongly Agree   **3**

E. The level of the course was
2. Too low   5. Too high

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Signature of the Candidate

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(15)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Value Added Course (VAC) on Java Programming
04th February 2019 - 26th February 2019
COURSE FEEDBACK FORM

Name of the Candidate: DHARANI. N   **Register No.:** 1614007

Year / Semester: (II) / VI

Please fill the short Questionnaires to make the course better.

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE COURSE

A. Were objectives of the course clear to you? (5)

    1. Strongly Disagree   5. Strongly Agree

B. The course contents met with your expectations (4)

    1. Strongly Disagree   5. Strongly Agree

C. The course contents met with your expectations (4)

    1. Strongly Disagree   5. Strongly Agree

D. The contents were illustrated with (5)

    1. Too few examples   5. Adequate examples

E. The level of the course was (4)

    1. Too low   5. Too high

F. The course contents compared with your expectations (4)

    1. Too theoretical   5. Too empirical

G. The course exposed you to new knowledge and practices (5)

    1. Strongly Disagree   5. Strongly Agree

H. Will you recommend this course to your friends? (5)

    1. Not at All   5. Very Strongly

THE CONDUCT OF THE COURSE

A. The lectures were clear and easy to understand (4)

    1. Strongly Disagree   5. Strongly Agree

B. The teaching aids were effectively used (5)

    1. Strongly Disagree   5. Strongly Agree

C. The course material handed out was adequate (4)

    1. Strongly Disagree   5. Strongly Agree

D. The instructors encouraged interaction and were helpful (4)

    1. Strongly Disagree   5. Strongly Agree

E. The level of the course was (2)

    2. Too low   5. Too high

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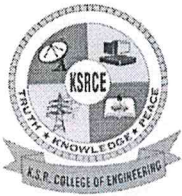K.S.R.Kalvi Nagar, Tiruchengode-637 215
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Signature of the Candidate

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course (VAC) on JAVA Programming

04th February 2019 - 26th February 2019

PHOTOGRAPHS OF THE PROGRAMME

Coordinator

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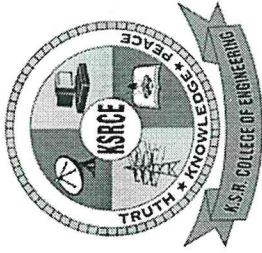K.S.R.Kalvi Nagar, Tiruchengode-637 215
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(Dr. M. Ramasamy)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE

Certificate of Qualification

KANDEEPAN P

of

EEE Department, K.S.R. College of Engineering

is fully qualified on the following areas of Java Programming

OOPS concepts, Basic Java constructs like loops and data types, String handling, Collection framework, Multithreading, Exception handling, Generics and Synchronization.

Course Duration: 04.02.2019 to 26.02.2019
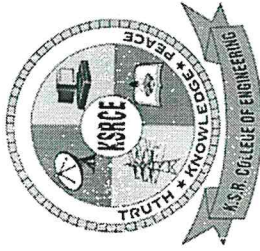
Date of Issue: 28.02.2019

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Principal

Dr.P.Senthilkumar

(30)

K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE

Certificate of Qualification

AMARNATH P

of

EEE Department, K.S.R. College of Engineering

is fully qualified on the following areas of Java Programming

OOPS concepts, Basic Java constructs like loops and data types, String handling, Collection framework, Multithreading, Exception handling, Generics and Synchronization.

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Principal
Dr.P.Senthilkumar