



**SRI VENKATESWARA COLLEGE OF
ENGINEERING (SVCE)**
(Autonomous, Affiliated to Anna University)
Pennalur, Sriperumbudur-602117



DEPARTMENT OF INFORMATION TECHNOLOGY

a

REPORT

On

Four Days Workshop on

**“Four Days Online Workshop on Web Development Using
Java - A Hands-on Approach”**

10/06/2020 to 13/06/2020

@ 8.30 pm to 10.00 am



SRI VENKATESWARA COLLEGE OF ENGINEERING

AN AUTONOMOUS INSTITUTION - AFFILIATED TO ANNA UNIVERSITY

PENNALUR, SRIPERUMBUDUR - 602117



DEPARTMENT OF INFORMATION TECHNOLOGY

in Association with

IEEE STUDENT BRANCH

Organizing



Four Days Online Workshop on Web Development Using Java

Date : 10.06.2020 to 13.06.2020

Time : 8.30 am to 10.00 am

Resource Person

Mr.S.S.Rahul ,

(IT ALUMNOUS)

Sr. Member Technical Staff,
GOFRUGAL Technologies.

Topics:

- Introduction to Web Services
- Web browser - Web server interaction
- Demo on Web browser - Web server interaction

Click Here to Register (Only Students can spot their Registration Here)

<https://forms.gle/jC1Do36HWLchsWXY6>

OR

Scan the QR Code



(E-Certificates will be provided for Active Participants)

CONVENER

Dr.V.Vidhya,

Prof. & Head of the Department
Department of Information Technology

CO-ORDINATORS

Ms.G.Sangeetha, AP/INT

Ms.A.Indumathi, AP/INT

Ms.N.Uma, AP/INT

For Further Queries: aindumathi@svce.ac.in , gsangeetha@svce.ac.in, numa@svce.ac.in

INVITATION TO CHIEF GUEST

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

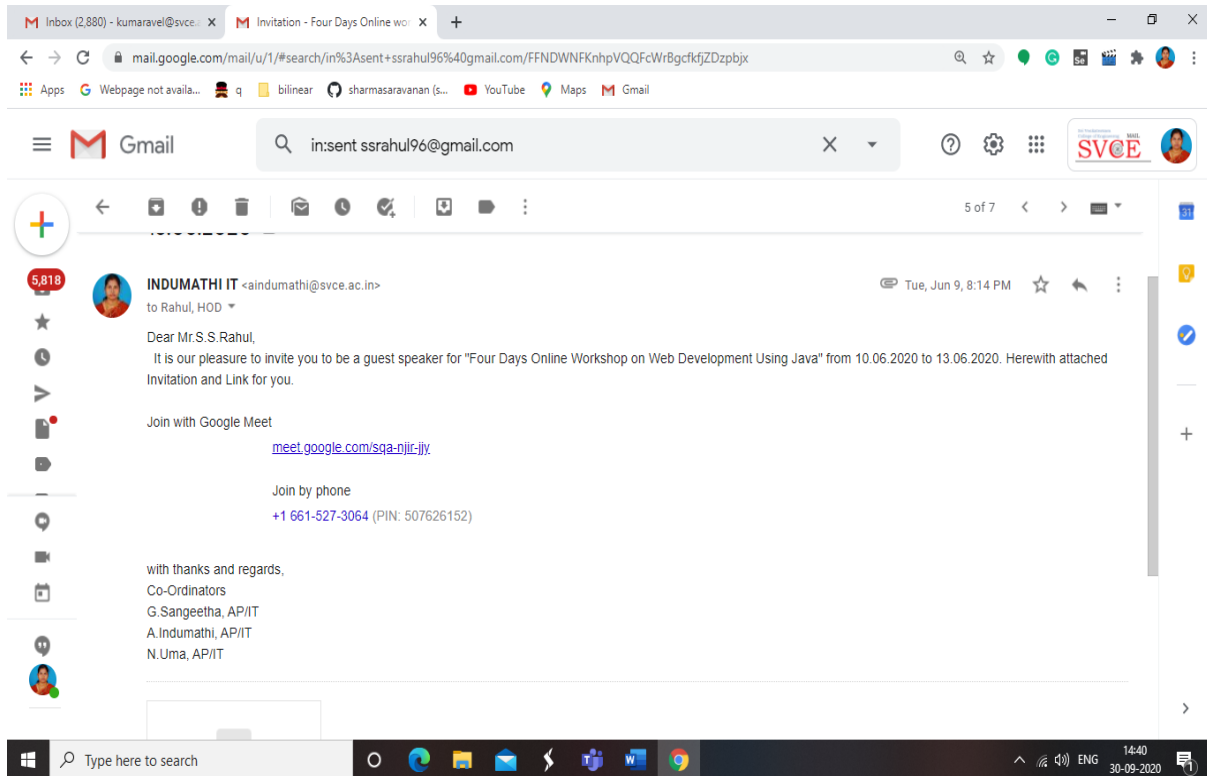
09 June 2020

To

Mr. S.S.Rahul

Sr. Member Technical Staff,

GOFRUGAL Technologies



LINK AND GUIDELINES SENT TO PARTICIPANTS

The screenshot shows a Gmail interface on a Windows desktop. The browser's address bar displays the search results for 'in:sent FOUR DAYS WORKSHOP ON'. The email in question is from INDUMATHI IT (a.indowathi@svce.ac.in) dated Wednesday, June 10, 8:28 AM. The subject line is 'Link - Four Days Online Workshop on Web development Using Java'. The email body contains the following text:

Dear Participants,
Herewith sending you the link for today's session

To join the video meeting, click this link: <https://meet.google.com/sqa-njir-jly>
Otherwise, to join by phone, dial +1 661-527-3064 and enter this PIN: 507 626 152#

with regards,
Co-Ordinators

At the bottom of the email, there are buttons for 'Reply', 'Reply all', and 'Forward'. The Windows taskbar at the bottom shows the time as 13:39 on 01-10-2020.

**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)
PENNALUR, SRIPERUMBUDUR-602117**

	Department of INFORMATION TECHNOLOGY	 INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)	 ISO 9001:2015 Certified by IRQS MGMT. SYS. RvA C 071
--	---	--	--

REPORT ON FOUR DAYS ONLINE WORKSHOP ON “WEB DEVELOPMENT USING JAVA”

Date: 10/06/2020 - 13/06/2020

Time: 8.30am - 10am

Objectives (Maximum 50 words):

- To learn about the protocols involved in Internet technology.
- To learn about the use of Java Technologies in Web development.
- To develop own Web Page and how to host own web site on the Internet.
- To understand the working concept of server-side java applications.

About the programme (Min 500 words):

The Department of Information Technology of SVCE in association with IEEE Student Branch organized Four Days online workshop on “Web development Using Java” from 10th June 2020 to 13th June 2020. Dr.V.Vidhya, HoD/INT, Students and Faculty members of SVCE and other colleges participated in the workshop. Dr.V.Vidhya, HoD/INT welcomed all the participants. The introductory speech about the speaker was rendered by Ms.G.Sangeetha, AP/INT. The speaker for the Workshop was Mr.S.S.Rahul,(IT Aluminous) Sr. Member Technical Staff, Gofrugal Technologies.

The purpose of the workshop was to make the participants very clear about the basics of Web development Using Java Technologies. The Internet is the backbone of the Web, the technical infrastructure that makes the Web possible. At its most basic, the Internet is a large network of computers which communicate all together. The first session of the workshop focused on “How internet works”.

The speaker started the session by explaining the basics of Internet and Web followed by how it works and demonstrated the same. He explained different HTML tags and showed demo on that. He gave a

clear definition about web pages, websites, web servers, and search engines. The basics of the Internet were explained with the introduction of DNS, Public IP address, Local IP address, IPv4, IPv6, and URL.

The Second day session started with Port forwarding concepts. The speaker, clearly explained how the clients and servers are protected from unauthorized access. He described about the port numbers and its usage with real time examples. Then, he described the theoretical concepts like, stateless protocol, statefull protocol, HTTP protocol, Multithreading Static and Dynamic Web pages are explained and demonstrated the same.

The third day session was started with Client Server architecture. He clearly explained how the client is able to get the response from the server with HTTP protocols. The communication protocol HTTP, its methods were explained with examples. And also, and also the basics of HTML, the details of the key Java EE technologies and how to leverage the strengths of each with special focus on Servlets and JSP were taught and demonstrated.

The Fourth day session was coding session. He demonstrated how the web page is created and can be published with HTML, JSP and Servlets. All these demonstrations are done with Apache Netbeans 12.0 and the standard application server Tomcat. Overall, the workshop was quite interactive, interesting and meaningful one.

The Webinar came to an end with the Vote of Thanks by Ms.A.Indumathi, AP/INT, Webinar Coordinator. Dr.V.Vidhya thanked the speaker for making wonderful presentation and hands-on and all the participants for their active participation. 22 internal students, 2 internal Faculty, 26 external students (Total:50) participated in the workshop.

Benefits (Maximum 50 words):

- Participants learnt about basics of web page development.
- Demonstrated the concepts of static and dynamic web pages.
- Trained to design and develop web-pages and web-applications.

Memories:

Day – 1

The screenshot shows a Google Drive interface with a video player. The video is titled "Four Days Online Workshop on Web deve... sing Java (2020-06-09 at 20:16 GMT-7)". The video content is a presentation slide with the following text:

What is Internet ?

- A global computer network providing a variety of information and communication facilities, consisting of interconnected networks using standardized communication protocols.

The video player shows a progress bar at 1:03 / 2:47:03. The interface includes a sidebar with navigation options like "New", "Priority", "My Drive", "Shared with me", "Recent", "Starred", "Trash", and "Storage". The taskbar at the bottom shows several open applications and the system clock indicating 23:28 on 30-09-2020.

- New
- Priority
- My Drive
- Shared with me
- Recent
- Starred
- Trash
- Storage
- 12.7 GB used

The screenshot shows a Google Slides presentation in a web browser. The slide is titled "What is Internet ?" and features a large orange semi-circle on the left. The text on the slide reads: "A global computer network providing a variety of information and communication facilities, consisting of interconnected networks using standardized communication protocols." The browser's address bar shows a URL from slideshare.net. The presentation interface includes a top menu bar with options like "File", "Home", "Insert", "Draw", "Design", "Transitions", "Animations", "Slide Show", "Review", "View", and "Help". A sidebar on the left shows a thumbnail view of the presentation slides. A notification box in the bottom right corner of the slide area says "You're presenting to everyone".

This block shows a video call interface. It features a circular profile picture of a man with glasses and a white shirt. Below the profile picture, the name "Rahul Somasundaram" is displayed. The background is dark, and there are some faint icons on the right side of the interface.

1:03 / 2:47:03

CC Settings Full Screen

Day 2

Four Days Online Workshop on Web development Using Java (2020-06-10 at 20:02 GMT-7)

The screenshot displays the TP-Link Archer C6 web management interface. The 'Basic' tab is selected, showing the following configuration details:

- Internet:** MAC Address: 68-FF-7B-98-4A-16, IP Address: 192.168.1.2, Subnet Mask: 255.255.255.0, Default Gateway: 192.168.1.1, Primary DNS: 13.235.136.127, Secondary DNS: 1.1.1.1, Connection Type: Static IP.
- Wireless:** Network Name (SSID): Rahul_HOME, Wireless Radio: On, Mode: 802.11n only, Channel Width: Auto, Channel: Auto (Current Channel 1), MAC Address: 68-FF-7B-98-4A-15, WDS Status: Disabled.
- LAN:** MAC Address: 68-FF-7B-98-4A-15, IP Address: 192.168.0.1, Subnet Mask: 255.255.255.0.
- Guest Network:** Network Name (SSID): TP-Link_Guest_4A15, Hide SSID: Off, Wireless Radio: Off.

The interface also includes a sidebar menu with options like Status, Network, Operation Mode, Wireless, Guest Network, Parental Controls, QoS, Security, and NAT Forwarding. The video player shows a timestamp of 12:18 / 1:45:32.

Day 3

sqj-njir-jjy (2020-06-11 at 20:04 GMT-7)

The screenshot shows a Microsoft PowerPoint presentation titled 'Day3'. The main slide displays a diagram of a Service Registry architecture:

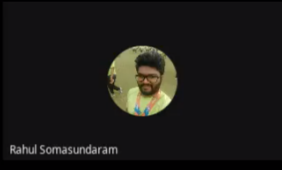
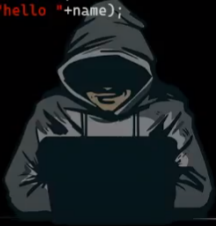
- Service Registry:** A central yellow cylinder at the top.
- Service Consumer:** A green oval at the bottom left.
- Service Provider:** A pink oval at the bottom right.
- Interactions:** A line connects the Service Consumer to the Service Registry, labeled '2 Discover'. A line connects the Service Provider to the Service Registry, labeled '1 Publish'. A line connects the Service Consumer to the Service Provider, labeled '3 Invoke' and 'Request/Response'.

The diagram is presented in a slide show window. The video player shows a timestamp of 0:48 / 42:20.

Day 4

sqa-njir-jyy (2020-06-12 at 20:07 GMT-7)

```
import java.util.*;
public class FirstClass{
    public static void main(String... a){
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter your name : ");
        String name = sc.nextLine();
        System.out.println("hello "+name);
    }
}
```

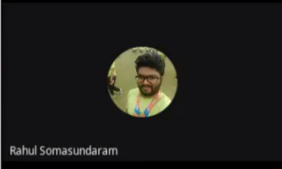


Rahul Somasundaram

0:06 / 1:34:41 [CC] [Settings] [Fullscreen] [Share]

- Blank Quiz (Respo....pdf)
- AICTE-CII SURVEY....rar
- MTI NO_414047....mp4
- per-aohf-jyy (202....mp4)
- SVCE-EEE-PATHW....sbv
- Show all

```
1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package com.mycompany.mysecondwebproject;
7
8 import java.util.ArrayList;
9 import java.util.List;
10
11 /**
12  *
13  * @author admin
14  */
15 public class Provider {
16
17     private static List<String> NAMES_LIST = new ArrayList<>();
18
19     public String getValue() {
20         return "hello";
21     }
22
23
24     public void addName(String name){
25         NAMES_LIST.add(name);
26     }
27
28
29
30 }
```

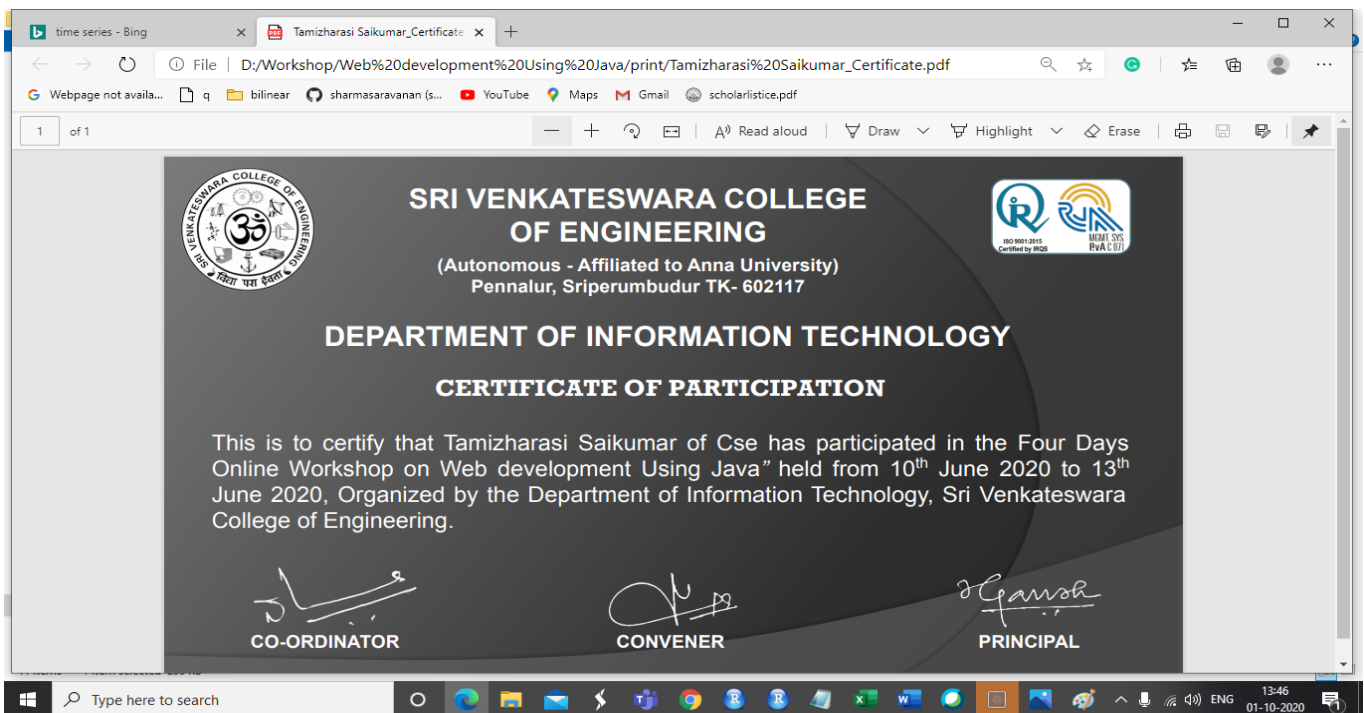
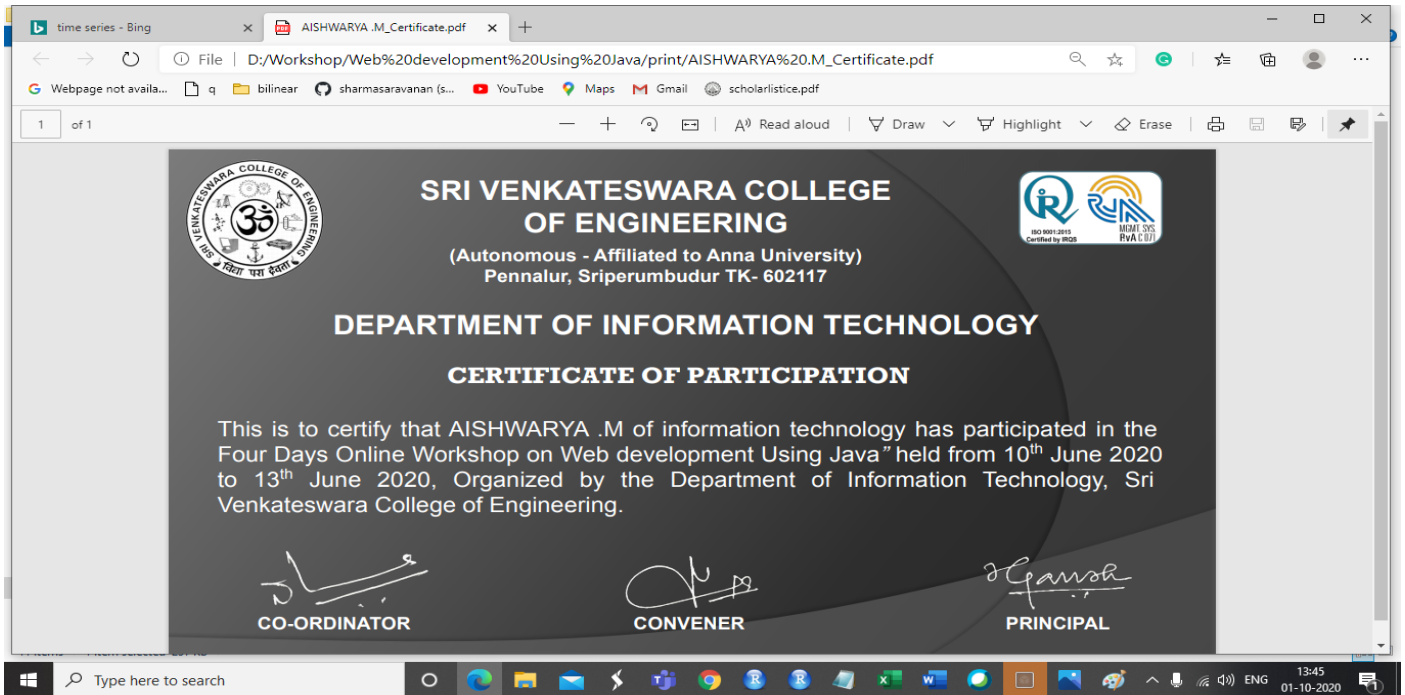


Rahul Somasundaram

per-aohf-jyy (2020-06-22 at 02:27 GMT-7).mp4

- Blank Quiz (Respo....pdf)
- AICTE-CII SURVEY....rar
- MTI NO_414047....mp4
- per-aohf-jyy (202....mp4)
- SVCE-EEE-PATHW....sbv
- Show all

CERTIFICATE SAMPLE



Coordinators:

1. Ms.G.Sangeetha, Assistant Professor,/Information Technology
2. Ms.A.Indumathi, Assistant Professor,/Information Technology
3. Ms.P.Meenakshi, Assistant Professor,/Information Technology.

HOD/INT