

DEPARTMENT OF INFORMATION TECHNOLOGY

Event Report

Academic Year 2020-21, Semester-I

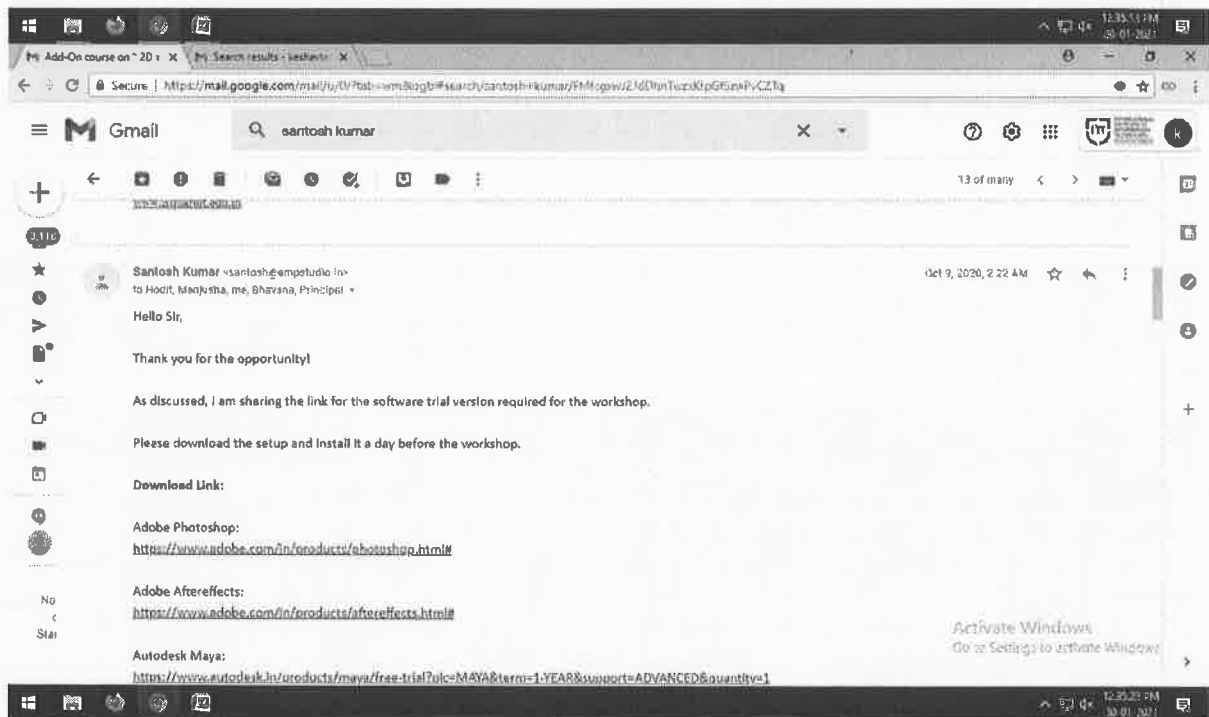
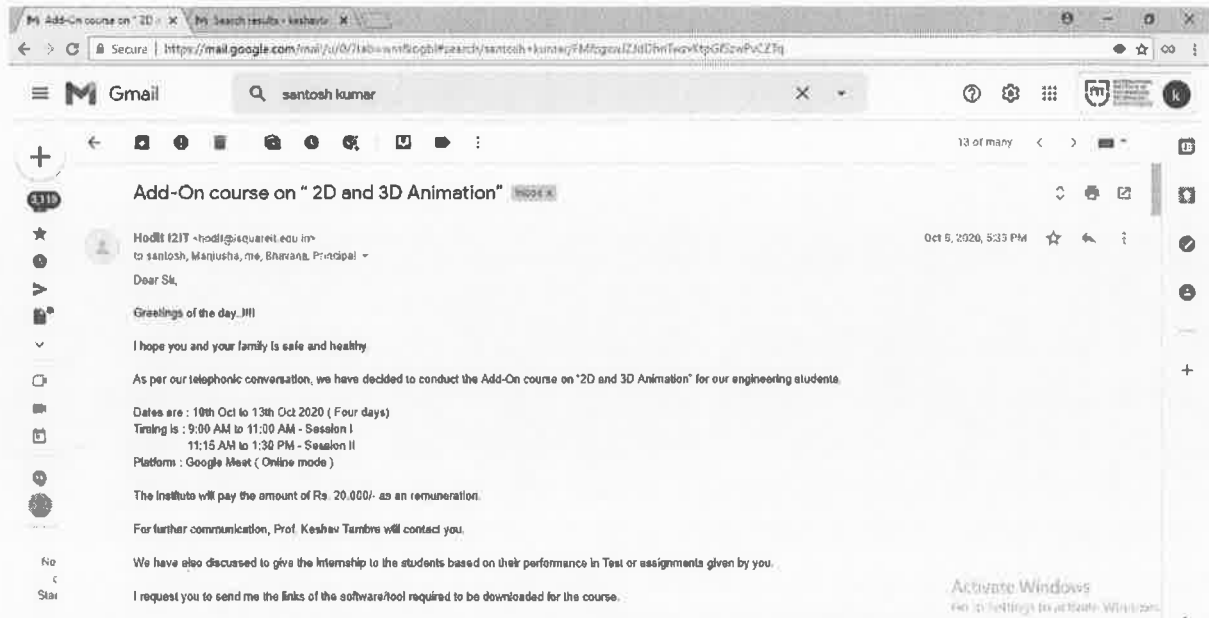
Date: 14/10/2020

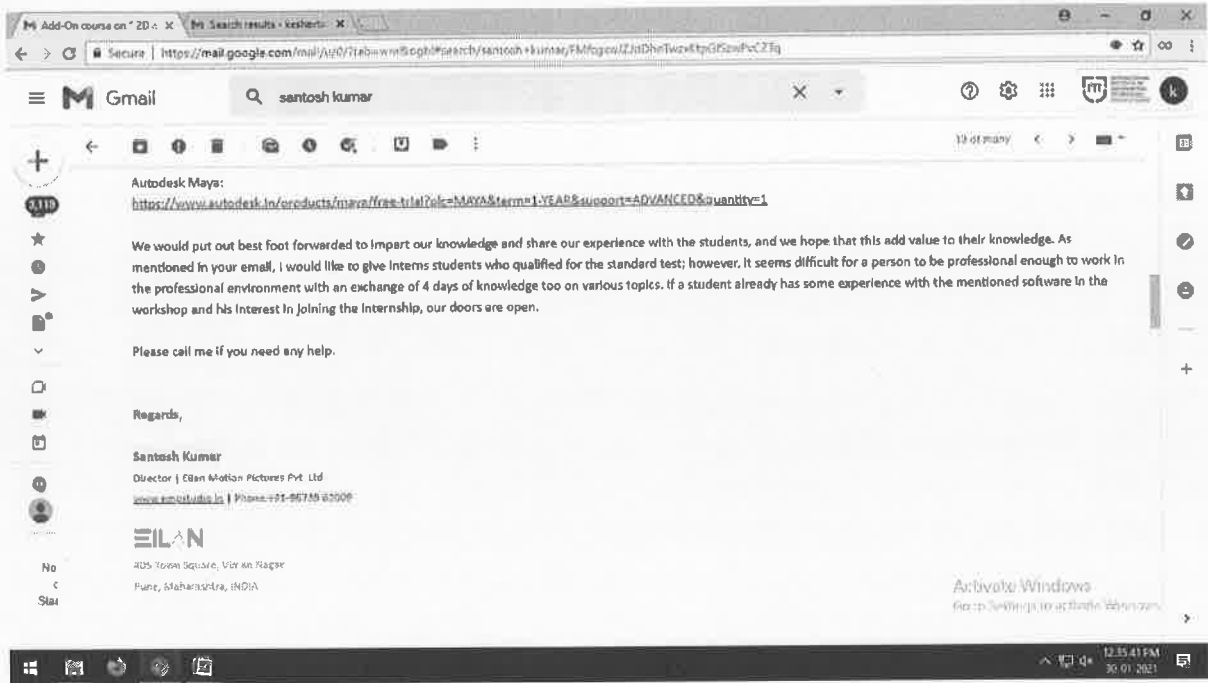
Name of HoD: Prof. Sarang Anil Saoji

Name of Event Coordinator (s): Prof. Tambre Keshav

1. **Name of Event:** Add on Course on 2D & 3D Animation
2. **Date of Execution:** 10/10/2020 to 13/10/2020
3. **Duration of Event (hours/day):** 8Hours/Day
4. **Number of Participants:** 104 & 01 faculty member
5. **Sanctioned Budget (if applicable):** Rs. 20000 /-
6. **Total Expenditure:** Rs. 20000 /-
7. **Enclosures (check list):** Tick

✓	Permission from Head of Institute
-	Flyer (if any)
	Expert Person Profile
	Registration Details
✓	Expense Details with Receipts
✓	Photographs
✓	Attendance Sheets
✓	EO-PO/PSO Attainment







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Hope Foundation's
International Institute of Information Technology (I²IT)
Hinjawadi, Pune- 411057

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2020-21, Semester-I

Date: 09/10/2020

To
The Principal,
Hope Foundation's International Institute of Information Technology, Pune-57

Subject: Permission for the Add on Course on 2D & 3D Animation

Respected Madam,

With respect to the above subject, department of Information Technology is organizing the Add on Course from 10/10/2020 to 13/10/2020 at I²IT, Pune for SE/TE students on 2D & 3D Animation. Duration of the event is (hours/days) 5hrs/day starting on the date 10/10/2020 at 9:00 am.

The resource person details:

Name of the Expert: Mr Santosh Kumar

Affiliation/Designation: Founder/ Director

Name of the Industry/Organization: **Eilan Motion Pictures Pvt. Ltd**

Email ID: santosh@empstudio.in

Contact Number: 9673962009

Remuneration required (if applicable): Rs-20000/-

Objectives of the Event

EOB1: To familiarize the students with various approaches, methods and techniques of Animation Technology.

EOB2: To develop competencies and skills needed for becoming an effective Animator.

EOB3: Exploring different approaches in computer animation

EOB4: To train students in applying laws of human motion and psychology in 2-D or 3-D

Outcomes of the Event:

EO1: Various aspects of animation using a variety of 2 dimensional software

EO2: Developing concepts and production of several 2 dimensional animations will be accomplished

EO3: Understand and apply the basic principles, techniques, and algorithms for generating and interacting with simple graphical objects on a display screen

EO4: Students learn to work within virtual 3-D space and build volumetric objects including: primitive shapes and Sub Patch geometry



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EO-PO Mapping Matrix

EO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	2	2	2	2	2				-	-	-	1	2	-	1	-
EO2	2	2	2	2	2				-	-	-	1	2	-	1	-
EO3	2	2	2	2	2				-	-	-	1	2	-	1	-
EO4	2	2	2	2	2				-	-	-	1	2	-	1	-

We request you to grant us the permission with reference to the subject mentioned above.

Mr. Tambre Keshav
Event Coordinator

HoD

CC: (1) Department (2) Accounts



**Hope Foundation's
International Institute of Information Technology (I²IT),
Pune**

P-14, Rajiv Gandhi Infotech Park, Phase-I, Hinjawadi, Pune-411057

Department of Information Technology

Day 1: Intro

1. Introduction to animation, games, and VFX industry
2. Existing and upcoming technology in animation pipelines
3. Brief of animation pipeline: Pre-Production, Production, and Post-Production
4. Exercise: Design and Storyboarding

Day 2: 2D Animation

1. Introduction to Adobe Photoshop
2. Industry importance and demand
3. Demo: Working with Adobe Photoshop, interface, tools, and techniques
4. Exercise: Product photo retouch and enhancement for advertising

Day 3: VFX and Post-Production

1. Introduction to Adobe After Effects
2. Industry importance and demand
3. Demo: Working with Adobe After Effects, interface, tools, and techniques
4. Exercise: Background replacement in Croma video (Eg: News Room Setup)

Day 4: 3D Animation

1. Introduction to Autodesk Maya
2. Industry importance and demand
3. Demo: Working with Autodesk Maya, interface, tools, and techniques
4. Exercise: Modeling with basic shapes (Eg: Study Table set)



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Student Attendance for Add on Course on " 2D & 3D Animation"

SE IT

Rollno	First Name	Last name	10-Oct		11-Oct		12-Oct		13-Oct	
			Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
SI01	AAYUSH	MUNSHI	A	A	A	A	A	A	P	P
SI02	ADINATH	KOLHAPURE	P	P	P	P	P	P	A	A
SI03	ADITYA	NAWALE	P	P	P	P	P	P	A	A
SI04	ADITYA	KOLEKAR	P	P	P	P	P	P	A	A
SI05	AISHWARYA	GHATGE	P	P	P	P	P	P	P	P
SI06	AISHWARYA	BORADE	P	P	P	P	P	P	P	P
SI07	AKHIL	BHALERAO	A	A	A	A	A	A	A	A
SI08	AKHILESH	PINGLE	A	A	A	A	A	A	A	A
SI09	AKSHADA	DANI	A	A	P	P	A	A	A	P
SI10	ANAND	TARTE	P	P	P	P	A	A	A	A
SI11	ANKIT	GUNJAL	P	P	P	P	A	A	A	P
SI12	ARYA	PATHRIKAR	P	P	P	P	P	P	P	A
SI13	ARYA	BAGDE	P	P	P	P	P	P	P	A
SI14	ASEEM	KHANDEKAR	P	P	P	P	P	P	P	A
SI15	ASHUTOSH	JADHAV	A	A	A	A	A	A	A	A
SI16	ASMITA	MOHITE	A	A	P	P	A	A	A	A
SI17	ATHARVA	KOKARE	P	P	P	P	P	P	P	A
SI18	BHAVESH	JOSHI	P	P	P	P	P	P	P	P
SI19	DAMINI	PATIL	A	A	P	P	A	A	P	A
SI20	DIBYANSU	SAHOO	A	A	A	A	A	A	A	A
SI21	DNYANESHWAR	PAWAR	A	A	A	A	A	A	A	A
SI22	GUNJAN	AGRAWAL	P	P	P	P	P	P	P	P
SI23	HIMANSHU	MAHALLE	A	A	A	A	A	A	A	A
SI24	JAGRUTI	PATEL	A	A	P	P	P	P	A	A
SI25	JANHAVI	PAWAR	P	P	P	P	P	P	P	P
SI26	JANVI	NANDRE	P	P	P	P	P	P	P	P
SI27	JITWAR	KURHADE	P	P	A	A	P	P	A	P
SI28	KHOOSHI	THOLE	P	P	P	P	P	P	P	P
SI29	KHUSHI	DHAKHE	P	P	P	P	P	P	P	P
SI30	MAHESH	BANDEWAR	P	P	P	P	P	P	P	A
SI31	MANAS	TOLE	P	P	P	P	A	A	P	P
SI32	MANAV	KHAKHI	A	A	A	A	A	A	A	A
SI33	MAYUR	TUNGAR	A	A	A	A	A	A	A	A
SI34	MRUNAL	CHOUDHARI	P	P	P	P	P	P	P	P



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Student Attendance for Add on Course on " 2D & 3D Animation "

SE IT

Rollno	First Name	Last name	10-Oct Session I	10-Oct Session II	11-Oct Session I	11-Oct Session II	12-Oct Session I	12-Oct Session II	13-Oct Session I	13-Oct Session II
SI35	NEEDHI	PATIL	P	P	P	P	P		P	P
SI36	NIKITA	RATHOD	P	P	P	P	P	P	P	P
SI37	NIKITA	VERMA	P	P	P	P	P	P	P	P
SI38	OM	LACHAKE	P	P	P	P	P	P	P	P
SI39	OM	GOSAVI	P	P	P	P	P	P	P	P
SI40	PARTH	PATIL	P	P	P	P	P	P	P	P
SI41	PIYUSHA	VYAVAHARE			P	P		P		
SI42	PRANAV	MAHADIK	P	P	P	P	P	P	P	P
SI43	PRANAY	MALUSARE	P	P			P	P		P
SI44	PRUTHVI	INAMKE	P	P	P	P	P	P	P	P
SI45	PUSHKAR									
SI46	RADHIKA	BHUTRA	P	P	P	P	P	P	P	P
SI47	RAJ	BALANI								
SI48	RIA	NAIR	P	P	P	P	P	P		P
SI49	ROHINI	PAWAR								
SI50	ROHIT	CHOUDHARY	P	P			P		P	
SI51	RUCHA	LENDE	P	P	P	P	P	P		
SI52	RUTUJA	MUSALE	P	P						
SI53	SAMARTH	AHER								
SI54	SAMYAK	SAHOO	P	P						
SI55	SANKET	DHAWALE	P	P	P	P	P	P	P	P
SI56	SAURABH	PATRA			P					
SI57	SAURABH	PARDESHI			P					
SI58	SHREYASH	SHARMA								
SI59	SHRUTI	JADHAV	P	P	P	P	P	P	P	P
SI60	SIDDARTH									
SI61	SIDDHESH	MHATRE	P	P	P	P	P			
SI62	SWARNIM				P	P		P		
SI63	TEJAS	SOLE	P	P	P					
SI64	VAISHNAVI	KHAMKAR	P	P	P	P	P	P		
SI65	VARSHITHA		P	P	P	P		P	P	
SI66	VIKRANT	KOLI	P	P	P	P	P	P		P
SI67	YASHASHREE	MAHALE	P	P	P	P	P	P		



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Student Attendance for Add on Course on " 2D & 3D Animation "

TE IT

Roll No	Name of Student	10-Oct	10-Oct	11-Oct	11-Oct	12-Oct	12-Oct	13-Oct	13-Oct
		Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
TI01	AADESH	P	P	P	P	P	P	P	P
TI02	AASHUTOSH	A	A	A	A	A	A	A	A
TI03	AAYOU	A	A	A	A	A	A	A	A
TI04	ABHISHEK	P	P	P	P	P	P	P	P
TI05	ABHISHEK	P	P	P	P	P	P	P	P
TI06	AISHWARYA	P	P	P	P	P	P	P	P
TI07	AJINKYA	P	P	P	P	P	P	P	P
TI08	AMEY	A	A	A	A	A	A	A	A
TI09	ANIKET	P	P	P	P	P	P	P	P
TI10	ANKITA	P	P	P	P	P	P	P	P
TI11	ANSHIKA	P	P	P	P	P	P	P	P
TI12	ANURAG	P	P	P	P	P	P	P	P
TI13	ANURAG	P	P	P	P	P	P	P	P
TI14	ANUSHKA	P	P	P	P	P	P	P	P
TI15	ATHARVA	P	P	P	P	P	P	P	P
TI16	AVANI	P	P	P	P	P	P	P	P
TI17	BHAVESH	P	P	P	P	P	P	P	P
TI18	BHAVINI	P	P	P	P	P	P	P	P
TI19	CHIRAG	P	P	P	P	P	P	P	P
TI20	DAKSH	P	P	P	P	P	P	P	P
TI21	AKASH	A	A	A	A	A	A	A	A
TI22	DEEPAK	P	P	P	P	P	P	P	P
TI23	DEEPAK	P	P	P	P	P	P	P	P
TI24	DHANSHRI	P	P	P	P	P	P	P	P
TI25	GAYATRI	P	P	P	P	P	P	P	P
TI26	HARDIK	P	P	P	P	P	P	P	P
TI27	HET	A	A	P	P	A	A	A	A
TI28	HIMANSHU	A	A	A	A	A	A	A	A
TI29	JAGRUTI	A	A	P	P	P	P	P	P
TI30	KAMAL	A	A	P	P	P	P	P	P



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Department of Information Technology

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TEIT

Roll No	Name of Student	10-Oct		11-Oct		12-Oct		13-Oct	
		Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
TI31	KIRTI	A	A	A	A	A	A	A	A
TI32	KOMAL	P	P	P	P	A	A	P	P
TI33	KOUSHIK	A	A	A	A	A	A	A	A
TI34	KRITIKA	P	P	A	A	A	A	A	A
TI35	LAVANYA	P	P	P	P	P	P	A	P
TI36	LAVISH	P	P	P	P	P	P	A	A
TI37	LOKESH	P	P	P	P	P	P	A	A
TI38	NAMRATA	A	A	A	A	A	A	A	A
TI39	NIHARIKA	A	A	P	P	A	A	A	P
TI40	NIKHIL	A	A	A	A	A	A	A	P
TI41	OMKAR	P	P	P	P	P	P	A	A
TI42	PALVI	P	P	P	P	P	P	A	P
TI43	NIKET	A	A	A	A	A	A	A	A
TI44	Prachi	A	A	A	A	A	A	A	A
TI45	POOJA	A	A	A	A	A	A	A	A
TI46	PRADYUMNA	P	P	P	P	P	P	P	P
TI47	PRANAV	P	P	P	P	P	P	P	P
TI48	PRATEEK	P	P	A	A	A	A	A	A
TI49	PRATHAMESH	P	P	P	P	P	P	A	P
TI50	PRATIBHA	P	P	P	P	P	P	P	P
TI51	PRATIK	A	A	A	A	A	A	A	A
TI52	PRATI KSHA	A	A	P	P	P	P	A	P
TI53	PREETI	A	A	P	P	A	A	A	A
TI54	RADHIKA	P	P	P	P	P	P	P	P
TI55	RAJNI	A	A	A	A	A	A	A	A
TI56	RATIKESH	A	A	A	A	A	A	A	A
TI57	RIYA	P	P	A	P	A	A	P	A
TI58	RUPESH	A	A	P	P	P	P	A	A
TI59	SAHEB	A	A	A	A	A	A	A	A
TI60	SAKET	P	P	A	P	A	A	A	A



Department of Information Technology

Student Attendance for Add on Course on " 2D & 3D Animation "

TE IT

Roll No	Name of Student	10-Oct Session I	10-Oct Session II	11-Oct Session I	11-Oct Session II	12-Oct Session I	12-Oct Session II	13-Oct Session I	13-Oct Session II
TI61	SAKSHI	A	A	P	P	A	P	P	P
TI62	SAMIKSHA	P	P	P	P	A	P		P
TI63	SANDESH	A	A	A	A	A	A	A	P
TI64	SANTOSH	P	P	P	P	A	A	P	P
TI65	PRATHMESH	A	A	A	A	A	A	A	P
TI66	RAMESH	A	A	A	A	A	A	A	A
TI67	SANVED	A	A	A	A	A	A	A	A
TI68	SAYALI	P	P	P	P	P	P	A	A
TI69	SHARAYU	P	P	P	P	P	P	A	A
TI70	SHIVAM	P	P	P	P	P	P	A	P
TI71	SHREYA	A	A	P	P	P	P	A	P
TI72	SHREYAS	P	P	A	A	A	P	A	A
TI73	SHRIKANT	A	A	P	P	P	P	P	P
TI74	SHRUTI	P	P	P	P	P	P	P	P
TI75	SHUBHAM	A	A	P	A	P	P	P	P
TI76	SHUBHAM	A	A	P	A	P	P	A	P
TI77	SIDDHANT	A	A	P	P	P	P	A	P
TI78	SIDDHARTH	A	A	P	P	P	P	P	P
TI79	SIDDHI	P	P	P	A	P	P	A	A
TI80	SIDDHI	P	P	P	P	P	P	A	A
TI81	SNEHA	P	P	P	P	P	P	A	A
TI82	SOURABH	P	P	P	A	A	A	A	A
TI83	SURAJ	A	A	A	A	A	A	A	A
TI84	SWATI	A	A	P	P	P	P	A	P
TI85	TANISHQ	A	A	P	P	A	P	A	A
TI86	YASH	P	P	P	A	A	A	A	A
TI87	TAPISH	A	A	A	A	A	A	A	P



Hope Foundation's
**International Institute of
Information Technology (I²IT)**

P-14 Rajiv Gandhi InfoTech Park, Phase-I, Hinjawadi, Pune-57

Department of Information Technology

Academic Year 2020-2021

Date: 14/10/2020

Report

2D and 3D Animation

The course contained everything we need to know to make full use of the world's most popular graphics editing program -- Adobe Photoshop. Adobe Photoshop is a complex graphics and image editing software and paint program.

Topics course covered:

- Easily navigate Photoshop's interface to find what you need
- Crop and resize images
- Work with color to edit and manipulate images
- Combine aspects of several images into one professional image
- Work with layers
- Add text to images
- Create and use gradients
- Use the new Content-Aware feature to remove objects from images without leaving a space – or making it look like the image was edited
- How to select objects easier
- How to use filters to manipulate the look and feel of images

Adobe After Effects:-

This course covered how to successfully use After Effects, no matter if students have ever used the program before or not. The course started with the basics of the program including navigation and continue to more advanced features, including:

- The basics of creating projects, compositions, and layers
- Importing footage, including video, audio, and still images
- Creating special effects using the Effects menu
- Creating animation for shapes, objects, and layers
- Adding and animating text
- Drawing shapes
- Animating shapes
- Working in 3D
- Extracting and removing objects from layers

meet.google.com/ubg-fjzq-pwv

REC shivam mahadik is presenting

People (75)

Let everyone send messages

done

pranav tupe 12:41 PM
done

Aseem Khandekar 12:42 PM
done

bhavesh joshi 12:42 PM
Done

komal deore 12:42 PM
yes sir
can i share?

Pruthvi Inamke 12:45 PM
can i share need??

Send a message to everyone

... santosh kumar ... shivam mahadik ... Avani Shete ... Varaditha ... keshav tambe ... bhavesh joshi ... Pruthvi Inamke

meet.google.com/ubg-fjzq-pwv

REC

People (70)

Chat

atharva pawar

Avani Shete

bhavesh bhadane

bhavesh joshi

bhavini patil

Daksh Patel

deepak shingade

gunjan agrawal

harshil patel

Janhavi Pawar

... santosh kumar ... Varaditha ... keshav tambe ... bhavesh joshi ... shivam mahadik ...

Add on Course Sessi... ^

Turn on captions

Present now

12:43 PM 10/10/2020



Hope Foundation's
INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY (I²IT)
P-14, Rajiv Gandhi Infotech Park, Phase - I, Hinjawadi, Pune - 411 057

Hope Foundation's
INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY (I²IT)
P-14, Rajiv Gandhi Infotech Park, Phase - I, Hinjawadi, Pune - 411 057

EILAN

Certificate of Participation

This is to certify that

Aadesh Jadhav

participated in four days Add-On course "2D & 3D Animation"
held on 10th to 13th Oct 2020 organized by the Department of
Information Technology, Hope Foundation's International Institute of
Information Technology (I²IT), Pune.

Prof. Sarang Saoji
HoD (IT)

Mr. Santosh Kumar
Director- Eilan Motion Pictures Pvt. Ltd.

Dr. Vaishali Patil
Principal



Innovation & Leadership

Hope Foundation's

International Institute of Information Technology

Department of Information Technology

Feedback of Add on Course "2D & 3D Animation "

Academic Year 2020-21

Timestamp	Email Address	1. Various aspects of animation using a variety of 2 dimensional software	2. Developing concepts and production of several 2 dimensional animations will be accomplished	3. Understand and apply the basic principles, techniques, and algorithms for generating and interacting with simple graphical objects on a display screen	4. Students learn to work within virtual 3-D space and build volumetric objects including: primitive shapes and Sub Patch geometry
10-22-2020 15:12:48	varshithar_t19008@students.isquareit.edu.in	Very Good	Excellent	Excellent	Very Good
10-22-2020 15:14:10	siddheshm_t19005@students.isquareit.edu.in	Excellent	Excellent	Excellent	Very Good
10-22-2020 15:15:33	mrunal_t19002@students.isquareit.edu.in	Very Good	Very Good	Excellent	Very Good
10-22-2020 15:16:32	abhishek_t18014@students.isquareit.edu.in	Excellent	Very Good	Very Good	Very Good
10-22-2020 15:19:51	janvin_t19026@students.isquareit.edu.in	Good	Good	Good	Very Good
10-22-2020 15:20:56	piyushav_t19065@students.isquareit.edu.in	Very Good	Good	Good	Very Good
10-22-2020 15:21:00	atharvak_t19052@students.isquareit.edu.in	Good	Good	Good	Very Good
10-22-2020 15:36:55	pns862000@gmail.com	Very Good	Good	Good	Satisfactory
10-22-2020 15:38:09	anushkad_t18024@students.isquareit.edu.in	Very Good	Very Good	Excellent	Satisfactory
10-22-2020 15:39:43	avanipshete08@gmail.com	Excellent	Excellent	Very Good	Very Good
10-22-2020 15:39:14	bhavinip_t18043@students.isquareit.edu.in	Excellent	Excellent	Very Good	Good
10-22-2020 15:41:32	sharayup_t18016@students.isquareit.edu.in	Very Good	Very Good	Excellent	Excellent
10-22-2020 15:48:09	komaldeore97@gmail.com	Good	Good	Good	Very Good
10-22-2020 15:49:40	siddhiasonar@gmail.com	Excellent	Excellent	Good	Good
10-22-2020 15:50:59	riturajput2112000@gmail.com	Excellent	Very Good	Very Good	Excellent
10-22-2020 15:52:20	lavanya.bodele@gmail.com	Excellent	Excellent	Excellent	Excellent



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Department of Information Technology

Feedback of Add on Course "2D & 3D Animation "

Academic Year 2020-21

Timestamp	Email Address	1. Various aspects of animation using a variety of 2 dimensional software	2. Developing concepts and production of several 2 dimensional animations will be accomplished	3. Understand and apply the basic principles, techniques, and algorithms for generating and interacting with simple graphical objects on a display screen	4. Students learn to work within virtual 3-D space and build volumetric objects including: primitive shapes and Sub Patch geometry
10-22-2020 15:55:11	rshubham049@gmail.com	Excellent	Excellent	Excellent	Excellent
10-22-2020 16:00:59	samikshanehe03@gmail.com	Excellent	Excellent	Excellent	Excellent
10-22-2020 16:01:22	saketk_td1901@students.isquareit.edu.in	Very Good	Very Good	Excellent	Excellent
10-22-2020 16:08:45	rajanisonavane01@gmail.com	Excellent	Very Good	Very Good	Very Good
10-22-2020 16:11:32	tanishq1602@gmail.com	Very Good	Excellent	Very Good	Good
10-22-2020 16:11:48	aishwaryaborade575@gmail.com	Very Good	Very Good	Very Good	Very Good
10-22-2020 16:18:09	pratibhaa_tn1808@students.isquareit.edu.in	Excellent	Very Good	Very Good	Very Good
10-22-2020 16:22:57	pruthviinamke@gmail.com	Very Good	Excellent	Excellent	Very Good
10-22-2020 16:23:43	gayatrishinde641@gmail.com	Excellent	Good	Good	Good
10-22-2020 16:28:26	bhaveshbhadane064@gmail.com	Excellent	Very Good	Good	Excellent
10-22-2020 16:40:24	adityakolekar47@gmail.com	Excellent	Excellent	Excellent	Excellent
10-22-2020 17:02:35	ankitashete108@gmail.com	Excellent	Excellent	Very Good	Very Good
10-22-2020 17:18:34	ajinkya.gothankar@gmail.com	Very Good	Very Good	Very Good	Very Good
10-22-2020 17:20:44	lokeshmalkani04@gmail.com	Excellent	Excellent	Excellent	Excellent
10-22-2020 17:22:31	ksakshi2708@gmail.com	Excellent	Very Good	Excellent	Good
10-22-2020 17:24:57	karanjkarswati610@gmail.com	Excellent	Excellent	Excellent	Excellent



Hope Foundation's

International Institute of Information Technology

Innovation & Leadership

Department of Information Technology

Feedback of Add on Course "2D & 3D Animation "

Academic Year 2020-21

Timestamp	Email Address	1. Various aspects of animation using a variety of 2 dimensional software	2. Developing concepts and production of several 2 dimensional animations will be accomplished	3. Understand and apply the basic principles, techniques, and algorithms for generating and interacting with simple graphical objects on a display screen	4. Students learn to work within virtual 3-D space and build volumetric objects including: primitive shapes and Sub Patch geometry
10-22-2020 17:43:37	rohinipawar0213@gmail.com	Very Good	Very Good	Good	Good
10-22-2020 17:51:59	varmakamalrajendra@gmail.com	Very Good	Very Good	Excellent	Excellent
10-22-2020 17:58:54	shreyas.shrawage2000@gmail.com	Excellent	Excellent	Excellent	Excellent
10-22-2020 17:59:51	oml t19040@students.isquareit.edu.in	Good	Good	Very Good	Very Good
10-22-2020 19:02:33	khooshitholemanoj@gmail.com	Good	Good	Good	Good
10-22-2020 19:21:21	niharikab t18055@students.isquareit.edu.in	Very Good	Very Good	Good	Good
10-22-2020 19:40:23	surajtandel01@gmail.com	Excellent	Very Good	Very Good	Satisfactory
10-23-2020 9:16:31	bhutradhika329@gmail.com	Excellent	Very Good	Very Good	Satisfactory
10-23-2020 10:21:21	dhanmarathisas@gmail.com	Very Good	Very Good	Very Good	Very Good
10-23-2020 10:21:34	lavishgupta029@gmail.com	Very Good	Very Good	Good	Good
10-23-2020 10:21:44	kolivikrant10@gmail.com	Very Good	Very Good	Good	Good
10-23-2020 10:23:38	siddhantb t18053@students.isquareit.edu.in	Excellent	Very Good	Very Good	Very Good
10-23-2020 10:23:54	shrikantsabdew7@gmail.com	Excellent	Very Good	Very Good	Good
10-23-2020 10:26:47	kolhapureadinath@gmail.com	Very Good	Very Good	Excellent	Excellent
10-23-2020 10:30:24	anshikakhandelwal2000@gmail.com	Very Good	Very Good	Very Good	Good
10-23-2020 10:33:54	rupeshchincholkar689@gmail.com	Excellent	Excellent	Excellent	Excellent



Hope Foundation's

International Institute of Information Technology

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Feedback of Add on Course "2D & 3D Animation "

Academic Year 2020-21

Timestamp	Email Address	1. Various aspects of animation using a variety of 2 dimensional software	2. Developing concepts and production of several 2 dimensional animations will be accomplished	3. Understand and apply the basic principles, and techniques, and algorithms for generating and interacting with simple graphical objects on a display screen	4. Students learn to work within virtual 3-D space and build volumetric objects including: primitive shapes and Sub Patch geometry
10-23-2020 10:38:22	khushid_T19067@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent
10-23-2020 10:51:44	mpbandewar004@gmail.com	Excellent	Excellent	Excellent	Excellent
10-23-2020 10:57:49	needhip_t19078@students.isquareit.edu	Very Good	Very Good	Very Good	Excellent
10-23-2020 11:07:32	gunjan0503a@gmail.com	Very Good	Excellent	Very Good	Good
10-23-2020 11:11:18	anurag152000singh@gmail.com	Very Good	Very Good	Good	Very Good
10-23-2020 11:12:57	yashj_t18063@students.isquareit.edu.in	Very Good	Very Good	Good	Good
10-23-2020 11:15:06	bhaveshj_t19016@students.isquareit.edu.in	Excellent	Very Good	Excellent	Excellent
10-23-2020 11:23:08	omkarbhor2908@gmail.com	Good	Very Good	Very Good	Good
10-23-2020 11:49:03	shrutijadhav397@gmail.com	Very Good	Very Good	Very Good	Very Good
10-23-2020 12:13:30	jitwark_T19080@students.isquareit.edu.in	Very Good	Very Good	Very Good	Very Good



Hope Foundation's
International Institute of Information Technology
Department of Information Technology

Feedback of Add on Course "2D & 3D Animation "

Academic Year 2020-21

Outcomes	Various aspects of animation using a variety of 2 dimensional software	Developing concepts and production of several 2 dimensional animations will be accomplished	Understand and apply the basic principles, techniques, and algorithms for generating and interacting with simple graphical objects on a display screen	Students learn to work within virtual 3-D space and build volumetric objects including: primitive shapes and Sub Patch geometry
Excellent	27	19	22	18
Very Good	25	31	22	21
Good	6	8	14	15
Satisfactory	0	0	0	4
Poor	0	0	0	0


Prof. Saoji Sarang
HOD(IT)



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - I

EVENT OUTCOME ATTAINMENT THROUGH INDIRECT EVALUATION

Class: SE, TE	Course: Add on Course
Technical Event	Faculty Name: Prof. Tambre Keshav

Attainment Level	L1	L2	L3
	50	60	70
	More than 50 % students indicated attainment	More than 60 % students indicated attainment	More than 70 % students indicated attainment
	1	2	3

Course Outcomes	No. Of Students Indicated Level of Attainment					Percentage (Total X 100/No.Of Students X 5)	Level of Attainment
	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)	Total	
EO1	27	25	6	0	0	253	87.2
EO2	19	31	8	0	0	243	83.8
EO3	22	22	14	0	0	240	82.8
EO4	18	21	15	4	0	227	78.3

Sign. of Faculty

Joshi



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - I

EVENT OUTCOME ATTAINMENT

Class:SE.TE	Course: Add on Course
Technical Event	Organizer: Prof. Tambre Keshav G

CO	CO Attainment Level Through Evaluation (c)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	3.00	2	2	2	2	2				-	-	-	1	2	-	1	-
EO2	3.00	2	2	2	2	2				-	-	-	1	2	-	1	-
EO3	3.00	2	2	2	2	2				-	-	-	1	2	-	1	-
EO4	3.00	2	2	2	2	2				-	-	-	1	-2	-	1	-

PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
PO / PSO Attainment	1.5	1.5	1.5	1.5	1.5	0	0	0	0	0	0	0.75	0.67	0	0.75	0
PO / PSO Attainment (%)	50	50	50	50	50	0	0	0	0	0	0	25	22.333	0	25	0



Innovation & Leadership
www.isquareit.edu.in

Hope Foundation's
International Institute of Information Technology (I²IT)
Hinjawadi, Pune- 411057

DEPARTMENT OF INFORMATION TECHNOLOGY

Event Report

Academic Year 2020-21, Semester-I

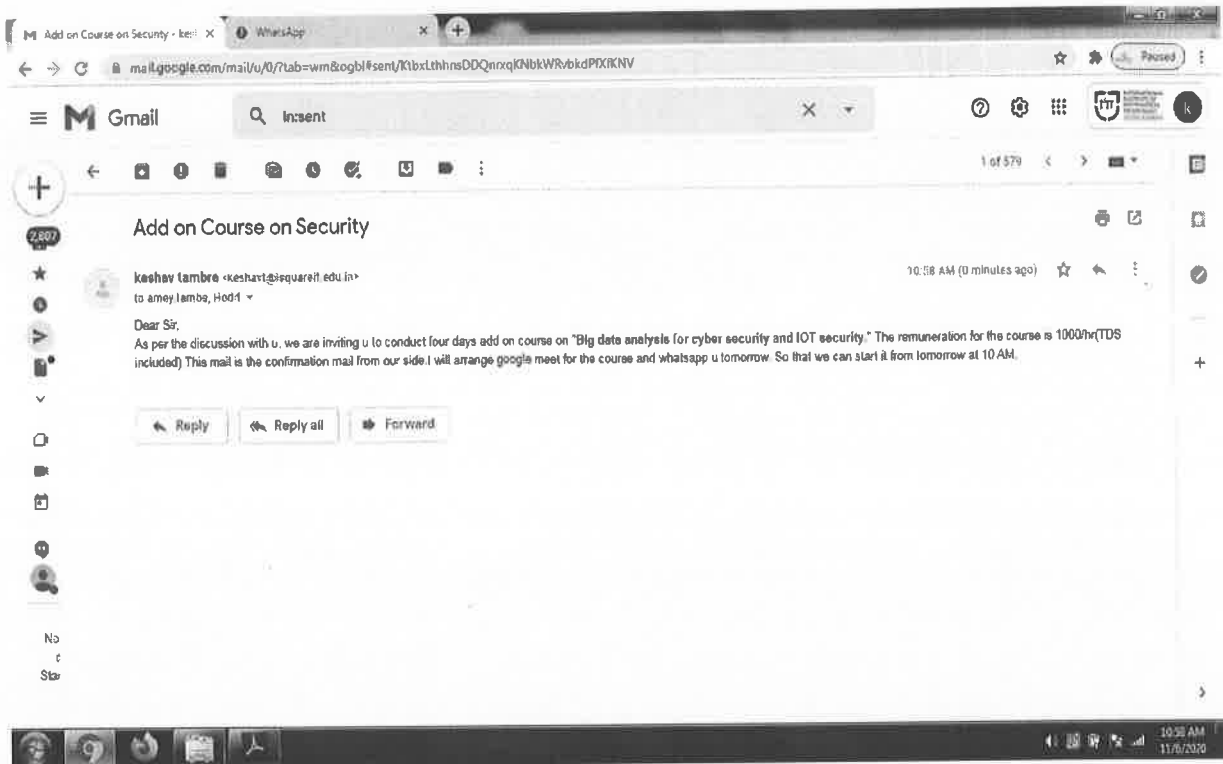
Date: 06/11/2020

Name of HoD: Prof. Sarang Anil Saoji

Name of Event Coordinator (s): Prof. Tambre Keshav

1. **Name of Event:** Add on Course Security in "IOT & Big data".
2. **Date of Execution:** 07/11/2020 to 10/11/2020
3. **Duration of Event (hours/day):** 8 Hours/Day
4. **Number of Participants:** 76 & 01 faculty member
5. **Sanctioned Budget (if applicable):** Rs. 20000 /-
6. **Total Expenditure:** Rs. 20000 /-
7. **Enclosures (check list):** Tick

✓	Permission from Head of Institute
-	Flyer (if any)
	Expert Person Profile
	Registration Details
✓	Expense Details with Receipts
✓	Photographs
✓	Attendance Sheets
✓	EO-PO/PSO Attainment



AMEY CHANDRAKANT TAMBE

Contact: +91-7620953455/7030012999; **Email:** amey.tambe@softtechdata.com

INFORMATION SECURITY PROFESSIONAL

Consistent performer with a strong record of superior performances, seeking challenging assignments across the industry. As a Infosec specialist qualifications include a degree in computer Applications; CISSP, CISA designations; and detailed knowledge of security tools, technologies and best practices. Ten years of experience in the creation and deployment of solutions protecting networks, systems and information assets for diverse companies and organizations.

- Dynamic & committed professional, cleared **CISA**: Certified Information Systems Auditor exam in Aug 2010.
- Cleared **CISSP**: Certified Information System Security Professional exam in January 2011.
- Proven expertise in streamlining the Information Security domain with focus on authenticity and accuracy in ISMS, System Security Auditing, Risk Assessment, Network security, Network stress auditing, forensic Investigation and Malware analysis.
- Deft in overall Information Security Management System coupled with distinguished ability in conducting Security Audit / Assessment.
- Demonstrated success in establishing, streamlining, strengthening and control of System Security and Network Security.
- Expertise in formulating and implementing the System and Network Security Policies/ Procedures & implementations with the ability to relate theory with practice.



Core Competencies

Information security Management | Security policy Planning | Risk Management | Penetration Testing
| ISMS | Network Security Management | Malware Analysis | Info Sec and Network Audit Management

PROFESSIONAL EXPERIENCE

Director, SoftTech Data Securities

Director, Alka Technology

- Define and drive the overall information security strategy and roadmap for the company including fortification of existing enterprise assets, implementation and constant revalidation of policies and procedures that enable consistent, effective information security practices which minimize risk and ensure the integrity, confidentiality, and availability of information that is owned, controlled, and processed within the organization.
- Ensure creation, validation and execution of clearly defined and executable information security policies, standards, and procedures with appropriate governance to ensure ground level adoption.
- Create a culture of cyber security from the ground up both within the business lines and the technology team, starting with business requirements all the way through design, development and validation of code and configuration.
- Initiate, facilitate, and promote activities to foster information security awareness within the organization. Establish the policies, procedures, tools, configurations, training, and audits that comprise the program.
- Collaborate actively with the Chief Architect and the architecture team in the Agile software development process as well as in network infrastructure as a security subject matter expert, to ensure that the product architecture conforms with all company security policies and security best practices. And to ensure that all software developed by the company will meet all security audit, compliance, and control requirements.
- Work directly with business units and other internal departments and organizations to facilitate IS risk analysis and risk management processes, identify acceptable levels of residual risk, establish roles and responsibilities related to information classification and protection, and to ensure that other managers are taking effective remediation steps.
- Ensure ongoing compliance with applicable laws and regulations, in coordination with the Legal Department and establish the policies, procedures, tools, configurations, training, and audits that comprise the program.
- Manage security incident response planning as well as the investigation of security breaches including convening a Security Incident Response Team (SIRT), as needed, while serving as the primary control point during such incidents.
- Coordinate and track all information technology and security-related audits including scope of audits, timelines, auditing agencies, and outcomes; work with outside consultants as appropriate for independent security audits.
- Ensure that security policies and procedures are regularly communicated to all staff, and that compliance is enforced. Continuously update the organization's security strategy to leverage new technology or adapt to new and emerging threats.

Network Security Manager

- Top priority to Ensure Organization's Network Security and major Network Security Issues.
 - Resolving Network security related issues.
 - Penetration testing of various onsite and offsite infra including (Network, Web Application , Website and Portals ,Web server , Clustering server, Payment Gateways , Payment Kiosk, Storage Media Pen test, System Hardening , Windows and Linux Domain Pen testing with Mirroring gateways.)
 - Exploit testing on real system with Open source & Proprietary tools and tool kit
 - Malware analysis for better isolation of network bandwidth consumption
 - DOS and DDOS attack simulation and System hardening for mitigation Techniques
 - Security Issues related P2P , Wireless security ,VPN ,VOIP , NOC Security
 - Windows and Linux based server security, LDAP, Firewall, IDS/IPS CRONS, DMZ
 - Planning of Security Infra., Detail ISMS Audit of client and self-promote sites
 - Actively participation in Network design and implementation of security policy
 - Compliance and Risk Assessment , Back Up policy maintenance and review
 - ISMS Audit and patch Management (Both vendor and strategic Patch)
 - Detail security Auditing and DR site Design and implementation
 - Secure Network Infra development and auditing in 3 tire system
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Sr. Network Security Manager

- Strategically planned & implemented the systems, policies & procedures for maintaining Company Network security management, Risk Management, preparation of system security policy and control management
- Was responsible for conducting Risk assessment, vulnerability assessment and network penetration testing.
- ISMS Audit and patch Management (Both vendor and strategic Patch)
- Maintaining Secure policy for IDS IPS and NOC's in Data Center and conduct periodic Data Center auditing (Technical and Compliance)
- Manage system information security architecture, design, installation, operational planning, and risk remediation activities on more than 15 servers/systems worldwide for various government clients, ensuring all systems installed according to schedule.
- Conduct risk assessments and collaborate with clients to provide recommendations regarding critical infrastructure and network security operations enhancements.
- Develop Continuity of Operations (COOP) and Disaster Recovery (DR) operations and conduct evaluation of COOP and DR during annual incident response training.
- Ensure information assurance by transmitting secure data between classified systems; perform ethical

hacking, malware reverse engineering, penetration testing, and Certification and Accreditation (C&A) within Security Operations Center (SOC) environment.

- Draft technical manuals, installation manuals, installation progress updates, and incident response plans in order to enhance system security documentation; create required system compliance reports and information requests. Planning and Execution of IT system and IT Infra audit.
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TECHNICAL EXPERTIES IN APPLICATION SECURITY

AppSec Skills: secure protocols SSH, IPSEC, SFTP, SSL/TSL, HTTPS etc , Hacker Methodologies and Tactics, SQL Injection, OS Command Injection, Cross-Site Request Forgery, Cross-Site Scripting, Incident Response, Host and Network Forensic, Malware Analysis, Penetration Testing, Vulnerability and Risk Assessments, Data Encryption, OWASP Top 10, SANS/MITRE Top 25. Experienced with Sysinternals, RegShot, CaptureBat, LordPE, Wireshark, tcpdump, Snort, Nessus, Expose, Nmap, Paros and Burp Web Proxy, Kali Linux, SamuraiWTF, OWASP Mantra and Metasploit

- Conducted assessments for white box and black box application security.
- Provided technical assistance for risk assessments and supported security architecture.
- Participated in secure development lifecycle activities and process assessments.
- Formulated standards and policies for application security.
- Designed and developed application security solutions and training programs.
- Implemented sales and marketing programs for application security engagements.
- Evaluated and documented applications as per requirements.
- Prepared and documented security diagrams, standards and other supporting materials.
- Experience with Code reviews of Perl, Python, Ruby, Java, HTML, CSS, ASP, ASP.NET, Cold Fusion, Oracle, T-SQL, SQL and other languages and identification of code logic flaws
- Thorough understanding of Networking Protocols (e.g., TCP/IP, UDP, IPSEC, HTTP, HTTPS, routing protocols, etc.)
- Familiar with vulnerability assessment, confirmation, and validation tools, processes, methodologies, and strategies, including static and dynamic analysis tools/techniques
- Familiar and have had pen-tested experience against Windows, Linux, OSX, and mobile platform environments
- Complete Familiarity with the Open Web Application Security Project (OWASP)
- Prepare a risk report for each Threat Modeling assessment listing out attack surface, threats, flaws and providing remediation guidance
- Conduct deep-dive sessions with development teams and understand attack surface, threats, security controls and security design flaws
- Acquire and maintain a working knowledge of relevant laws, regulations, and JPMC policies, standards, and procedures
- Occasionally perform Security Architecture Risk Analysis (SARA) / Security Design Reviews (SDR) of applications and assess their designs against known and emerging threats
- Take ownership of assessment from start to finish. Ensure that assessments are executed on-time, within defined scope and budget
- Knowledge of network security architecture concepts, including topology, protocols, components, and principles (e.g., application of defense-in-depth)
- Knowledge of what constitutes a network attack and the relationship to both threats and vulnerabilities
- Create a software source code review process that is a part of the development cycles (SDLC, Agile, CI/CD)

- Create proof-of-concept to validate the fixes or educate the developers on how certain vulnerabilities can be exploited
- Engage with development teams and/or senior management across various teams to influence efficient and effective fixes for application vulnerabilities
- Present a quarterly state of source code security to the CISO and a bi-annual educational session of commonly seen vulnerabilities for the development teams
- Create static code analysis tools where automated tools cannot
- Familiar with tools such as Bugzilla, JIRA, Issue trackers, GitHub, SVN, IDEs such as eclipse/IntelliJ and build tools such as Ant, etc

TECHNICAL EXPERTIES IN STORAGE

- Experience in administering and maintaining EMC Symmetrix DMX-3, DMX-4, V-MAX 10k/20k/40k and Clariion CX-3, CX4, VNX Series.
- Experience in managing Symmetrix arrays using SymCLI, SMC, ECC, and Unisphere Manager for VMAX, NavisecCLI, Navisphere Manager, and Unisphere Manager.
- Experience in administering and maintaining HP-3PAR F200, F400, S400/T400, S400/T800 V400/V800 ,EVA P6300, 7440C,7200C and StoreServ 10400
- Installation and maintenance of 3PAR Inform Management Console, Inform management CLI and Host Explorer agent.
- Performed different kinds of migration methods (Array based - Open Replicator and Host based - Open Migrator) based on the application/system availability and moved the data from DMX2000 and DMX3000 to DMX-3.
- Experience in implementing Virtual/Thin Provisioning on DMX-4/VMAX by creating Data devices, Thin devices, Thin Pool, binding Thin devices to the pool, using SymCLI, SMC and Unisphere.
- Experience in creating Common Provisioned Groups(CPG), Virtual Volumes(VV), creating Hosts, exporting Virtual Volumes to Host, creating Virtual Domains, Domain object and managing Domain objects in HP-3PAR.
- Worked on Creating Virtual Volumes, Common Provisioned Groups (CPG), creating Hosts, exporting VVs to Host, to create Virtual LUNS
- Strong knowledge about HP 3PAR Thin Technologies for space management and Autonomic groups (VVSet and HOSTSet).
- Well experienced in data migration using Array based tools such as FLM, Open Replicator, SRDF and SanCopy.
- Very good knowledge and hands on experience in implementing TimeFinder operations like BCV/Clone/ Snaps for Symmetrix and using SnapView Clone/Snapshot for Clariions and to provide a copy of production for decision making, testing for the new upgrades, backups without disturbing the production.
- Proficient in implementing Virtual Copy to create snapshots of physical/virtual data copy and Remote Copy to allow mirroring data between two remote arrays in HP-3PAR for disaster recovery.
- Data Migration using HP 3PAR Peer Motion from F/S/T class to V400/V800 and migrated data using MPX200 from old arrays to P10000.
- Implementation skills of RM 5.4 for Local & Remote replication in Symmetrix and Clariion.
- Good knowledge and hands on experience in implementing the Disaster Recovery solution using SRD-F/S and SRDF/A for DMX/V-MAX, MirrorView for Clariion.
- Experienced in implementing non-disruptive array based data migration from DMX to VMAX using FLM which was done using SYMCLI.

- Adept in configuring and maintaining file storage and network retrieval infrastructure which includes Ethernet channel, Link Aggregation Control Protocol (LACP), Fail Safe Network (FSN) and mastered in creating devices and interfaces.
 - Managed fabrics using tools Brocade CLI, WebTools, DCFM and also Cisco CLI and Fabric Manager & Device Manager to create zones, zoneset and activated them.
 - Implementation skills of Federated Tiered Storage allowing external storage arrays to be used as back-end disks (eDisks) for VMAX 40k/20k arrays.
 - Hands on experience in administering CIFS and NFS in VNX.
 - Experienced in implementing FAST-DP and FAST-VP in VMAX 20k/10k and FAST in VNX and Clariion arrays running with FLARE 30 and also configuring Fast Cache on VNX and CX4.
 - Good experience in performance monitoring using SPA in VMAX.
 - Installed and configured Microsoft iSCSI initiators.
 - Experienced in installation, configuring and managing EMC PowerPath for path failover, load balancing, path management and automatic I/O failure detection.
 - Good working knowledge on SAN management to support all kinds of operating systems - AIX, HP- UX, SUN Solaris, Linux, VMWare and Windows 2k3/2k8/2k12.
 - Deployed, configured and maintained SAN Directors and Switches using Fabric Manager/Device Manager, CISCO CLI for CISCO, Webtools, DCFM, Brocade CLI for Brocade.
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HIGH END DISK SYSTEMS:

- Symmetrix VMAX 40k, 20k, 10k, DMX-4, DMX-3, DMX-2
- CLARiiON CX-3, CX-4, VNX5500/5700/7500
- HP- 3PAR arrays : F200, F400, S400/T400, S800/T800, V400, V800, 7440C, 7200C, StoreServ10400
- HP- EVA P4000, P6300, P6400, P6500, P8400

SAN/STORAGE MANAGEMENT:

- SYMCLI 7.x/6.x, SMC 7.x/6.x, ECC 6.x, NAVISECCLI, Unisphere Manager, Navisphere Manager, , DCFM, BrocadeCLI, WebTools, CiscoCLI, Fabric/Device Manager, TimeFinder BCV/Clone/Snap, Replication Manager 5.x, Open Replicator, Recoverpoint, SnapView Clone/Snapshot, SanCopy, MirrorView, HP 3PAR IMC 4.2.1, CLI 2.3.1/3.1.1 , HP 3PAR System Reporter

Switches:

- Brocade - DCX/48K/6510/5300/5100/4900/4100
- MDS Cisco - 9513/9509/9506/9216

Volume Manager:

- AIX/HP/Linux Logical Volume Manager, SUN Volume Manager and VERITAS Volume Manager

TECHNICAL EXPERTIES IN AMAZON

- Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
- Enterprise Vault Server: Monitoring daily Archiving & Recovery of Information, Backup, Storage, MSMQues and Maintenance with latest Updates and Roll ups. Also Addition and removal of Vault Store. Moving of archives. Moving Databases from One location to another.
- Microsoft Exchange: Monitoring New and Existing Users, Policies, Quotas, Services, Storage and Backup with Updates and Roll ups.
- Storage Server: Monitoring Connectivity, Storage space & Backups.
Active Directory: User Creation, Policy assignments, groups assigning and Role Management.
- SQL Server: Daily Backup, Maintenance, Storage Space and Event monitoring.
Proactively suggest improvements in Infrastructure Design to keep the work flow smooth
- Monitor and update the customer with Daily / Weekly / Monthly Activities.
- Deployed infrastructure on AWS utilizing services such as EC2, RDS, VPC and Managed Network and Security, Route 53, Direct Connect, IAM, Cloud Formation, AWS OpsWorks (Automate operations), Elastic Beanstalk, AWS S3, Glacier, (Storage in the cloud) and Cloud Watch Monitoring Management.
- Production/UAT/Support/DEV databases & application servers and 500 plus database/application migrations from an On-Premise datacenter & VMware to Amazon Web Services ensuring minimum downtime.
- Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
- Worked on PowerShell/Bash scripts to gather resources metrics from AWS EC2 Instances, and configured Alerts and Dashboards using AWS CloudWatch Monitoring.
- Installed and used Chef Server Enterprise on premise/workstation/bootstrapped the nodes using knife and automated by testing Chef recipes/cookbooks with test-kitchen/chef spec.
- Developed Chef Cookbooks for Tomcat, My Sql, windows applications and versioned them on Git repositories and Chef Server.
- build deployment, build scripts and automated solutions using various scripting languages such as Bash, PowerShell, Python, Ruby, XML.
- Experience in working with Puppet Enterprise and Puppet Open Source. Installed, configured, upgraded and managed Puppet Master, Agents, and Databases. Integration of Puppet with Apache and Passenger.
- Good knowledge and hands on experience in implementing the Disaster Recovery solution using SRD-F/S and SRDF/A for DMX/V-MAX, MirrorView for Clariion.
Expertise in configuring and administering NFS, DNS, LDAP, DHCP, Mail Servers and Web Servers like
- Apache HTTPD & Tomcat and WebLogic in heterogeneous environments. Extensively worked on Source Code Management tools like SVN, GIT, GIT HUB and performed operations namely branching, tagging, merging, repository management, etc. Also, responsible for migrating SVN repositories to GIT.
- Installation, Configuration, and Management of RDBMS and NoSql tools such as SQL Server MySQL, DB2, PostgreSQL, and MongoDB.
- AWS Console and AWS CLI for deploying and operating AWS services specifically VPC, EC2, S3, EBS, IAM, ELB, Cloud Formation and Cloud Watch.

Data Protection:

- Symmetrix TimeFinder Clone/Snap, SRDF/A, SRDF/S, SRDF/Star,
- VNX Snapview Clone/Snap for Block Level, SnapSure for File Level,
- HP 3PAR Virtual Copy, Remote Copy (Synchronous and Asynchronous Periodic)

Migration Methods:

- Federated Live Migration, Open Replicator, SRDF, SanCopy, HP 3PAR Peer Motion, MPX200.

Technical Experties in IBM Technology

- IBM WebSphere DataPower Appliance XC10 V2
 - IBM WebSphere DataPower B2B Appliance XB62
 - IBM WebSphere DataPower Service Gateway XG45
 - IBM WebSphere DataPower Integration Appliance XI52
 - IBM WebSphere DataPower Integration Appliance XI50B and XI50z
 - Having Good experience in WebSphere Application Server packaging
 - Intelligent Management, WebSphere eXtreme, WebSphere Application Server Express, WebSphere Application Server (Base) WebSphere Application Server Network Deployment WebSphere, WebSphere Application Server for Developers, WebSphere Application Server Hypervisor Edition, WebSphere Application Server Liberty CoreFull WebSphere Application Server, Application Server for z/OS
 - WebSphere Application Server, Enterprise JavaBeans (EJB) Container ,portlet container, SIP container, batch container ,OSGi Blueprint container
 - Proxy servers, Generic servers, DMZ Secure Proxy Server, On Demand Router (ODR),
 - Standalone and distributed application server environments, WebSphere Application Server administration, Administering stand-alone application servers, Administering distributed application server environments, WebSphere Customization Toolbox, Job manager, Centralized installation manager, Administrative applications, Workload management, Intelligent management, Static clustering,
 - Balancing work across DMZ proxy servers, Service integration, Service mapping, , Key and certificate management, Authentication, Authorization, Application user authorization, Auditing, Security domains and user registries,
Java EE applications, Portlet applications, SIP applications, Communications enabled applications, Business-level applications , WebSphere Batch applications, OSGi applications,
 - Service Component Architecture, Serviceability and troubleshooting, Basic logging and tracing, Liberty servers, Liberty profile, Liberty profile configuration, Liberty clusters, Liberty security configuration, tuning, deployments, up-gradation, configuration of WebSphere Application Server
 - Deploying, maintaining, and upgrading applications in Liberty profile
 - Deploying, maintaining, and upgrading applications in full profile
-
-

Technical Experties AIX System

- Experience with installation and Administration of AIX 4.3 , 5.1 , 5.2 , 5.3, 6.1.

- Experience in installing, configuring, managing, maintaining and developing AIX Systems, Linux (Red-Hat), Windows 2003 and Solaris servers.
- Installation and configuration of NIM master server and clients.
- Migration of AIX OS from 5.2 to 5.3 and 5.3 to 6.1 on pSeries servers.
- Experience with IBM Power4, Power5 and Power6 virtualization.
- Experience in Planning and Implementation of Virtualization on Power 770
- Expertise to server utilization and sharing I/O resources to reduce total cost of ownership and make better use of IT assets using PowerVM (Advanced Power Virtualization).
- Experience in MICRO-PARTITIONING on P series servers.
- Experience in Installation, administration and configuration of VIO Server and VIO client LPAR'S through HMC.
- Experience in performing DLPAR on VIO servers.
- Experience in working with Shared Ethernet Adapter, Link Aggregation and NPIV concepts associated with VIO server technology.
- Experience with LVM, NIM, User & System Resource Management, Job Scheduling and Paging Space Management.
- Experience in creating CRON jobs to automate various system administration tasks using Crontab Utility
- Experienced with tools SMIT, configured public network with mktcpip and backup network with smitty chinnet
- Experienced in monitoring system performance and check the status of the system using utilities such as TOPAS, GLANCE, NMON, VMSTAT, IOSTAT, etc.
- Peripheral Experience in EMC Storage Arrays, ADIC tape libraries, VeritasNetbackup.
- Experienced in configuring SSH, DNS, NIS, NFS, LDAP, sendmail, ftp.
- Excellent presentation, analytical, documentation and interpersonal communication skills.
- Good working knowledge on IBM HACMP 5.x and NIM Master and Clients.
- Strong scripting knowledge (Perl, ksh, bash) to perform administration and automation tasks.
- Experienced in increasing the file system, create Mirroring, striping and parity using VERITAS volume manager (VxVM).
- Experience in connecting to an EMC disk subsystem with PowerPath and MPIIO

Shell Scripting

- Experience in shell scripting.
 - Wrote a script to collect the inventory details for whole environment notifies with a Email with Excel sheet as an attachment.
 - Wrote script to set the boot list correctly on all the servers in the environment.
 - Wrote a script which checks the no of established connections on a port, for time duration notifies the same via email.
 - Wrote a script which identifies a process initiated by a user and kills the same.
 - Wrote a script to collect the ethernet adapter and etherchannels on the server and there firmware details.
 - Wrote a script which notifies if there is a x percentage increase in the connection established on a particular port.
-
-

Technical Expertise In BlueCoat

- Proxy's Visual Policy Manager (VPM) to Accelerate delivery of web applications and content through a proxy architecture with integrated caching
- Protect web infrastructure by isolating origin servers from direct Internet access
- Secure external user access to web applications, such as web e-mail, extranets, and public websites, by acting as an SSL termination /origination point
- Save time and money by reducing the number of web servers required
- Implement granular access policies based on users, groups, time of day, location, network address, user agent, and other attributes to meet unique business requirements
- Authenticate clients using existing security framework, including local password files, NTLM, LDAP, RADIUS, one-time passwords, and certificates
- Safeguard their web infrastructure from viruses, worms, and Trojans with real-time anti-malware scanning of all uploaded content
- Proxy to implement a scalable and secured web portal by front-ending web applications such as corporate web e-mail (e.g., Outlook Web Access, Lotus Notes WebMail, Novell Groupwise WebAccess) and web-based business applications (e.g., Siebel, Oracle, SAP).
- Originate and terminate SSL-encrypted sessions between web applications and users.
- Securing and accelerating web applications and public websites
- Robust authentication and policy
- Available upgrade to full Web Application Firewall with OWASP Top 10 coverage
- Integration with advanced threat protections

TECHNICAL EXPERTIES

WINDOWS SERVER PRODUCTS

SAN STORAGE

HP, VMWARE, EMC Symmetrix

CLOUD COMPUTING PRODUCTS

CISCO PRODUCTS

CISCO AND JUNIPER FIREWALLS

LOAD BALANCER AND UTM

IDS/IPS (NETWORK AND HOST BASED)

RED HAT SERVER

LINUX / UNIX

Penetration Testing and Reporting Frameworks

No	Company	Technology	Product Name
1	Symantec	Incident Management	Symantec Security information Manager
2	IMPERVA	Web Application Firewall	SecureSphere
3	CA	Incident and Problem Management	CA Service Desk Manager
4	Atlassian	Defect Tracking/Project Management	JIRA
5	Qualys	Network Security	Vulnerability management
6	IBM	Web Application Testing	AppScan, Grid Eye Scanner (Network)
7	Tenable	Vulnerability Assessment	Nessus, GFI Lan Guard, Qualis , Syman- tec , Open VAS
8	Acunetix	Web Application VA	Acunetix Web Application VA, Watcher/ Arachni
9	McAfee	DLP	Data Leak Priventation
10	IBM	Access Management	Unified Access Control with Odyssey
11	Open Source	Penetration Testing OS	BackTack 5 r3, Kali - Linux, BackBox Linux , Hoaxware,
12	Open Source	Web App Pentesting Framework	Samurai Web Testing Framework OWAPS ZAP/Xenoticks Burp Suite

Technical Certifications

Certified Information Systems Security Professional (CISSP)
Certified Information System Auditor (CISA)
EC Council Certified Ethical Hacker (CIEH) EC
Council Certified Forensic Expert (CIHFI) EC
Council Certified Security Analyst (EICSA)
Diploma in Information Security and Cyber Law
Certified Cyber Forensic Expert (CFE)
Certified Network Security Auditor (CNSA)
Certified Penetration Testing Expert (Kali Linux)
Diploma In Information Security and Ethical Hacking (ISEH)
CISCO Certified Network Associate (CCNA)

As INFORMATION SECURITY and STORAGE CONSULTANT AND TRAINER

Worked with various organizations and Government to handle their Corporate and complicated Network as well as Data Security practices.

1. IBM India Pvt Ltd. (Given Consulting on: Information security Management systems(ISMS))
 2. L&T Infotech (Given Consulting on: Information security Management systems(ISMS))
 3. Tech Mahindra (Given Consulting on: Secured Payment Gateway and Network Security)
 4. Visa Cards India (Given Consulting on: PCI – DSS Security Policy implementation and data integrity validation)
 5. Master Cards India (Given Consulting on: PCI – DSS Security Policy implementation and data integrity validation)
 7. Amdocs India
 8. Quadrant Infotech Pvt Ltd
 9. iQuara Infosystems
 10. Appin Technology Labs (Given training on: Information Security Management and Security Infra.)
 11. SoftTech Data Securities Pvt. Ltd.
 12. LogiTec
 13. Cybage
 14. TATA Consultancy Services
 15. TATA Telecommunications
 16. Bharti Airtel
 17. Vodafone India
-
-

At Institution Level handled batch size of more than 50 students for Workshops and regular courses
Conducted Faculty Development Program(FDP) and Student Development Program(SDP) in Subject
areas of Information Security, Network Security, Information Security Management Systems

1. Savitribai Phule Pune University,Pune
 2. Yashwantrao Chavan Maharashtra Open University
 3. Tilak Maharashtra University
 4. MIT College of Engineering, Pune
 5. Sinhagad Technical Institute, Pune
 6. Bharti Vidyapeeth College of Engineering, Pune
 7. Bharti Vidyapeeth College of Engineering for Women, Pune
 8. Institute of Management and Entrepreneurship Development, Pune
 9. Dr D Y Patil Institute of Management and Research,Pune
 10. College of Engineering, Pune
 11. AISSMS, Pune
 12. Indira College, Pune
 13. MIT Polytechnic,Pune
 14. Kavery College, Pune
 15. SSPMS collage of Engineering, Pune
 16. Wadia Collage, Pune
 17. Dy Patil Collage of Engineering,Pune
 18. SBP College of Engineering, Indapur
 19. BICSI Coolege of Management and Engineering, Solapur
 20. Father Agnel college of Engineering, Mumba
 21. JSPM Institutes Pune
 22. PCCOE , Pune
-
-

EDUCATIONAL CREDENTIALS

BACHELOR OF COMPUTER APPLICATIONS, 2011
University of Pune , Pune



Hope Foundation's
International Institute of Information Technology (I²IT), Pune
P-14, Rajiv Gandhi Infotech Park, Phase-I, Hinjawadi, Pune-411057

Department of Information Technology

Contents for Cyber Security

- **Big Data Analysis for Cyber Security**
Ethical Hacking scenarios
Cloud Computing and Security
Information Gathering and Enumeration
Web Application Security
ML for Network Security
- **IoT Security**
Fundamentals of IoT
Security Issues and challenges in IoT
Intrusion Detection System
Data Analytics using ML in IoT for Security

Day	Day 1 : Saturday	Day 2 : Sunday	Day 3 : Monday	Day 4 : Tuesday
Date / Time	7th November 2020	8th November 2020	9th November 2020	10th November 2020
10AM to 12 Noon	Ethical Hacking scenarios	Web Application Security	Fundamental of IoT	Firewall, and VPN
12 Noon to 1PM	Information Gathering and Enumeration	ML for Network Security	Security aspects in IoT	Firewall, IPS and VPN
1PM to 2PM	Lunch Break			
2 to 4	DDoS Attack for network take down	Big Data Analysis for Network Security	Intrusion Detection System in IoT using ML	Behavioral Analytics for IoT Data



Department of Information Technology

Attendance of Add on Course "Security in IOT & Big data"

Roll No	Name of Student	07-Nov Session I	07-Nov Session II	08-Nov Session I	08-Nov Session II	09-Nov Session I	09-Nov Session II	10-Nov Session I	10-Nov Session II
TI01	AADESH	A	A	A	P	P	P	A	A
TI02	AASHUTOSH	A	A	A	A	A	A	A	A
TI03	AAYOU	A	A	A	A	A	A	A	A
TI04	ABHISHEK	A	A	A	P	P	P	P	A
TI05	ABHISHEK	A	A	A	P	P	P	P	A
TI06	AISHWARYA	A	A	P	P	P	P	P	A
TI07	AJINKYA	A	A	P	P	P	P	P	P
TI08	AMEY	A	P	P	P	P	P	P	P
TI09	ANIKET	A	A	P	A	A	A	P	A
TI10	ANKITA	A	A	P	P	P	A	A	A
TI11	ANSHIKA	A	A	A	A	A	A	A	A
TI12	ANURAG	A	A	P	P	P	A	P	A
TI13	ANURAG	A	A	P	P	P	A	P	A
TI14	ANUSHKA	A	A	P	P	P	A	P	P
TI15	ATHARVA	A	A	A	P	P	P	P	P
TI16	AVANI	A	A	A	P	P	A	A	A
TI17	BHAVESH	A	A	A	P	P	P	A	A
TI18	BHAVINI	A	A	P	P	P	A	P	P
TI19	CHIRAG	A	A	A	A	A	A	A	A
TI20	DAKSH	A	A	A	A	A	A	A	A
TI21	AKASH	A	A	A	A	A	A	A	A
TI22	DEEPAK	A	A	P	P	P	P	A	A
TI23	DEEPAK	A	A	P	P	P	P	A	A
TI24	DHANSHRI	A	A	A	P	P	P	A	A
TI25	GAYATRI	A	A	A	A	A	A	A	A
TI26	HARDIK	A	A	A	A	A	A	A	A
TI27	HET	A	A	A	A	A	A	A	A
TI28	HIMANSHU	A	A	A	A	A	A	A	A
TI29	JAGRUTI	A	A	A	A	A	A	A	A
TI30	KAMAL	P	A	A	P	P	A	P	A
	VARMA	A	A	P	P	P	P	A	A



International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Attendance of Add on Course "Security in IOT & Big data"

Roll No	Name of Student		07-Nov	07-Nov	08-Nov	08-Nov	09-Nov	09-Nov	10-Nov	10-Nov
			Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
TI31	KIRTI	SUNILKUMAR	A	A	A	A	A	A	A	A
TI32	KOMAL	DEORE	P	A	P	A	A	A	P	A
TI33	KOUSHIK	PANDILWAR	A	A	A	A	A	A	A	A
TI34	KRITIKA	SINGH	A	A	A	A	A	A	A	A
TI35	LAVANYA	BODELE	A	A	P	A	A	A	P	P
TI36	LAVISH	GUPTA	P	P	A	A	A	A	A	A
TI37	LOKESH	MALKANI	A	A	A	A	A	A	P	A
TI38	NAMRATA	BADE	A	A	A	A	A	A	A	A
TI39	NIHARIKA	BISHT	P	A	A	A	A	A	A	A
TI40	NIKHIL	BASTIA	P	A	P	A	A	A	A	A
TI41	OMKAR	BHOR	A	A	A	A	A	A	A	A
TI42	PALVI	ACHARYA	P	A	A	A	A	A	A	P
TI43	NIKET	SINGH	A	A	A	A	A	A	A	A
TI44	Prachi	Pinjan	A	A	A	A	A	A	A	A
TI45	POOJA	PEDGAONKAR	A	A	A	P	P	P	A	P
TI46	PRADYUMNA	SHIRUDE	A	A	A	A	A	A	A	A
TI47	PRANAV	TUPE	A	A	A	P	P	P	A	A
TI48	PRATEEK	PATEL	A	A	A	A	A	A	A	A
TI49	PRATHAMESH	PAPADE	A	A	A	P	P	P	A	A
TI50	PRATIBHA	ADHAV	A	A	P	A	A	A	A	A
TI51	PRATIK	KADAM	A	P	A	A	A	A	A	A
TI52	PRATIKSHA	SHINDE	A	A	P	P	P	P	A	A
TI53	PREETI	KUMARI	A	A	P	A	A	A	A	A
TI54	RADHIKA	KHANDELWAL	A	A	P	P	P	P	A	A
TI55	RAJNI	SONA VANE	A	A	P	P	P	P	A	A
TI56	RATIKESH	GAONKAR	A	A	A	A	A	A	A	A
TI57	RIYA	WAGHMARE	A	A	A	A	A	A	A	A
TI58	RUPESH	CHINCHOLKAR	A	A	P	P	P	P	A	A
TI59	SAHEB	CHANDOK	A	A	P	P	P	P	A	P
TI60	SAKET	KHOPKAR	A	A	A	P	P	P	A	P



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Attendance of Add on Course "Security in IOT & Big data"

Roll No	Name of Student	07-Nov		08-Nov		09-Nov		10-Nov	
		Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
TI61	SAKSHI	A	A	P	P	P	A	P	P
TI62	SAMIKSHA	A	P	P	P	P	A	P	P
TI63	SANDESH	A	A	A	A	A	A	A	A
TI64	SANTOSH	A	A	A	A	A	A	A	A
TI65	PRATHMESH	A	A	A	A	A	A	A	A
TI66	RAMESH	A	A	A	A	A	A	A	A
TI67	SANVED	A	A	A	A	A	A	A	A
TI68	SAYALI	A	A	A	A	A	A	P	P
TI69	SHARAYU	A	A	P	A	A	A	P	P
TI70	SHIVAM	A	P	P	P	P	P	A	P
TI71	SHREYA	A	A	A	A	A	A	A	A
TI72	SHREYAS	A	A	P	P	P	P	P	A
TI73	SHRIKANT	P	P	A	A	A	A	A	A
TI74	SHRUTI	A	P	P	P	P	A	A	A
TI75	SHUBHAM	A	A	P	P	P	A	P	A
TI76	SHUBHAM	A	A	P	P	P	A	P	A
TI77	SIDDHANT	A	A	A	P	P	A	P	A
TI78	SIDDHARTH	A	A	A	A	A	A	A	A
TI79	SIDDHI	A	P	P	P	P	A	A	A
TI80	SIDDHI	A	P	P	P	P	A	A	A
TI81	SNEHA	A	P	P	P	P	A	A	A
TI82	SOURABH	A	A	A	A	A	A	A	A
TI83	SURAJ	P	P	P	P	P	A	A	P
TI84	SWATI	A	A	A	A	A	A	A	A
TI85	TANISHQ	A	A	A	A	A	A	A	A
TI86	YASH	A	A	P	P	P	A	A	A
TI87	TAPISH	A	A	A	A	A	A	A	A



Department of Information Technology

Attendance of Add on Course "Security in IOT & Big data"

Rollno	First Name	Last name	07-Nov Session I	07-Nov Session II	08-Nov Session I	08-Nov Session II	09-Nov Session I	09-Nov Session II	10-Nov Session I	10-Nov Session II
SI01	AAYUSH	MUNSHI	A	A	A	A	A	A	A	A
SI02	ADINATH	KOLHAPURE	A	P	P	P	P	P	P	P
SI03	ADITYA	NAWALE	A	A	A	A	A	A	A	A
SI04	ADITYA	KOLEKAR	A	A	A	A	A	A	A	A
SI05	AISHWARYA	GHATGE	A	A	P	P	P	P	P	P
SI06	AISHWARYA	BORADE	A	A	P	P	P	P	P	P
SI07	AKHIL	BHALERAO	A	A	A	A	A	A	A	A
SI08	AKHILESH	PINGLE	A	A	A	A	A	A	A	A
SI09	AKSHADA	DANI	A	P	P	P	P	P	P	P
SI10	ANAND	TARTE	A	A	A	A	A	A	A	A
SI11	ANKIT	GUNJAL	P	A	A	A	A	A	A	A
SI12	ARYA	PATHRIKAR	A	P	P	P	P	P	P	P
SI13	ARYA	BAGDE	A	P	P	P	P	P	P	P
SI14	ASEEM	KHANDEKAR	A	A	A	A	A	A	A	A
SI15	ASHUTOSH	JADHAV	A	A	A	A	A	A	A	A
SI16	ASMITA	MOHITE	A	A	P	A	A	A	A	A
SI17	ATHARVA	KOKARE	A	A	A	P	P	P	P	P
SI18	BHAVESH	JOSHI	A	A	P	P	P	P	P	P
SI19	DAMINI	PATIL	A	A	A	P	P	P	P	P
SI20	DIBYANSU	SAHOO	A	A	P	P	P	P	P	P
SI21	DNYANESHWAR	PAWAR	A	A	A	A	A	A	A	A
SI22	GUNJAN	AGRAWAL	A	A	P	P	P	P	P	P
SI23	HIMANSHU	MAHALL	A	A	A	A	A	A	A	A
SI24	JAGRUTI	PATEL	P	A	A	P	P	P	P	P
SI25	JANHAVI	PAWAR	A	A	A	A	A	A	A	A
SI26	JANVI	NANDRE	A	A	A	A	A	A	A	A
SI27	JITWAR	KURHADE	A	A	P	P	P	P	P	P
SI28	KHOOSHI	THOLE	A	A	A	A	A	A	A	A
SI29	KHUSHI	DHAK	A	A	A	P	P	P	P	P
SI30	MAHESH	BANDEWAR	A	A	A	A	A	A	A	A
SI31	MANAS	TOLE	A	A	A	A	A	A	A	A
SI32	MANAV	KHAKHI	A	A	A	P	P	P	P	P
SI33	MAYUR	TUNGAR	A	A	A	A	A	A	A	A
SI34	MRUNAL	CHOUDHARI	A	A	P	P	P	P	P	P



Attendance of Add on Course "Security in IOT & Big data"

Rollno	First Name	Last name	07-Nov Session I	07-Nov Session II	08-Nov Session I	08-Nov Session II	09-Nov Session I	09-Nov Session II	10-Nov Session I	10-Nov Session II
SI35	NEEDHI	PATIL	A	A	A	P	P	A	A	A
SI36	NIKITA	RATHOD	P	P	A	P	P	A	P	A
SI37	NIKITA	VERMA	P	P	A	P	P	A	P	A
SI38	OM	LACHAKE	P	A	P	P	P	P	A	A
SI39	OM	GOSAVI	P	A	P	P	P	P	A	P
SI40	PARTH	PATIL	P	A	P	P	P	P	A	P
SI41	PIYUSHA	VYAVAHARE	A	A	P	A	A	A	A	P
SI42	PRANAV	MAHADIK	A	A	A	P	P	P	A	P
SI43	PRANAY	MALUSARE	A	A	P	P	P	A	A	P
SI44	PRUTHVI	INAMKE	A	A	A	P	P	P	A	P
SI45	PUSHKAR		A	P	A	A	A	A	A	A
SI46	RADHIKA	BHUTRA	A	A	A	A	A	A	A	A
SI47	RAJ	BALANI	A	A	P	P	P	P	A	A
SI48	RIA	NAIR	A	P	A	A	A	A	A	A
SI49	ROHINI	PAWAR	A	A	A	P	P	A	A	A
SI50	ROHIT	CHOUDHARY	A	A	P	P	P	A	P	A
SI51	RUCHA	LENDE	A	A	A	A	A	A	A	A
SI52	RUTUJA	MUSALE	A	A	P	P	P	P	P	A
SI53	SAMARTH	AHER	A	A	A	A	A	A	A	A
SI54	SAMYAK	SAHOO	A	A	A	A	A	A	A	A
SI55	SANKET	DHAWALE	A	P	P	P	P	A	P	A
SI56	SAURABH	PATRA	A	A	P	P	P	A	A	P
SI57	SAURABH	PARDESHI	A	A	P	P	P	A	A	P
SI58	SHREYASH	SHARMA	A	A	A	P	P	A	A	A
SI59	SHRUTI	JADHAV	A	P	P	P	P	A	P	A
SI60	SIDDARTH		A	A	A	A	A	A	A	A
SI61	SIDDHESH	MHATRE	A	A	P	A	A	A	A	A
SI62	SWARNIM		A	A	A	A	A	A	A	A
SI63	TEJAS	SOLE	A	A	A	A	A	A	A	A
SI64	VAISHNAVI	KHAMKAR	A	A	A	A	A	A	A	A
SI65	VARSHITHA		A	A	A	A	A	A	A	A
SI66	VIKRANT	KOLI	A	A	A	A	A	A	A	A
SI67	YASHASHREE	MAHALE	A	A	P	P	P	A	P	A

meet.google.com/civ-cpzn-hqy

Cyber Prima Prima is presenting

Conclusion

- The numbers of features present in the network traffic add noise and decrease the performance of IDS.
- Machine Learning plays important role in feature selection and classification of DDoS attack in IoT.
- Machine Learning provides a way to identify important features in DDoS attack and produces improved performance of IDS.

Meeting details

People (24)

Add people

Host controls

Participants:

- Keshav canbre (You)
- ashwarya borade
- Anshu Gurjar
- AJURAG RANEDGE
- anushka dhangrade
- Arya Bagde
- dhavesh joshi
- Dhavin patil

1:22 PM 11/20/2020

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Cyber Prima Prima is presenting

Web Attack Detection

Table 5: Result Analysis using PMML

Dataset	Accuracy	Precision	Recall	F1 Score
Dataset 1	95.5%	95.5%	95.5%	95.5%
Dataset 2	95.5%	95.5%	95.5%	95.5%
Dataset 3	95.5%	95.5%	95.5%	95.5%
Dataset 4	95.5%	95.5%	95.5%	95.5%
Dataset 5	95.5%	95.5%	95.5%	95.5%
Dataset 6	95.5%	95.5%	95.5%	95.5%
Dataset 7	95.5%	95.5%	95.5%	95.5%
Dataset 8	95.5%	95.5%	95.5%	95.5%
Dataset 9	95.5%	95.5%	95.5%	95.5%
Dataset 10	95.5%	95.5%	95.5%	95.5%

Meeting details

People (20)

Add people

Host controls

Participants:

- Anshu Gurjar
- AJURAG RANEDGE
- anushka dhangrade
- Arya Bagde
- dhavesh joshi
- Dhavin patil
- Cyber Prima Prima Presenter
- Cyber Prima Prima
- Anushka dhangrade

1:24 PM 11/20/2020



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - I

Innovation & Leadership

EVENT OUTCOME ATTAINMENT THROUGH INDIRECT EVALUATION

Class:SE,TE	Course: Add on Course
Technical Event	Faculty Name: Prof. Tambre Keshav

Attainment Level	L1	L2	L3
	50	60	70
	More than 50 % students indicated attainment	More than 60 % students indicated attainment	More than 70 % students indicated attainment
	1	2	3

Course Outcomes	No. Of Students Indicated Level of Attainment					Percentage (Total X 100/No.Of Students X 5)	Level of Attainment
	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)	Total	
EO1	12	13	7	0	0	133	83.1
EO2	13	0	18	0	0	119	76.8
EO3	17	0	13	0	0	124	82.7
EO4	15	0	16	0	0	123	79.4

Sign. of Faculty

Keshav



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - I

EVENT OUTCOME ATTAINMENT

Class:SE,TE	Course: Add on Course
Technical Event	Organizer: Prof. Tambre Keshav G

CO	CO Attainment Level Through Evaluation (c)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	3.00	1	2	2	2	2	2	2	2	-	-	-	2	-	-	-	-
EO2	3.00	1	2	2	2	2	2	2	2	-	-	-	2	-	-	-	-
EO3	3.00	1	2	2	2	2	2	2	2	-	-	-	2	-	-	-	-
EO4	3.00	1	2	2	2	2	2	2	2	-	-	-	2	-	-	-	-

PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
PO / PSO Attainment	0.75	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0	0	0	1.5	0	0	0	0
PO / PSO Attainment (%)	25	50	50	50	50	50	50	50	0	0	0	50	0	0	0	0

Sign of Faculty: *[Signature]*



Hope Foundation's
INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY(I²IT)
P-14, Rajiv Gandhi Infotech Park, Phase - I, Hinjawadi, Pune - 411 057



Certificate of Participation

This is to certify that
Manav Khakhi

participated in four days Add-On course "IoT & Big Data"
held on 07th to 10th Nov 2020 organized by the Department of
Information Technology, Hope Foundation's International Institute of
Information Technology(I²IT), Pune.

Prof. Sarang Saoji
HOD (IT)

Mr. Amey Tambe
Director- SoftTech Data Securities

Dr. Vaishali Patil
Principal

Made for free with Certify'em



Hope Foundation's
International Institute of Information Technology
Department of Information Technology

Feedback of Add on Course Security in "IOT & Big Data "

Academic Year 2020-21

Timestamp	Email address	1. Understand the key issues in big data management and its associated applications in intelligent business and scientific computing	2. Achieve adequate perspectives of big data analytics in various applications like recommender systems, social media applications	3. Understand IoT general models and security challenges	4. Understand different IoT protocols and their security measures
12-9-2020 15:53:58	a.a.mandilkar@gmail.com	very Good	Good	Good	Good
12-9-2020 15:54:31	palviacharya02@gmail.com	Good	Good	Good	Good
12-9-2020 15:54:52	sakeik_t1901@students.isquareit.edu.in	very Good	Excellent	Excellent	Good
12-9-2020 16:00:43	bhavinip_t18043@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent
12-9-2020 16:01:11	atharvpawar4141@gmail.com	Excellent	Excellent	Excellent	Excellent
12-9-2020 16:02:49	aishwaryaborade575@gmail.com	very Good	Good	Good	Excellent
12-9-2020 16:10:50	sharayup_t18016@students.isquareit.edu.in	very Good	Good	Excellent	Excellent
12-9-2020 16:10:55	mpbandewar004@gmail.com	Excellent	Excellent	Excellent	Excellent
12-9-2020 16:12:26	himanshum_t19042@students.isquareit.edu.in	Good	Good	Good	Good
12-9-2020 16:13:15	samikshanehe03@gmail.com	Excellent	Excellent	Excellent	Excellent
12-9-2020 16:13:21	rajanisonavane01@gmail.com	Excellent	Good	Good	Excellent
12-9-2020 16:15:04	mrunalc_T19002@students.isquareit.edu.in	very Good	Good	Good	Good
12-9-2020 16:19:46	shreyas.shrawage2000@gmail.com	Excellent	Excellent	Excellent	Excellent
12-9-2020 16:42:41	omkarbhor2908@gmail.com	Excellent	Excellent	Excellent	Good
12-9-2020 16:51:38	bagnawaraniket66@gmail.com	Excellent	Excellent	Excellent	Excellent
12-9-2020 17:40:04	komaldeore97@gmail.com	very Good	Good	Good	Good
12-9-2020 17:40:28	ajinkya.gothankar@gmail.com	very Good	Good	Good	Good
12-9-2020 17:41:55	janhavip_t19055@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent
12-9-2020 17:49:07	manavkhakhi@gmail.com	very Good	Good	Excellent	Good
12-9-2020 18:26:04	nikitav_t19070@students.isquareit.edu.in	very Good	Good	Excellent	Excellent
12-9-2020 19:10:51	sayalikh_TN1814@students.isquareit.edu.in	Good	Good	Excellent	Excellent
12-9-2020 19:41:42	surajtandei01@gmail.com	very Good	Good	Fair	Fair
				Good	Good

12-9-2020 21:48:34	parthp_t19001@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent	Excellent
12-10-2020 10:14:31	khooshit_T19046@students.isquareit.edu.in	Good	Good	Good	Excellent	Good
12-10-2020 10:14:44	lokeshm_t18059@students.isquareit.edu.in	Excellent	Excellent	Excellent	Fair	Good
12-10-2020 10:14:53	siddheshm_T19005@students.isquareit.edu.in	Excellent	Good	Good	Excellent	Excellent
12-10-2020 10:15:17	gayatrishinde641@gmail.com	Good	Good	Good	Good	Excellent
12-10-2020 10:17:01	shrutivijayjadhav@gmail.com	Good	Fair	Good	Good	Good
12-10-2020 10:32:56	janvin_t19026@students.isquareit.edu.in	Good	Good	Good	Good	Good
12-10-2020 12:21:51	anushkad_t18024@students.isquareit.edu.in	very Good	Excellent	Excellent	Excellent	Good
12-10-2020 14:09:06	ayush.munshi10@gmail.com	very Good	Good	Good	Excellent	Excellent
12-10-2020 14:51:01	yashashreemahale2001@gmail.com	very Good	Excellent	Excellent	Excellent	Good



Hope Foundation's
International Institute of Information Technology
Department of Information Technology

Feedback of Add on Course Security in "IOT & Big Data "

Academic Year 2020-21

Outcomes	Understand the key issues in big data management and its associated applications in intelligent business and scientific computing	Achieve adequate perspectives of big data analytics in various applications like recommender systems, social media applications	Understand IoT general models and security challenges	Understand different IoT protocols and their security measures
Excellent	12	13	17	15
Very Good	13	0	0	0
Good	7	18	13	16
Satisfactory	0	0	0	0
Poor	0	0	0	0


Prof. Saoji Sarang
 HOD(IT)



Department of Information Technology

Academic Year 2020-21

Class- SE & TE

Date: - 27/02/20201

Name of Department: Department of Information Technology

Name of HOD: Prof. Sarang Saoji

Resource Person: Mr. Sagar Nangare

Name of Add on Course Coordinator: Prof. Keshav Tambre

.....

1. **Name of Event:** Python and Data Science with Machine Learning”
2. **Date of Execution:** 07/11/2020 to 10/11/2020
3. **Duration of Event:** Eight Hours/Day.
4. **Number of Participants:** 85
5. **Estimated Budget:** Rs.20000/- Only
6. **Total Expenditure:** Rs. 20000/- Only
7. **Enclosure:**

- Permission letter from Principal
- Resume of resource person
- Schedule of the course
- Student Attendance
- Report & Photographs
- CO-PO attainment
- Certificates
- Feedback



Hope Foundation's
International Institute of Information Technology (I²IT)
Hinjawadi, Pune- 411057

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2020-21, Semester-II

Date: 23/02/2021

To
The Principal,
Hope Foundation's International Institute of Information Technology, Pune-57

Subject: Permission for the Add on Course on **"Python and Data Science with Machine Learning"**
Respected Madam,

With respect to the above subject, department of Information Technology is organizing Add on Course from 24/02/2021 to 27/02/2021 at I²IT, Pune for TE/BE students on Python and Data Science with Machine Learning. Duration of the event is 8 hrs/day starting on the date 24/02/2021 at 9:00 am.

The resource person details:

Name of the Expert: Mr Sager Nangare

Affiliation/Designation: CEO

Name of the Industry/Organization: SAGVEEK Technologies

Email ID: sagarnangare1691@gmail.com

Contact Number: 9975340319

Remuneration required: **Rs-20000/-**

Objectives of the Event

EOB1: To introduce the prominent methods for machine learning

EOB2: To study the basics of supervised and unsupervised learning

EOB3: To become familiar with Dimensionality Reduction Techniques

Outcomes of the Event:

Students Should be able to:

EO1: Distinguish various learning approaches, and to interpret the concepts of supervised learning and unsupervised learning

EO2: Compare and understand the different Dimensionality Reduction Techniques.

EO3: Apply concepts of decision trees to identify best split using Gini Index and Entropy.

EO4: Demonstrate the working of Neural Networks

EO-PO Mapping Matrix

EO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	3	3	3	1	-	-	-	-	1	-	-	2	1	2	-	-
EO2	3	3	3	1	-	-	-	-	1	-	-	1	1	2	1	-
EO3	3	3	3	1	-	1	-	-	1	-	-	1	2	1	1	-
EO4	3	3	3	1	-	-	-	-	1	-	-	2	1	1	1	-

We request you to grant us the permission with reference to the subject mentioned above.

Keshav
Mr. Tambre Keshav
Event Coordinator

Sarang
Mr. Sarang Sarang
HoD (IT)

CC: (1) Department (2) Accounts

Permitted.
Mel
23/02/21

Resume

SAGAR SHIVAJI NANGARE

✉ sagy9975340919@gmail.com

+91-9975340919

Git: <https://github.com/sagynangare>

OBJECTIVE

To be a part of the hardworking team that aims at a goal which explores skills and knowledge of the subject willing to work as a player in the challenging and creative environment.

Experience

- Currently working as **Founder and CEO** at **Sagveek Technologies Ltd**, Shivaji Nagar, Pune from **October-2018 to Till Date**
- Worked as **Software Engineer** at Neeeyamo Enterprises Pvt. Ltd from **August 2014 to Sept 2018**

Academic Qualification

- B.E.(Computer Science & Engineering) from Solapur University with 6.76 (CGPA) in 2014
- 12th science from MSBTE with 64.7% in 2009
- 10th from MSBTE with 67.73% in 2007

Technical Qualification

- **Programming Languages** : Python, R programming
- **Frameworks** : Django, REST API, Flask
- **Tools** : GIT
- **Operating systems** : Linux, Windows
- **Github Link** : <https://github.com/sagynangare>,

Project Details

Project - 1:

Title	Design a Low Latency Trading System in Python.
Company	Sagveek Technologies Ltd.
Role	Python Developer
Description	Designing the trading systems in Python from scratch.

Responsibility	- Development and enhancement of Trading System according to client's requirement. - I have designed and created low latency modules like logger, socket library, fix protocol parser, signal handling and event handling model.
Team size	2
language	Python Socket Programming, Python Script.
Tools	GIT

Project - 2:

Title	Bloomberg Market Data(B-PIPE) Feed Handler Development
Company	Neeyamo Enterprises Pvt Ltd.
Role	Python Developer
Description	Designing the B-PIPE feed handler to handle real time market data coming from Bloomberg server and delivering it to client in desired format.
Responsibility	- Development and enhancement of B-PIPE feed handler for corresponding exchange. - Full-fledged testing of B-PIPE market data feed handler.
Team size	4
language	Python, Socket Programming, Shell Script.
Tools	GIT

Project - 3:

Title	SMDS (Market Data Solution)
Company	Neeyamo Enterprises Pvt. Ltd
Role	Python Developer
Description	SMDS consist of High speed Market Data Feed Handlers. SMDS currently provides Market Data Access to North American, European and Asian Exchanges. Designing the SMDS feed handler to handle market data coming from various Stock Exchanges for cash market and delivering it to client in desired format.
Responsibility	- Troubleshoot the bugs raised by clients and Provide solutions. - Develop and enhance features as per the client request. - Full-fledged testing of SMDS market data feed handler. - Design and development of data quality testing framework.
Team size	4
language	Python, STL, Socket Programming, Shell Script.

Tools	GIT

Project - 4:

Title	Locomate – VehicularConnectivity
Company	Neeeyamo Enterprises Pvt Ltd
Role	Python Developer
Description	Based on 802.11p WLAN standard, United States Department of Transportation has devised specifications for Intelligent Transportation System (ITS), with the moto of avoiding road accidents. ITS will shape future of advanced transportation utilizing wireless technology. Main products are: • Locomate ASD: Onboard unit placed inside the automotive. Connects with other ASDs and RSUs to get position data and creates a Local Dynamic Map with location of all vehicles in the vicinity. Calculates the threat level and displays the warning and signal info on HMI. • Locomate RSU: Road Side Unit placed at signal poles. Connects with all ASDs within the range and forwards the traffic signal info and other road / lane related info to all the nodes.
Responsibility	• Designed and developed safety applications based on GPS data in coordination with the team. • TIM (Traveler Information) packet processing for generating V2I (Vehicle to Infrastructure) safety events. • Designed and developed applications to create a packet logger in ETSI (Europe transportation system Institute) Standard. • Written more than 100 CLISH commands for configuring different features and parameters from front-end, data validation and processing in backend. • Automated over 150 sanity and feature test cases provided by testing team. • Written script to fetch the code from GIT, build image and flash into devices. • Written script to perform each test case in the target board based on configurable priority, generate the final report, and send it over email.
Team size	7
language	Python, Shell scripts, Multithreading
Network Protocol	TCP/IP.
Tools	GIT.

Personal Skills

- Enthusiastic, flexible and capable of working on own initiative
- Good observation skills to grab right opportunity
- Good technical skills that can help in company's productivity
- Learning from my personal as well as professional experience

Personal Information

Date of Birth : 01st June 1991

Sex : Male

Nationality : Indian

Marital Status : Unmarried

Permanent Address : At/post: Bemble, Tal:-Madha, Dist: - Solapur (MH) 413211

Present Address : Navale Residency, Pimple Saudagar, Tal: - Haveli, Pune (MH) 411027

Contact no : +91-9975340919

Languages Known : English, Hindi, and Marathi

Declaration

I hereby declare that all information given above is true to the best of my knowledge and belief.

Place: Pune

Date: | 2019

Yours faithfully,
Sagar Shivaji Nangare



Python and Data Science with Machine Learning Training

Install Anaconda Distribution as per OS from

[https://www.anaconda.com/distribution/\(Python 3.8 version\)](https://www.anaconda.com/distribution/(Python 3.8 version))

2. Sign Up for account creation on <https://www.hackerrank.com/>

3. Sign up for account creation on <https://www.kaggle.com/>

4. Sign up for account creation on <https://github.com/>

5. Git Bash Utility - <https://git-scm.com/downloads>

Module 1: Data Analysis using Numpy and Pandas

a) Numpy

- Numpy Vector and Matrix
- Functions – arange (), zeros (), ones (), linspace (), eye (),
- reshape (), random (), max (), min (),
- argmax (), argmin (), shape and dtype attribute
- Indexing and Selection
- Numpy Operations – Array with Array, Array with Scalars,
- Universal Array Functions

b) Pandas

- Pandas Series
- Pandas Data-Frame
- Missing Data (Imputation)
- Group by Operations
- Merging, Joining and Concatenating Data-Frame.
- Pandas Operations
- Data Input and Output from wide variety of formats like csv, excel, db and html etc.

Module 2: Data Visualization using Matplotlib, Seaborn, Pandas-in built

a. Matplotlib

- plot() using Functional approach
- multi-plot using subplot()
- plt.figure() using OO API Methods
- add_axes(), set_xlabel(), set_ylabel(), set_title() Methods



- Customization – figure size, improving dpi, Plot appearance,
- Markers, Control over axis appearance and special Plot Types
- b. Seaborn**
 - Distribution Plots using `distplot()`, `jointplot()`, `pair-plot()`, `rugplot()`, `kdeplot()`
 - Categorical Plots using `barplot()`, `countplot()`, `box-plot()`, `violinplot()`, `stripplot()`, `swarmplot()`, `fac-torplot()`
 - Matrix Plots using `heatmap()`, `clustermap()`
 - Grid Plots using `PairGrid()`, `FacetGrid()`
 - Regression Plots using `lmplot()`
 - Styles and Colors customization
- c) Pandas Built-in**
 - Histogram, Area Plot, Bar Plot, Scatter Plot, Box-plot, Hex-plot, Kde-plot, Density Plot e. Choro-pleth Maps
 - Interactive World Map and US Map using Plotly and Cufflinks Module

Module 3: Jupyter Notebook

- Introduction
- Basic Commands
- Keyboard Shortcut and Magic Functions

Module 4: GIT

- Distribution Version Control System
- How internally, GIT Manages Version Control on Changesets.
- Creating Repository
- Basic Commands like, `git status`, `git add`, `git re-move`, `git branch`, `git checkout`, `git log`, `git cat-file`, `git pull`, `git push`, `git commit`
- Managing Configuration – System Level, User Lev-el, Repository level

Module 5: Machine Learning Introduction

- What is Machine Learning?
- Machine Learning Process Flow-Diagram
- Different Categories of Machine Learning –
 - Supervised
 - Unsupervised
 - Reinforcement Learning



- Scikit-Learn Overview
- Scikit-Learn cheat-sheet

Module 6: Regression

Linear Regression

Robust Regression (RANSAC Algorithm)

Exploratory Data Analysis (EDA)

Correlation Analysis and Feature Selection

Performance Evaluation –

Residual Analysis,

Mean Square Error (MSE)

Co-efficient of Determination R^2

Mean Absolute Error (MAE)

Root Mean Square Error (RMSE)

Polynomial Regression

Regularized Regression

Ridge, Lasso

Elastic Net Regression

Bias-Variance Trade-Off

Cross Validation

Hold Out

K-Fold Cross Validation

Data Pre-Processing –

Standardization

Min-Max

Normalization and Binarization

Module 7: Classification – Logistic Regression

Sigmoid function

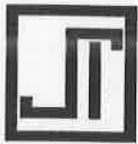
Logistic Regression learning using Stochastic Gradient Descent (SGD)

SGD Classifier

Measuring accuracy using Cross-Validation, Stratified k-fold

Confusion Matrix – True Positive (TP), False Positive (FP), False Negative (FN), True Negative (TN)

Precision, Recall, F1 Score, Precision/Recall Trade- Off, Receiver Operating Characteristics (ROC) Curve.



Module 8: Classification –Decision Trees

- CART (Classification and Regression Tree)
- Advantages and Disadvantages and its applications.
- Decision Tree Learning algorithms – ID3, C4.5, C5.0 and CART.
- Gini Impurity, Entropy and Information Gain
- Decision Tree Regression
- Visualizing a Decision Tree using graphviz module.
- Regularization using tuning hyper-parameters using GridSearch CV

Module 9: Classification - Ensemble Methods

- Bootstrap Aggregating or Bagging
- Random Forest algorithm
- Extremely Randomized (Extra-Trees) Ensemble
- Boosting – AdaBoost (Adaptive Boosting), Gradient Boosting
- Machine (GBM), XGBoost (Extreme Gradient Boosting)

Module 10: Unsupervised Learning – Clustering

- Connectivity- based Clustering using Hierarchical Clustering.
- Ward's Agglomerative Hierarchical Clustering
- K-Means Clustering
- Elbow Method and Silhouette Analysis

Module 11: Unsupervised Learning – Dimensionality Reduction

- Linear Principal Component Analysis (PCA) reduction.
- Kernel PCA
- Linear Discriminant Analysis (LDA) on Supervised Data



Module 12: Advance NLP with deep-learning overview

- Computational Linguistic.
- History of NLP.
- Why NLP.
- Use of NLP
- NLP Components
- NLP Ambiguity
 - Lexical Ambiguity
 - Syntactic Ambiguity
 - Referential Ambiguity
- Natural Language Understanding
- Natural Language Generation
 - Text Planning
 - Sentence Planning
 - Text Realization

Module 13: Feature Engineering

- Filter Methods
- Wrapper Methods
- Embedded Methods

Module 14: Neural Network

- A Simple Perception
- Neural Network overview and its use case.
- Various Neural Network architect overview.
- Multilayer Network
- Loss Functions.
- The Learning Mechanism.
- Optimizers.
- Forward and Backward Propagation.
- Gradient Descent
- DL algorithms- ANN, CNN, RNN

Department of Information Technology

Attendance of Add on Course "Python and Data Science with Machine Learning "

Roll No	Name of Student	24-Feb		25-Feb		26-Feb		27-Feb	
		Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
TI01	AADESH	P	P	P	P	P	P	P	P
TI02	AASHUTOSH	A	P	A	P	A	P	A	P
TI03	AAYOU	A	P	P	P	A	P	P	P
TI04	ABHISHEK	P	P	P	P	P	P	P	P
TI05	ABHISHEK	P	P	P	P	P	P	P	P
TI06	AISHWARYA	P	P	P	P	P	P	P	P
TI07	AJINKYA	P	P	P	P	P	P	P	P
TI08	AMEY	P	P	P	P	P	P	P	P
TI09	ANIKET	P	P	P	P	P	P	P	P
TI10	ANKITA	P	P	P	P	P	P	P	P
TI11	ANSHIKA	P	P	P	P	P	P	P	P
TI12	ANURAG	P	P	P	P	P	P	P	P
TI13	ANURAG	A	P	P	P	P	P	P	P
TI14	ANUSHKA	P	P	P	P	P	P	P	P
TI15	ATHARVA	P	P	P	P	P	P	P	P
TI16	AVANI	P	P	P	P	P	P	P	P
TI17	BHAVESH	P	P	P	P	P	P	P	P
TI18	BHAVINI	P	P	P	P	P	P	P	P
TI19	CHIRAG	P	P	P	P	P	P	P	P
TI20	DAKSH	A	A	P	P	P	P	P	P
TI21	AKASH	A	A	A	A	A	A	A	A
TI22	DEEPAK	A	P	A	A	A	A	A	A
TI24	DHANSHRI	A	A	P	P	P	P	P	P
TI25	GAYATRI	A	A	P	P	P	P	P	P
TI26	HARDIK	A	A	P	P	A	A	A	A
TI27	HET	A	A	P	P	P	P	P	P
TI28	HIMANSHU	A	A	P	P	P	P	P	P
TI29	JAGRUTI	A	A	P	P	A	A	P	P

Department of Information Technology

Attendance of Add on Course "Python and Data Science with Machine Learning "

Roll No	Name of Student	24-Feb Session I	24-Feb Session II	25-Feb Session I	25-Feb Session II	26-Feb Session I	26-Feb Session II	27-Feb Session I	27-Feb Session II
TI30	KAMAL	P	P	P	P	P	P	P	P
TI31	KIRTI	A	A	P	P	P	P	P	P
TI32	KOMAL	P	P	P	P	P	P	P	P
TI33	KOUSHIK	A	A	A	A	A	A	A	A
TI34	KRITIKA	A	A	P	P	P	P	P	P
TI35	LAVANYA	A	A	P	P	P	P	P	P
TI36	LAVISH	A	P	P	P	P	P	P	P
TI37	LOKESH	P	P	P	P	P	P	P	P
TI38	NAMRATA	A	A	A	A	A	A	A	A
TI39	NIHARIKA	A	P	P	P	P	P	P	P
TI40	NIKHIL	A	A	P	P	P	P	P	P
TI41	OMKAR	P	P	P	P	P	P	P	P
TI42	PALVI	P	P	P	P	P	P	P	P
TI43	NIKET	A	A	A	A	A	A	A	A
TI44	Prachi	A	A	A	A	A	A	A	A
TI45	POOJA	P	P	P	P	P	P	P	P
TI46	PRADYUMNA	P	P	P	P	P	P	P	P
TI47	PRANAV	P	P	A	A	A	A	P	P
TI48	PRATEEK	P	P	A	A	A	A	A	P
TI49	PRATHAMESH	A	A	P	P	P	P	P	P
TI50	PRATIBHA	P	P	P	P	P	P	P	P
TI51	PRATIK	P	P	P	P	P	P	A	A
TI52	PRATIKSHA	A	P	P	P	P	P	A	P
TI53	PREETI	P	P	P	P	P	P	A	P
TI54	RADHIKA	A	A	A	A	P	P	A	A
TI55	RAJNI	P	P	P	P	P	P	P	A
TI56	RATIKESH	A	P	P	P	P	P	A	A
TI57	RIYA	P	P	P	P	A	A	P	P
TI58	RUPESH	A	P	P	P	A	A	A	A



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Attendance of Add on Course "Python and Data Science with Machine Learning "

Roll No	Name of Student	24-Feb Session I	24-Feb Session II	25-Feb Session I	25-Feb Session II	26-Feb Session I	26-Feb Session II	27-Feb Session I	27-Feb Session II
TI59	SAHEB		P	P	P	P	P		
TI60	SAKET	P	P	P	P	P	P		P
TI61	SAKSHI	P	P	P	P	P	P	P	P
TI62	SAMIKSHA	P	P	P	P	P	P	P	P
TI63	SANDESH		A	A	A	A	A		
TI64	SANTOSH	A	A	P	P	P	P		
TI65	PRAATHMESH	A	A	A	A	A	A		
TI66	RAMESH	A	A	A	A	A	A		
TI67	SANVED	A	A	A	A	A	A		
TI68	SAYALI	P	P	P	P	P	P	P	P
TI69	SHARAYU	P	P	P	P	P	P	P	P
TI70	SHIVAM	P	P	P	P	P	P	P	P
TI71	SHREYA	A	A	A	A	A	A		
TI72	SHREYAS	A	P	P	P	P	P	P	P
TI73	SHRIKANT	A	P	P	P	P	P	P	P
TI74	SHRUTI	A	A	A	A	A	A		
TI75	SHUBHAM	P	P	P	P	P	P	P	P
TI76	SHUBHAM	P	P	P	P	P	P	P	P
TI77	SIDDHANT	A	A	A	A	A	A		
TI78	SIDDHARTH	A	A	P	P	P	P		
TI79	SIDDHI	P	P	P	P	P	P	P	P
TI80	SIDDHI	P	P	P	P	P	P	P	P
TI81	SNEHA	P	P	P	P	P	P	P	P
TI82	SOURABH	A	A	A	A	A	A		
TI83	SURAJ	P	P	P	P	P	P	P	P
TI84	SWATI	P	P	P	P	P	P	P	P
TI85	TANISHQ	A	A	A	A	A	A		
TI86	YASH	P	P	P	P	P	P	P	P
TI87	TAPISH	A	A	A	A	A	A		



**Hope Foundation's
International Institute of Information Technology,
Hinjawadi, Pune – 411057**

Department of Information Technology

Activity Report

Academic Year: 2020 - 2021

Name of Event:Add On Course

Topic:“ Python and Data Science with Machine Learning”

Date & Time of Conduction: 24/02/2021 to 27/02/2021 9:00 AM to 5:00 PM

Venue:International Institute of Information Technology, Pune

Coordinator:Prof. Keshav Tambre

Number of Participants:85

Activity Description in Nutshell: The Department of Information Technology has organized the Add on Course dated 24th ,25th ,26th and 27th Feb 2021 at I2IT, Pune for TE,BE students on “Python and Data Science with Machine Learning”. The duration of the event is 32 hours (8 hours/day) started on the date 24/02/2021 at 09:00 AM.

Due to the Covid-19 pandemic, the Add on Course was conducted through online mode The link is shared with all the students. The resource person was heartily welcomed by Prof. Keshav Tambre,Assistant Professor Information Technology. Mr. Sagar Nangare was the resource person for the Course.

First Expert Mr Sagar Nangare instructed to install the latest Python version if not installed & to install the Anaconda software with Jupyter Notebook. Apart from this told about version control system. He helped Students to install all the things required and gave a demonstration of how to install the softwares and use the Github platform.

About Github:

Distribution Version Control System

How internally, GIT Manages Version Control on

Changesets. Creating Repository

Basic Commands like, git status, git add, git re-move, git branch,

git checkout, git log, git cat-file, git pull, git push, git commit

Managing Configuration – System Level, User Lev-el, Repository level

The next we were introduced was the 'Numpy' library. We were taught all the basics of the Numpy module and its uses to create multidimensional array.

e.g.:

Numpy Vector and Matrix

Functions – arange (), zeros (), ones (), linspace (), eye (),

reshape (), random (), max (), min (),

argmax (), argmin (), shape and dtype

attribute Indexing and Selection

Numpy Operations – Array with Array, Array with Scalars,

Universal Array Functions

'Pandas' is an another python module used for data analysis and data arrangement and etc. Some of the functions that were taught at the time are as follows:

Pandas Series

Pandas Data-Frame

Missing Data

(Imputation) Group by

Operations

Merging, Joining and Concatenating Data-

Frame. Pandas Operations

Data Input and Output from wide variety of formats like csv, excel, db and html etc.

After Data framing and analysis comes the visual representation part. It is very important to have a good visual representation of the data analysis performed, to get the better insights on how the data explains itself for better results. For that we were introduced to the 'Matplotlib', 'Seaborn' and 'Pandas-inbuilt'.

Matplotlib functions:

plot() using Functional

approach multi-plot using

subplot() plt.figure() using OO

API Methods

add_axes(), set_xlabel(), set_ylabel(), set_title()

Methods Customization – figure size, improving dpi, Plot

appearance, Markers, Control over axis appearance and

special Plot Types Seaborn functions:

Distribution Plots using distplot(), jointplot(), pair-plot(), rugplot(), kdeplot()

Categorical Plots using barplot(), countplot(), box-plot(), violinplot(), stripplot(), swarmplot(), fac- torplot()

Matrix Plots using heatmap(),

clustermap() Grid Plots using

PairGrid(), FacetGrid() Regression Plots

using lmlplot()

Styles and Colors customization

Pandas Built-in:

Histogram, Area Plot, Bar Plot, Scatter Plot, Box-plot, Hex-plot, Kde-plot, Density Plot e. Choro-pleth Maps

Interactive World Map and US Map using Plotly and Cufflinks Module

After Data Science he introduced to the topic of Machine Learning & taught about some basic things and then FAQs session.

Machine Learning session involved following things:

What is Machine Learning?

Machine Learning Process Flow-

Diagram Different Categories of

Machine Learning –

1. Supervised
2. Unsupervised
3. Reinforcement

Learning Scikit-Learn

Overview Scikit-Learn

cheat-sheet

Some important Machine Learning algorithms like Regression were taught. Here are some of the 'regression Algorithms':

Linear Regression

Robust Regression (RANSAC

Algorithm) Logistic Regression,

Decision Trees.

At last taught the NLP (Natural Language Processing) : Computational Linguistic, History of NLP, Why NLP, Use of NLP, NLP Components, NLP Ambiguity, Lexical Ambiguity, Syntactic Ambiguity, Referential Ambiguity, Natural Language Understanding, Natural Language Generation, Text Planning, Sentence Planning, Text Realization

Some Topics like Feature Engineering and RNN, CNN were briefed.

After that the question answer session and useful resources were shared for better understanding and practise of the learners.

Basic and frequently used algorithmic techniques including sorting, searching, greedy algorithms and dynamic programming. Familiarity with Python installation, syntax and design. At the end of this workshop, Mr. Sagar demonstrates the designing of small running projects. He conducted a doubt session & performance of students.



Hope Foundation's
**International Institute of
Information Technology (I²IT)**
P-14 Rajiv Gandhi InfoTech Park, Phase-I, Hinjawadi, Pune-57

Department of Information Technology

Date: 01/03/2021

Academic Year 2020-2021

Photographs

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with handwritten notes. The notes include the sigmoid function formula: $\sigma(x) = \frac{1}{1 + e^{-x}}$ and the expression $\max(E(1 \text{ to } n) y | w(x))$. The slide also features a scatter plot with handwritten annotations. The bottom of the screen shows a toolbar with icons for chat, share screen, and other meeting controls. On the right side, there is a list of participants, including Keshav Gopinath Tambe (Organizer), Sahab, Ajinkya Gothankar (Guest), Ankita Shete, Anushka Deshpande (Guest), Atharva Pawar (Guest), Avani Shete (Guest), Bhavini Patil (Guest), and Chirag.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with a confusion matrix. The matrix is labeled 'ACTUAL' and 'PREDICTED'. The cells are: TP (True Positive), FP (False Positive), FN (False Negative), and TN (True Negative). Handwritten notes explain each cell: 'Correctly Predicted COVID-19 patients are not' for TP, 'Incorrectly Predicted COVID-19 patients are not' for FP, 'Incorrectly predicted COVID-19 patients are' for FN, and 'Correctly predicted COVID-19 patients are' for TN. The bottom of the screen shows a toolbar with icons for chat, share screen, and other meeting controls. On the right side, there is a list of participants, including Keshav Gopinath Tambe (Organizer), Sahab, Abhishek Mandlikar (Guest), Ajinkya Gothankar (Guest), Anand Abasaheb Bhosle, Ankita Shete, Anushka Deshpande (Guest), Atharva Pawar (Guest), and Avani Shete (Guest).



Hope Foundation's
International Institute of Information Technology
Department of Information Technology

Feedback of Add on Course "Python and Data Science with Machine Learning"

Academic Year 2020-21

Roll No	Name of Student	Mobile Number	Timestamp	Email address	Distinguish various learning approaches, and to interpret the concepts of supervised learning and unsupervised learning.	Compare and understand the different dimensionality reduction techniques	Apply concepts of decision trees to identify best split using Gini Index and Entropy	Demonstrate the working of Neural Networks
TI001	Aadesh Jadhav	8855948511	3-2-2021 13:31:55	aadeshfriends@gmail.com	Very Good	Excellent	Excellent	Very Good
TI002	Aashutosh Bhardwaj	09680288433	3-2-2021 16:56:15	aashutosh2899@gmail.com	Very Good	Very Good	Very Good	Excellent
TI004	Abhishek Mandlikar	+919172034640	3-2-2021 15:12:00	a.a.mandlikar@gmail.com	Very Good	Very Good	Very Good	Excellent
TI005	Abhishek Chopda	+919325457650	3-2-2021 15:12:51	abychopda@gmail.com	Very Good	Very Good	Very Good	Good
TI010	Ankita Shete	9960595464	3-2-2021 14:36:28	ankitashete108@gmail.com	Excellent	Excellent	Very Good	Excellent
TI011	Anshika Khandelwal	08058390599	3-2-2021 15:23:26	anshikakhandelwal2000@gmail.com	Very Good	Very Good	Good	Excellent
TI012	Anurag Sanghvi	9021379885	3-2-2021 15:09:26	anurag152000singh@gmail.com	Very Good	Good	Satisfactory	Good
TI013	ANURAG BANSODE	9637875895	3-2-2021 13:42:04	Anuragbansode10@gmail.com	Excellent	Excellent	Good	Very Good
TI014	Anushka Deshpande	7769948003	3-2-2021 13:50:24	anushkad_t18024@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent
TI015	Atharva Pawar	7304007770	3-2-2021 13:29:13	atharvpawar4141@gmail.com	Excellent	Very Good	Very Good	Excellent
TI016	Avani Shete	9403957768	3-2-2021 13:34:52	avanis_t18050@students.isquareit.edu.in	Excellent	Excellent	Very Good	Very Good
TI017	Bhavesh Bhadane	7020783971	3-2-2021 13:37:59	bhaveshbhadane064@gmail.com	Excellent	Excellent	Excellent	Excellent
TI018	Bhavini Patil	8788068122	3-2-2021 13:24:12	bhavinipatil1979@gmail.com	Excellent	Excellent	Excellent	Excellent
TI019	Chirag Fatnani	8237001231	3-2-2021 15:04:52	chiragr@gmail.com	Very Good	Very Good	Good	Very Good
TI024	Dhanshri Jaywant rajput	9765101545	3-2-2021 15:53:32	riturajput2112000@gmail.com	Excellent	Very Good	Good	Good
TI025	Gayatri Rajendra Shinde	8378944053	3-2-2021 13:36:28	gayatrishinde641@gmail.com	Very Good	Very Good	Excellent	Very Good
TI030	Kamal Varna	9764004679	3-2-2021 15:12:46	varmakamalrajendra@gmail.com	Very Good	Very Good	Good	Good
TI032	Komal Deore	9766483588	3-2-2021 13:24:39	komaldeore97@gmail.com	Excellent	Excellent	Excellent	Excellent
TI033	Koushik Pandilwar	9156677802	3-2-2021 15:17:31	koushikpandilwar303@gmail.com	Very Good	Very Good	Very Good	Very Good
TI035	Lavanya Bodele	9422318926	3-2-2021 15:06:14	lavanya.bodele@gmail.com	Good	Very Good	Very Good	Very Good
TI036	lavish gupta	8941027306	3-2-2021 14:08:51	lavishgupta029@gmail.com	Good	Excellent	Excellent	Excellent
TI041	Omkar Bhor	9139214479	3-2-2021 13:23:04	omkarbhor2908@gmail.com	Very Good	Excellent	Excellent	Excellent
TI042	Pavi Acharya	7798685304	3-2-2021 13:29:01	paviacharya02@gmail.com	Good	Good	Good	Good
TI046	Pradyumna Shirude	9665374428	3-2-2021 13:27:07	pns862000@gmail.com	Excellent	Very Good	Very Good	Excellent
TI048	Prateek	08699340993	3-2-2021 15:18:34	prateekpate19878@gmail.com	Very Good	Very Good	Very Good	Good
TI050	Pratibha Adhav	7796218907	3-2-2021 14:35:36	pratibhaadhav51@gmail.com	Very Good	Excellent	Excellent	Excellent
TI053	Preeti kumari	8319476368	3-2-2021 13:25:18	preetikumarigiri1998@gmail.com	Excellent	Excellent	Excellent	Very Good
TI054	Radhika Khandelwal	9829642743	3-2-2021 15:29:54	kradhika974@gmail.com	Very Good	Good	Excellent	Good

Roll No	Name of Student	Mobile Number	Timestamp	Email address	Distinguish various learning approaches, and to interpret the concepts of supervised learning and unsupervised learning.	Compare and understand the different dimensionality reduction techniques	Apply concepts of decision trees to identify best split using Gini Index and Entropy	Demonstrate the working of Neural Networks
TI057	Riya Waghmare	9146810589	3-2-2021 19:19:56	dhanmarathisas@gmail.com	Excellent	Excellent	Very Good	Very Good
TI058	Rupesh Chincholkar	09637609051	3-2-2021 13:53:50	rupeshchincholkar689@gmail.com	Excellent	Excellent	Excellent	Excellent
TI059	Sahab Singh Chandok	7030740666	3-2-2021 15:22:01	sahebchandok2001@gmail.com	Excellent	Excellent	Excellent	Excellent
TI060	Saket Khopkar	7744044414	3-2-2021 15:18:26	saketk_td1901@students.isquareit.edu.in	Very Good	Good	Very Good	Good
TI061	Sakshi kodilkar	9975820498	3-2-2021 13:23:50	ksakshi2708@gmail.com	Excellent	Very Good	Very Good	Excellent
TI062	Samiksha Nehe	9767039599	3-2-2021 13:33:03	samikshanehe03@gmail.com	Excellent	Excellent	Excellent	Excellent
TI064	Santosh Jadhav	9764145056	3-2-2021 14:30:43	santoshjadhavsgl@gmail.com	Very Good	Excellent	Excellent	Very Good
TI067	Sanved Bahendwar	8830999122	3-2-2021 13:33:52	sanved862@gmail.com	Excellent	Excellent	Excellent	Excellent
TI069	Sharayu Pisal	9405959926	3-2-2021 13:24:32	sharayupisal@gmail.com	Very Good	Very Good	Very Good	Excellent
TI07	Ajinkya Gothankar	7219147899	3-2-2021 13:30:14	ajinkya.gothankar@gmail.com	Very Good	Very Good	Very Good	Excellent
TI070	Shivam mahadik	8483910538	3-2-2021 15:04:36	shivammahadik@gmail.com	Very Good	Very Good	Very Good	Very Good
TI072	Shreyas Shrawage	+918975704756	3-2-2021 15:05:14	shreyas.shrawage2000@gmail.com	Very Good	Very Good	Very Good	Very Good
TI075	Shubham Ramteke	8856096939	3-2-2021 13:24:04	rshubham049@gmail.com	Excellent	Excellent	Excellent	Excellent
TI076	Shubham Mishra	7744935597	3-2-2021 14:05:39	shubhammishra4579@gmail.com	Very Good	Very Good	Excellent	Good
TI077	Siddhant Bhope	8788860934	3-2-2021 15:36:10	siddhant.bhope@gmail.com	Very Good	Very Good	Very Good	Very Good
TI079	Siddhi Sonar	9403885371	3-2-2021 15:28:02	siddhasonar@gmail.com	Very Good	Very Good	Very Good	Very Good
TI08	Amey Potnurwar	9075556043	3-2-2021 13:23:32	ameypotnurwar06@gmail.com	Excellent	Excellent	Excellent	Excellent
TI081	Sneha Dixon	9172206733	3-2-2021 15:29:03	sneha103dixon@gmail.com	Very Good	Very Good	Very Good	Good
TI083	Suraj Tandel	9545702985	3-2-2021 15:04:22	surajtandel01@gmail.com	Excellent	Excellent	Excellent	Excellent
TI084	swati	09370407887	3-2-2021 17:11:16	karanjkarswati610@gmail.com	Excellent	Very Good	Very Good	Excellent
TI086	Yash Jane	8975912034	3-2-2021 14:54:28	yashjane99@gmail.com	Excellent	Excellent	Excellent	Excellent
TI09	Aniket Bagnawar	08830166289		bagnawaraniket66@gmail.com	Excellent	Excellent	Very Good	Excellent
TI28	Himanshu Tijare	9922256595	3-2-2021 13:35:31	hmttijare@gmail.com	Excellent	Excellent	Excellent	Excellent
TI29	Jagruiti	9284236693	3-2-2021 15:25:28	jagrutigirase880@gmail.com	Very Good	Excellent	Satisfactory	Excellent
TI31	Kirti	9112010519	3-2-2021 15:14:10	kirtisingh3008@gmail.com	Very Good	Excellent	Very Good	Very Good
TI37	Lokesh Malkani	9545711125	3-2-2021 15:25:37	lokeshmalkani04@gmail.com	Excellent	Excellent	Excellent	Excellent
TI39	Niharika Bisht	7558569058	3-2-2021 14:25:43	niharikab_t18055@students.isquareit.edu.in	Good	Good	Good	Very Good
TI40	Nikhil Bastia	9359877632	3-2-2021 13:32:24	nikhilbastia7@gmail.com	Good	Very Good	Good	Good
TI49	Prathamesh Papade	9405059724	3-2-2021 16:26:19	pspapade@gmail.com	Very Good	Very Good	Very Good	Very Good
TI68	Sayali Bajarang Kshirsag	9552512935	3-2-2021 13:23:14	sayaibk17@gmail.com	Excellent	Good	Very Good	Very Good
TI78	Siddharth Barlake	7888038304	3-2-2021 15:04:18	siddharthb_t18028@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent
TI80	Siddhi Agarwal	7498673435	3-2-2021 15:05:42	siddhiagarwal0611@gmail.com	Very Good	Very Good	Very Good	Very Good
TI056	Ratikesh Gaonkar	7249394375	3-2-2021 15:41:50	ratikeshgaonkar23@gmail.com	Excellent	Excellent	Excellent	Excellent
TI073	shrikant sabde	9309755215	3-2-2021 15:08:48	shrikantsabdew7@gmail.com	Very Good	Excellent	Excellent	Very Good



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - II

EVENT OUTCOME ATTAINMENT THROUGH INDIRECT EVALUATION

Class:SE,TE	Course: Add on Course
Technical Event	Faculty Name: Prof. Tambre Keshav

Attainment Level	L1	L2	L3
	50	60	70
	More than 50 % students indicated attainment	More than 60 % students indicated attainment	More than 70 % students indicated attainment
	1	2	3

Course Outcomes	No. Of Students Indicated Level of Attainment					Percentage (Total X 100/No.Of Students X 5)	Level of Attainment
	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)	Total	
EO1	27	31	4	0	0	271	87.4
EO2	27	28	7	0	0	268	86.5
EO3	26	26	8	2	0	262	84.5
EO4	27	22	13	0	0	262	84.5

Sign. of Faculty



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - II

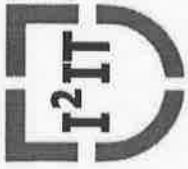
EVENT OUTCOME ATTAINMENT

Class: TE	Course: Add on Course
Technical Event	Organizer: Prof. Tambre Keshav G

CO	CO Attainment Level Through Evaluation (c)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	3.00	3	3	3	1	-	-	-	-	1	-	-	2	1	2	-	-
EO2	3.00	3	3	3	1	-	-	-	-	1	-	-	1	1	2	1	-
EO3	3.00	3	3	3	1	-	1	-	-	1	-	-	1	2	1	1	-
EO4	3.00	3	3	3	1	-	-	-	-	1	-	-	2	1	1	1	-

PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
PO / PSO Attainment	2.25	2.25	2.25	0.75	0	0	0	0	0.75	0	0	1.25	0.75	1.25	0	0
PO / PSO Attainment (%)	75	75	75	25	0	0	0	0	25	0	0	41.667	25	41.667	0	0

Sign of Faculty: 



Hope Foundation's

International Institute of Information Technology

P-14, Rajiv Gandhi Infotech Park, Phase - I, Hinjawadi, Pune - 411 057



SAGVEEK
Technologies

Certificate of Participation

This is to certify that

Anurag Sanghwi

participated in four days Add-On course “Python & Data Science with Machine Learning” held on 24th to 27th Feb 2021 organized by the Department of Information Technology, Hope Foundation's International Institute of Information Technology(I²IT), Pune.

Prof. Sarang Saoji
HoD (IT)

Mr. Sagar Nangare
CEO, SAGVEEK Technologies

Dr. Vaishali Patil
Principal



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RTGS/NEFT IFS Code : PUNB0110710

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PAY **Mr. Sagar Shivaji Nangare**

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International Institute of Information Technology

Authorised Signatory(ies)

VHF

PLEASE SIGN ABOVE

⑈ 130250⑈ 4110240424

31

Received
Sagar
11/03/2021

केवल तीन माह के लिये वैध VALID FOR THREE MONTHS ONLY

A Four Days Add-On course on "Software Engineering - A Practitioner's Approach" dated 6th, 7th, 13th, and 14th March 2021.

Hodit I2IT <hodit@isquareit.edu.in>
to , faculty, Principal, Adesh, sanketmjh

Thu, Mar 4, 12:30 PM

Dear All,

The Department of Information Technology is organizing a Four Days Add-On course on "Software Engineering - A Practitioner's Approach" dated 6th, 7th, 13th, and 14th March 2021.

Mr. Sanket Mahajan, Adjunct Faculty, IT Department is the resource person for the Add-on course. He has a total of 13 years of experience in software testing. His resume is attached to this email.

The timing of the course is 9:00 AM to 3:00 PM including the lunch break. The course is scheduled for SE IT students.

The link (Microsoft Teams/Google Meet) will be shared with you shortly.

Thanks and Regards,

Mr. Sarang A. Saoji
HoD & Assistant Professor, Department of Information Technology
Hope Foundation's
International Institute of Information Technology,
Hinjawadi, Pune
www.isquareit.edu.in

Activate Windows
Go to Settings to activate Windows.

4:19:37 PM
16-03-2021

SANKET N. MAHAJAN

Mobile: +919881373864

Email: sanketmjin@gmail.com

Passport#: G5461545

Visa: B1 valid thru 11/2024

**EXPERIENCE SUMMARY**

- > **12 Yrs.** of experience in Software Testing
- > Experienced Test Lead for on-shore and off-shore teams, including hiring, mentoring, and performance appraisals
- > Proficient in **SFDC Sales and Service cloud, Siebel v 8.1.3, Siebel v7, Informatica MDM**
- > Experienced in developing and implementing comprehensive SDLC and Agile testing methodologies
- > Proficient in co-ordination with global Business Users, Business Analysts, Development and QA teams ensuring clear understanding of project objectives and deliverables
- > Involved as Test Lead in full life cycle of SFDC implementation for **Sales and Service Cloud**
- > Proficient in Automation Testing tools like Selenium Web Driver, SOAP UI
- > Involved in **Continuous Integration Testing** using Selnuim and Jenkins
- > Involved as Siebel Tester in full life cycle Siebel Call center implementation

EMPLOYMENT HISTORY

Name of the Company	Designation	Duration
BMC Software, India Pvt. Limited	Staff Specialist QA	From Oct 2013 – Till Date
Cognizant Technology Solutions, India Pvt Limited	Consultant-CRM	From Dec 2010 – Oct 2013
IBM India Pvt. Ltd, Pune	Application Developer	From May 2008 - Dec 2010

TECHNICAL KNOWLEDGE & SKILLS

Area	Skills
Applications/Tools	CRM: Salesforce (Sales and Service Cloud), Siebel Call Center, Informatica MDM Defect Management: Rally, IBM Clear Quest, HP Quality Center Database Tools: SQL developer, PostgreSQL, Workbench, SFDC Data Loader Automation: Selenium Web driver 3.0 and SOAP UI Performance: Silk Performer Others: SOAP UI, Beyond Compare, Snap Logic, Jenkins and ANT
Operating Systems	Windows 98/XP, 2007,2008, Windows 10

TRAININGS & CERTIFICATIONS

- **Certified Salesforce Administrator** (SFDC ADM 201)
- SFDC Trail Head - Obtained **Ranger Rank** with **104 Badges**
- Certified **Scrum Master**
- Certified **DevOps Master**
- Certified **SAFe Agile** Practioner
- **SeU** Certified Selenium Engineer (**CSE**)
- Certified **CDA** from DevOps Institute
- Siebel essentials 8.0 certified from Oracles
- ITIL foundation

Achievements

- Awarded as a Star performer award for 2016-17 by BMC Software Pvt. Ltd. for outstanding performance as QA Lead for **MDM Release 2.0 project**
- Awarded as a Star performer award for 2015-16 by BMC Software Pvt. Ltd. for outstanding performance as Test Lead for **BMC Service Cloud project**
- Awarded as a Star performer award for 2014-15 by BMC Software Pvt. Ltd. for outstanding performance as individual contributor for **CPQ 2.0 project**
- Awarded as Star Employee of the Quarter for Award by Cognizant Technology and Solution Pvt. Ltd. For **NGCRM project**
- Awarded Gold Medalist for being Topper in Male category in Final year examination of B.E. I.T

EDUCATION SUMMARY

Name of the Institution/Board	Course	Year of Passing	Percentage Marks
ICFAI University	MBA	2013	Grade A
Amravati University	B.E. in I.T.	2007	71%

PROJECT SUMMARY

1. BMC Product Master

Company	BMC Software Ltd.
Primary Role	QA Lead
Roles & Responsibilities:	• Responsible for preparing the test strategy and test plan • Provide QA estimates and inputs to SOW while preparing the business case • Responsible for the coordination between the offshore QA team and onsite BSA/Dev team • Responsible for assigning the tasks to resources • Creating and reviewing the Test scripts • Preparing the Requirement Traceability Matrix • Planning the test execution cycles • Responsible for timely submission of Test status and Defect status reports to intended Stakeholders • Integration and E2E Testing - Responsible for creating and maintaining test scripts and share the results after each run to Stake holders • Automation: Responsible for creating and maintaining Automation scripts and share the results after each run to Stake holders • Responsible for preparing the Test strategy and getting approved from Business and Solution Architect. • Responsible for QA sign off and provide the Test completion report to Stake holders.

2. Customer MDM

Company	BMC Software Ltd.
Primary Role	QA Lead
Roles & Responsibilities:	• Responsible for preparing the test strategy and test plan • Provide QA estimates and inputs to SOW while preparing the business case • Responsible for the coordination between the offshore QA team and onsite BSA/Dev team • Responsible for assigning the tasks to resources • Creating and reviewing the Test scripts • Preparing the Requirement Traceability Matrix • Planning the test execution cycles • Responsible for timely submission of Test status and Defect status reports to intended Stakeholders • Responsible for QA sign off and provide the Test completion report to Stake holders • Automation: Responsible for maintaining Automation scripts and share the results after each run to Stake holders • Performance: Responsible for preparing the Test strategy and getting approved from Business and Solution Architect. Also, responsible for sharing results/report and QA sign off

3. Service Cloud

Company	BMC Software Ltd.
Primary Role	QA Lead
Roles & Responsibilities:	- Responsible for preparing the test strategy and test plan - Provide QA estimates and inputs to SOW while preparing the business case - Responsible for the coordination between the offshore QA team and onsite BSA/Dev team - Responsible for assigning the tasks to resources - Creating and reviewing the Test scripts - Preparing the Requirement Traceability Matrix - Planning the test execution cycles - Responsible for timely submission of Test status and Defect status reports to intended Stakeholders - Responsible for QA sign off and provide the Test completion report to Stake holders - Individual contribution in SFDC and legacy system integration test cases design and execution. Automation: Responsible for maintaining Automation scripts and share the results after each run to Stake holders - Responsible for preparing the Test strategy and getting approved from Business and Solution Architect. Also, responsible for sharing results/report and QA sign off

3. CPQ – Apttus Product on SFDC platform

Company	BMC Software Ltd.
Primary Role	QA Lead
Roles & Responsibilities:	- Responsible for preparing the test strategy and test plan. - Responsible for assigning the requirements to resources. - Creating and reviewing the Test scripts. - Preparing the Requirement Traceability Matrix - Planning the test execution. - Involved in SFDC and legacy system integration test cases design and execution. - Raising and reporting the defects. - Responsible for timely submission of Test status and Defect status reports to intended Stakeholders. - Responsible for maintaining Automation scripts and share the results after each run to Stake holders

4. NGCRM

Company	Cognizant Technology Solutions India Private Ltd.
Primary Role	QA – Module lead
Roles & Responsibilities:	- Understanding the Client Requirements. - Involved in Design walkthrough and internal reviews of test scripts. - Involved in Functional Testing of the application. - Involved in GUI, Regression and System Integration Testing. - Tested drill downs, Links, Views, Applets. - Tracking the defects using HP QC. - Participated in Defect management and Bug Reporting using bug-tracking tools. - Actively participated in System integration testing. Worked with AIA and Siebel team to test the end to end flow of application. - Using SOAP UI created mock request and carried out the integration testing for Applications under test

5. Idea CRM Crystal 2.0

Company	IBM India Pvt. Ltd, Pune
Primary Role	QA Tester (Individual Contributor)
Roles & Responsibilities:	• Understanding the Client Requirements. • Involved in Test Plan preparation. • Developed Test Cases for Account Mgmt and Service Request Mgmt • Involved in Design walkthrough and internal reviews of test scripts. • Involved in Functional Testing of the application. • Involved in GUI, Regression and System Integration Testing. • Tested drill downs, Links, Views, Applets. • Involved in Siebel Reports Testing. • Tracking the defects using IBM Clear Quest. • Participated in Defect management and Bug Reporting using bug-tracking tools. • Provide end user training.

PERSONAL DETAILS

Contact Address	Audumbar Society Wing A, Flat No: 404, Near Canal Road, Behind Vardhaman Petrol Pump, Warje, Pune-411052
Contact Details	+91-98813-73864
Date of Birth	10-06-1985
Nationality	Indian
Marital Status	Married
LinkedIn Page	https://www.linkedin.com/in/mahajansanket



Hope Foundation's

International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Add on Software Engineering A A Practitioner Approach Attendance

Rollno	First Name	Last name	06-Mar Session I	06-Mar Session II	07-Mar Session I	07-Mar Session II	13-Mar Session I	13-Mar Session II	14-Mar Session I	14-Mar Session II
SI01	AAYUSH	MUNSHI	P	P	P	P	A	A	A	A
SI02	ADINATH	KOLHAPURE	P	P	P	A	A	P	P	P
SI03	ADITYA	NAWALE	P	P	P	A	P	P	A	P
SI04	ADITYA	KOLEKAR	P	P	P	A	P	P	A	P
SI05	AISHWARYA	GHATGE	P	P	P	P	P	P	P	P
SI06	AISHWARYA	BORADE	P	P	P	P	P	P	P	P
SI07	AKHIL	BHALERAO	P	P	P	P	P	A	A	P
SI08	AKHILESH	PINGLE	A	A	A	A	A	A	A	A
SI09	AKSHADA	DANI	A	A	P	P	A	P	A	P
SI10	ANAND	TARTE	P	P	P	A	A	A	A	A
SI11	ANKIT	GUNJAL	P	P	P	P	A	P	A	P
SI12	ARYA	PATHRIKAR	P	P	P	P	P	P	P	A
SI13	ARYA	BAGDE	P	P	P	P	P	P	P	A
SI14	ASEEM	KHANDEKAR	P	P	P	P	P	P	P	P
SI15	ASHUTOSH	JADHAV	A	A	A	A	A	A	A	A
SI16	ASMITA	MOHITE	A	A	P	A	A	A	A	A
SI17	ATHARVA	KOKARE	P	P	P	P	P	P	P	A
SI18	BHAVESH	JOSHI	P	P	P	P	P	P	P	P
SI19	DAMINI	PATIL	A	A	P	P	A	P	P	A
SI20	DIBYANSU	SAHOO	A	A	A	A	A	A	A	A
SI21	DNYANESHWAR	PAWAR	P	P	P	P	P	A	A	A
SI22	GUNJAN	AGRAWAL	P	P	P	P	P	P	P	P
SI23	HIMANSHU	MAHALLE	P	A	A	A	A	A	A	A
SI24	JAGRUTI	PATEL	A	A	P	P	P	A	A	A
SI25	JANHAVI	PAWAR	P	P	P	P	P	P	P	P
SI26	JANVI	NANDRE	P	P	P	P	P	P	P	P
SI27	JITWAR	KURHADE	P	P	A	P	P	P	A	P
SI28	KHOOSHI	THOLE	P	P	P	P	P	P	P	P
SI29	KHUSHI	DHAK	P	P	P	P	P	P	P	P
SI30	MAHESH	BANDEWAR	P	P	P	P	P	A	P	A
SI31	MANAS	TOLE	P	P	A	A	A	P	P	P
SI32	MANAV	KHAKHI	P	A	P	A	P	A	A	A
SI33	MAYUR	TUNGAR	A	A	A	P	A	A	P	A
SI34	MRUNAL	CHOUDHARI	P	P	P	P	P	P	P	P



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57
Department of Information Technology

Add on Software Engineering A A Practitioner Approach Attendance

Rollno	First Name	Last name	06-Mar Session I	06-Mar Session II	07-Mar Session I	07-Mar Session II	13-Mar Session I	13-Mar Session II	14-Mar Session I	14-Mar Session II
SI35	NEEDHI	PATIL	P	P	P	P	P	A	P	P
SI36	NIKITA	RATHOD	P	P	P	P	P	P	P	P
SI37	NIKITA	VERMA	P	P	P	P	P	P	P	P
SI38	OM	LACHAKE	P	P	P	P	P	P	P	P
SI39	OM	GOSAVI	P	P	P	P	P	P	P	P
SI40	PARTH	PATIL	P	P	P	P	P	P	P	P
SI41	PIYUSHA	VYAVAHARE	A	P	P	P	A	P	P	A
SI42	PRANAV	MAHADIK	P	P	P	P	P	P	P	P
SI43	PRANAY	MALUSARE	P	P	A	A	P	P	P	P
SI44	PRUTHVI	INAMKE	P	P	P	P	P	P	P	P
SI45	PUSHKAR		A	A	A	A	A	A	A	A
SI46	RADHIKA	BHUTRA	P	P	P	P	P	P	P	P
SI47	RAJ	BALANI	A	P	A	A	P	A	P	A
SI48	RIA	NAIR	P	P	P	P	P	P	P	P
SI49	ROHINI	PAWAR	A	A	P	P	P	P	A	P
SI50	ROHIT	CHOUDHARY	P	P	A	A	P	P	P	A
SI51	RUCHA	LENDE	P	P	P	P	P	A	P	A
SI52	RUTUJA	MUSALE	P	P	A	P	P	P	A	A
SI53	SAMARTH	AHER	A	A	A	A	A	A	A	A
SI54	SAMYAK	SAHOO	P	P	A	A	A	P	A	A
SI55	SANKET	DHAWALE	P	P	P	P	P	P	P	P
SI56	SAURABH	PATRA	A	A	P	P	P	P	P	P
SI57	SAURABH	PARDESHI	P	A	P	A	A	A	A	A
SI58	SHREYASH	SHARMA	A	A	P	A	A	P	P	A
SI59	SHRUTI	JADHAV	P	P	P	P	A	A	A	A
SI60	SIDDARTH		A	A	A	A	P	P	P	P
SI61	SIDDHESH	MHATRE	P	P	P	P	P	A	A	A
SI62	SWARNIM		A	A	P	P	A	P	P	P
SI63	TEJAS	SOLE	P	P	P	P	A	A	A	A
SI64	VAISHNAVI	KHAMKAR	P	P	P	P	A	A	P	A
SI65	VARSHITHA		P	P	P	P	P	P	A	P
SI66	VIKRANT	KOLI	P	P	P	P	A	P	P	A
SI67	YASHASHREE	MAHALE	P	P	P	P	P	P	A	A



Department of Information Technology

Roll No	Name of Student		06-Mar		07-Mar		13-Mar		14-Mar	
			Session I	Session II	Session I	Session II	Session I	Session II		
TI01	AADESH	JADHAV	P	P	P	P	P	P	P	P
TI02	AASHUTOSH	BHARDWAJ	A	A	A	A	P	A	A	A
TI03	AAYOU	MANGWANI	P	A	A	P	A	A	P	A
TI04	ABHISHEK	MANDILKAR	P	P	P	P	P	P	P	P
TI05	ABHISHEK	CHOPDA	P	P	P	P	P	P	P	P
TI06	AISHWARYA	KULSHRESTHA	P	P	P	P	P	P	P	P
TI07	AJINKYA	GOHANKAR	P	P	P	P	P	P	A	A
TI08	AMEY	POTNURWAR	A	A	P	A	A	A	A	P
TI09	ANIKET	BAGNAWAR	P	P	P	P	A	A	A	A
TI10	ANKITA	SHETE	P	P	P	P	P	A	A	A
TI11	ANSHIKA	KHANDELWAL	P	P	P	P	P	P	A	A
TI12	ANURAG	SANGHWI	P	P	P	P	P	P	A	P
TI13	ANURAG	BANSODE	P	P	P	P	P	A	A	A
TI14	ANUSHKA	DESHPANDE	P	P	P	P	P	A	A	A
TI15	ATHARVA	PAWAR	P	P	P	P	P	P	P	P
TI16	AVANI	SHETE	P	P	P	P	P	P	P	A
TI17	BHAVESH	BHADANE	P	P	P	A	A	P	P	A
TI18	BHAVINI	PATIL	P	P	P	P	P	P	P	P
TI19	CHIRAG	FATNANI	P	P	P	P	P	P	P	P
TI20	DAKSH	PATEL	P	P	P	P	A	P	P	A
TI21	AKASH	KAMBLE	A	A	A	A	A	A	A	A
TI22	DEEPAK	SHINGADE	P	P	P	P	P	P	P	A
TI23	DEEPAK	SHINGADE	P	P	P	P	P	P	P	P
TI24	DHANSHRI	RAJPUT	P	P	P	P	P	A	P	A
TI25	GAYATRI	SHINDE	P	P	P	P	P	P	P	P
TI26	HARDIK	PATEL	P	P	P	A	A	P	P	P
TI27	HET	PATEL	A	A	P	P	A	P	P	A
TI28	HIMANSHU	TIJARE	P	A	A	A	A	A	A	A
TI29	JAGRUTI	GIRASE	A	A	P	P	P	P	P	A
TI30	KAMAL	VARMA	P	P	P	P	P	A	A	A
TI31	KIRITI	SUNILKUMAR	A	A	P	A	P	P	P	P
TI32	KOMAL	DEORE	P	P	P	P	A	A	A	A
TI33	KOUSHIK	PANDILWAR	A	A	A	A	A	P	P	P
TI34	KRITIKA	SINGH	P	P	A	A	P	A	A	A
TI35	LAVANYA	BODELE	P	P	P	P	P	A	P	P



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Roll No	Name of Student	06-Mar Session I	06-Mar Session II	07-Mar Session I	07-Mar Session II	13-Mar Session I	13-Mar Session II	14-Mar Session I	14-Mar Session II
TI36	LA VISH	P	P	P	P	P	P	A	A
TI37	LOKESH	P	P	P	P	P	P	A	A
TI38	NAMRATA	A	P	A	A	A	A	P	A
TI39	NIHARIKA	P	A	P	P	A	P	A	A
TI40	NIKHIL	A	A	A	A	A	A	A	P
TI41	OMKAR	P	P	P	P	P	P	A	P
TI42	PALVI	P	P	P	P	P	P	A	A
TI43	NIKET	A	A	P	P	A	P	P	P
TI44	Prachi	A	P	A	A	A	P	A	A
TI45	POOJA	A	A	P	A	P	A	A	A
TI46	PRADYUMNA	P	P	A	A	A	A	A	A
TI47	PRANAV	P	P	P	P	P	P	A	P
TI48	PRATEEK	P	P	P	P	P	P	P	P
TI49	PRATHAMESH	P	P	A	A	A	A	A	A
TI50	PRATIBHA	P	P	P	P	P	P	A	P
TI51	PRATIK	A	A	P	P	P	P	P	P
TI52	PRATIKSHA	A	A	P	A	A	A	A	A
TI53	PREETI	A	A	P	P	P	P	A	P
TI54	RADHIKA	P	P	P	P	P	P	A	A
TI55	RAJNI	P	P	P	P	P	P	P	P
TI56	RATIKESH	A	A	A	A	A	P	A	A
TI57	RIYA	P	P	A	P	A	A	A	A
TI58	RUPESH	A	A	P	P	P	P	A	P
TI59	SAHEB	A	A	A	A	A	A	A	A
TI60	SAKET	P	P	A	P	A	P	P	P
TI61	SAKSHI	A	A	P	P	A	A	A	A
TI62	SAMIKSHA	P	P	P	P	P	P	P	P
TI63	SANDESH	A	A	A	A	A	A	A	P
TI64	SANTOSH	P	P	P	P	A	P	A	A
TI65	PRATHMESH	P	A	P	P	A	A	P	P
TI66	RAMESH	A	P	A	A	P	A	A	A
TI67	SANVED	A	A	A	P	A	A	P	A
TI68	SAYALI	A	A	A	P	A	A	P	A
TI69	SHARAYU	P	P	P	A	P	A	P	A
TI70	SHIVAM	P	P	P	P	P	P	A	P



Hope Foundation's
International Institute of Information Technology, Hinjawadi, Pune - 57

Department of Information Technology

Roll No	Name of Student	06-Mar		07-Mar		13-Mar		14-Mar	
		Session I	Session II	Session I	Session II	Session I	Session II	Session I	Session II
TI71	SHREYA	A	A	A	A	A	A	A	A
TI72	SHREYAS	P	P	A	A	A	P	A	A
TI73	SHRIKANT	A	A	P	P	P	P	P	P
TI74	SHRUTI	P	P	P	P	P	P	P	P
TI75	SHUBHAM	P	A	P	A	P	P	A	P
TI76	SHUBHAM	A	A	P	A	P	P	A	P
TI77	SIDDHANT	P	A	P	P	P	P	P	P
TI78	SIDDHARTH	A	P	A	A	P	P	P	A
TI79	SIDDHI	P	P	P	P	P	P	A	A
TI80	SIDDHI	P	P	P	P	P	P	A	A
TI81	SNEHA	P	P	P	A	A	A	A	A
TI82	SOURABH	A	A	A	A	A	A	A	A
TI83	SURAJ	P	P	P	P	P	P	P	P
TI84	SWATI	P	P	P	P	P	P	P	P
TI85	TANISHQ	A	A	P	A	A	A	A	A
TI86	YASH	P	P	A	A	P	P	A	A
TI87	TAPISH	A	A	A	A	A	A	A	P

**International Institute of Information Technology,
Hinjawadi, Pune – 411057**

**Activity Report
(Add on Course)**

Academic Year: 2020-21

Name of Event: Add on Course

Topic: Software Engineering A A Practitioner's Approach

Date & Time of Conduction: 6th, 7th, 13th, and 14th March 2021.

Targeted Audience: TE BE

Venue: Coordinator: Mr Tambre Keshav

Number of Participants: 125

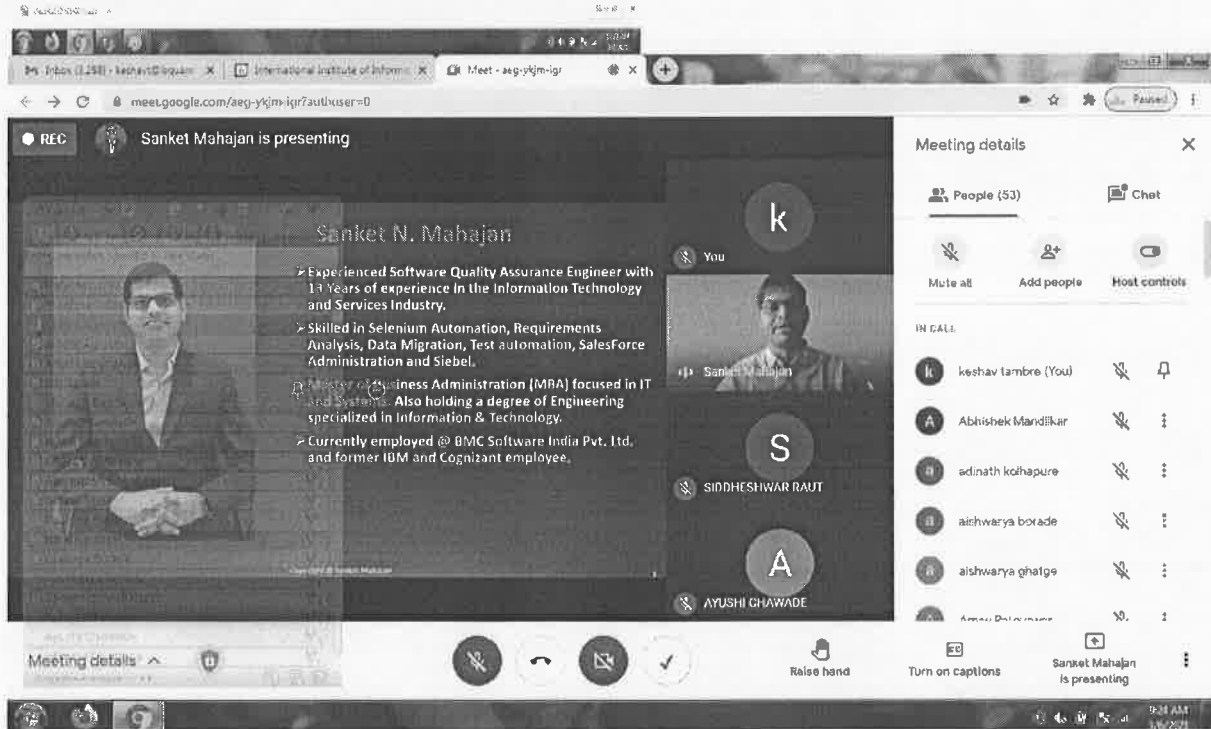
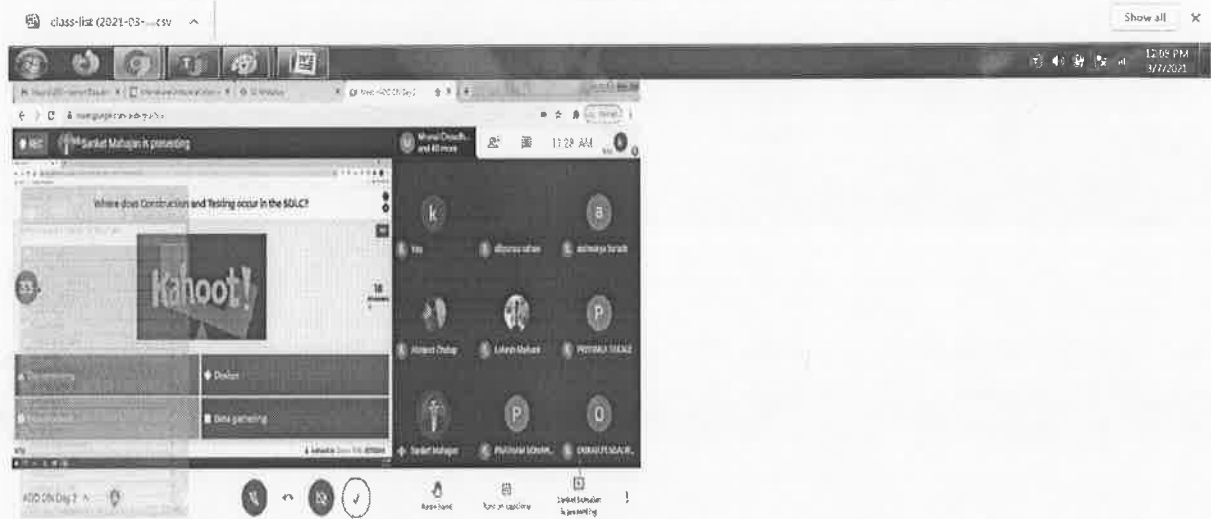
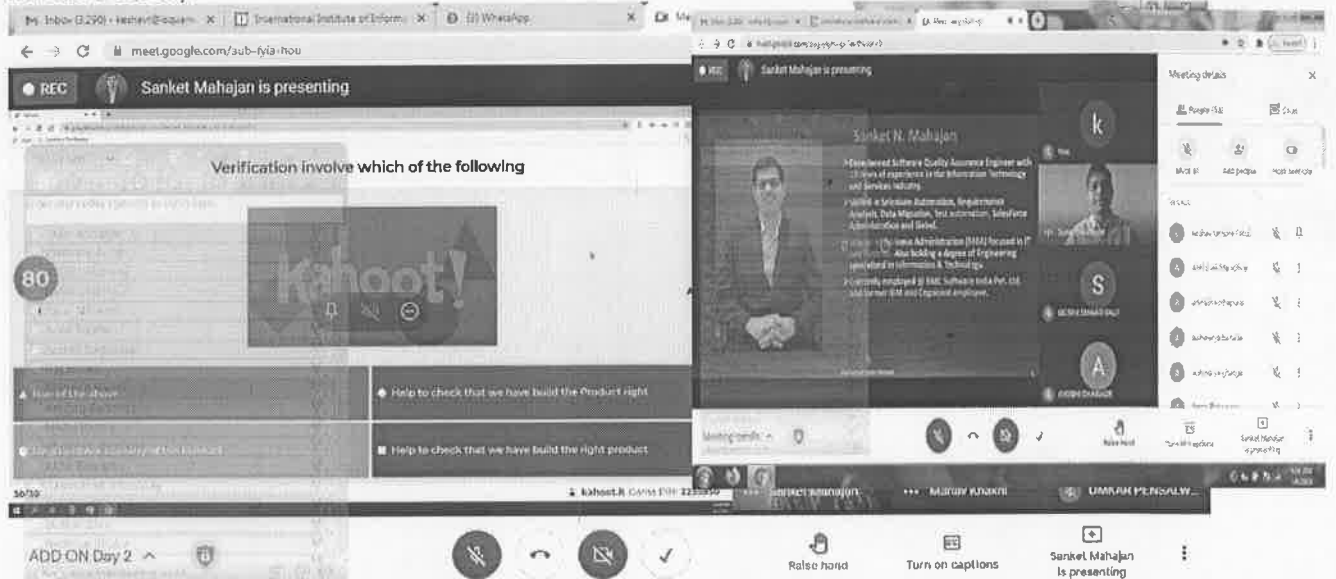
Activity Description in Nutshell:

Topics covered in the session : The Department of Information Technology has organized the Add on Course dated 06th, 06th, 13th and 14th March 2021 at I2IT, Pune for SE, TE, BE students on " **Software Engineering A A Practitioner's Approach**". The duration of the event is 32 hours (8 hours/day) started on the date 06/03/2021 at 09:00 AM.

Due to the Covid-19 pandemic, the Add on Course was conducted through online mode (Google meet). The link is shared with all the students. Mr. Sanket mahajin was the resource person for the Course. He has a total of 13 years of industry experience.. In his talk, he emphasized the importance of Software testing tools and how they work to find difficulty in consistency reliability of software modules. He has covered all testing tools and give outline of automation testing. The resource person has cleared all doubts/queries asked by the students. The event ended with a vote of thanks.

As per the feedback received from the students, it was a very good learning experience, this course helped them in their understanding the importance of software testing.

Event Photos:





Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - II

EVENT OUTCOME ATTAINMENT

Class:SE,TE	Course: Add on Course
Technical Event	Organizer: Prof. Tambre Keshav G

CO	CO Attainment Level Through Evaluation (c)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
EO1	3.00	2	1	2	2	2				-	-	-	1	2	-	1	-
EO2	3.00	2	2	2	2	2				-	-	-	1	2	-	1	-
EO3	3.00	2	1	1	2	2				-	-	-	1	2	-	1	-
EO4	3.00	2	2	1	2	2				-	-	-	1	-2	-	1	-

PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
PO / PSO Attainment	1.5	1.25	1.25	1.5	1.5	0	0	0	0	0	0	0.75	0.67	0	0.75	0
PO / PSO Attainment (%)	50	41.7	41.7	50	50	0	0	0	0	0	0	25	22.333	0	25	0

Sign of Faculty: 



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year : 2020 - 2021, Semester - II

EVENT OUTCOME ATTAINMENT THROUGH INDIRECT EVALUATION

Class:SE,TE	Course: Add on Course
Technical Event	Faculty Name: Prof. Tambre Keshav

Attainment Level	L1	L2	L3
	50	60	70
	More than 50 % students indicated attainment	More than 60 % students indicated attainment	More than 70 % students indicated attainment
	1	2	3

Course Outcomes	No. Of Students Indicated Level of Attainment					Percentage (Total X 100/No.Of Students X 5)	Level of Attainment
	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)	Total	
EO1	7	9	6	0	0	89	3
EO2	13	0	9	0	0	92	3
EO3	9	0	13	0	0	84	3
EO4	8	0	13	0	0	79	3

Sign. of Faculty



Hope Foundation's
International Institute of Information Technology
Department of Information Technology

Feedback of Add on Course "Software Engineering : A Practitioner's Approach "

Academic Year 2020-21

Timestamp	Email Address	1.CO1 :Knowledge of basic SW engineering methods and practices, and their appropriate application	2. CO2:Describe data models, object models, context models and behavioural models.	3. CO3:Understanding of software process models such as the waterfall and evolutionary models	CO4: Apply new software models, techniques and technologies to bring out innovative and novelistic solutions for the growth of the society
8-12-2021 10:29:18	khaimar.kalpesh15@gmail.com	very Good	Good	Good	Good
8-12-2021 10:30:27	shrutivijayadhav@gmail.com	Good	Excellent	Good	Good
8-12-2021 10:34:06	omkarbhor2908@gmail.com	Excellent	Excellent	Excellent	Excellent
8-12-2021 10:38:10	rautsiddharth1234@gmail.com	Excellent	Excellent	Excellent	Good
8-12-2021 10:42:06	anandt_t19020@students.isquareit.edu.in	Good	Good	Good	Good
8-12-2021 10:43:22	omkarp_TD2005@students.isquareit.edu.in	very Good	Excellent	Good	Excellent
8-12-2021 10:45:17	manavkhakhi@gmail.com	very Good	Good	Excellent	Good
8-12-2021 10:46:03	yashashreemahale2001@gmail.com	very Good	Excellent	Good	Excellent
8-12-2021 10:47:45	aishughatge@gmail.com	Excellent	Excellent	Excellent	Good
8-12-2021 10:48:56	rian_t19069@students.isquareit.edu.in	very Good	Good	Good	Good
8-12-2021 10:49:10	mrunalc_t19002@students.isquareit.edu.in	Good	Good	Good	Good
8-12-2021 10:51:35	pranaym_T19077@students.isquareit.edu.in	very Good	Good	Good	Good
8-12-2021 10:54:43	needhip_t19078@students.isquareit.edu.in	very Good	Excellent	Excellent	Good
8-12-2021 11:22:21	rituymahajan@gmail.com	Good	Good	Good	Excellent
8-12-2021 11:52:15	aashutosh2899@gmail.com	very Good	Good	Good	Fair
8-12-2021 14:07:07	daminiipatil334@gmail.com	very Good	Good	Good	Good
8-12-2021 15:29:52	swarnimr_t19009@students.isquareit.edu.in	Good	Excellent	Good	Excellent
8-12-2021 18:05:30	janhavip_t19055@students.isquareit.edu.in	Excellent	Good	Good	Good
8-12-2021 18:18:50	rajanisonavane01@gmail.com	Excellent	Excellent	Excellent	Excellent
8-12-2021 21:51:02	aishwaryaborade575@gmail.com	Good	Excellent	Good	Good
8-13-2021 11:54:53	shreyass_t18025@students.isquareit.edu.in	Excellent	Excellent	Excellent	Good
8-14-2021 10:03:44	anjalig_td2003@students.isquareit.edu.in	Excellent	Excellent	Excellent	Excellent



Hope Foundation's
International Institute of Information Technology
Department of Information Technology

Feedback of Add on Course "Software Engineering : A Practitioner's Approach "

Academic Year 2020-21

Outcomes	Knowledge of basic SW engineering methods and practices, and their appropriate application	Describe data models, object models, context models and behavioural models.	Understanding of software process models such as the waterfall and evolutionary models	Apply new software models, techniques and technologies to bring out innovative and novelistic solutions for the growth of the society
Excellent	7	13	9	8
Very Good	9	0	0	0
Good	6	9	13	13
Satisfactory	0	0	0	0
Poor	0	0	0	0


 Prof. Saoji Sarang
 HOD(IT)