



## ATS Microsoft Exam Report

Contents: Training details, exam dates and results


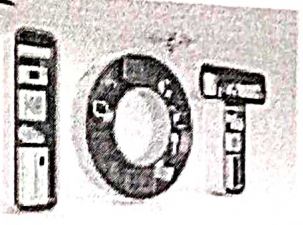
AY:2019-2020



*Anjali Yede*



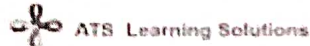
Syllabus  
Syllabus IOT :






- Other Options
- Rasp-Config
- Test

## New Course Content for 3-Day free Workshop on IOT

1. Understanding and introduction to Raspberry Pi (11hrs)
  - What is SOC?
  - Versions of Raspberry Pi & Their Difference
  - Raspberry Pi 4
  - Basics of Electronics
  - Hardware Description
  - Pi Configuration
2. OS Installation on SD Card (30Mins)
  - Downloading Image
  - Study Various Operating Systems Available
  - Making SD Card: Formatting and Partition
  - Raspberry Pi SD Installer
3. OS Configuration (30Mins)
  - Booting into Desktop
  - GUI Version
  - C/C++ Desktop
  - Changing Time zone
4. Network Setup (30Mins)
  - Setting Up Using GUI
  - Setting Up Using Command Line
  - Finding Pi's IP Address
  - Connecting with WiFi/LAN/Data card
5. GPIO (1hrs)
  - Study GPIO Pins
  - Libraries Using GPIO
  - Configuring GPIO Pins
6. Using SSI (30Mins)
  - Enabling SSI
  - Logging in using PiTty
  - Run Basic Commands
  - Use I2C
7. Linux (1hrs)
  - Understanding Linux
  - File Structure
  - Linux Commands
  - Permissions
8. Using Python (4hrs) with raspberry Pi 4
  - Understanding Python
  - Interpreted Languages
  - Variables, Keywords, Operators and Expressions
  - Data Types in Python
  - Flow Control
  - Conditional Statement
  - Loops
  - Importing Libraries
  - Functions
  - Classes
9. New addition with Microsoft certification on Python Using Python for web app for connecting with IOT devices. ( In addition to the above topics )
  - Decipher and structure code










Open with ▾

- Perform troubleshooting and error handling
- Perform operations using modules and tools
- Introduction to web frames works
- Flask
- Connecting with Think speak (data visualization)

AIS Learning Solutions



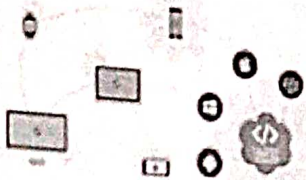
10. Working with Different sensors.

11. Project using raspberry Pi 3 and different sensors (mini)

<https://drive.google.com/file/d/0B1zrzByr9RRQTUtQa1pwOVdCTkpIV2E1a1dhUTHvVDhScVhn/view?usp=sharing&resourcekey=0-wzmyCn6cnWRXXpk4OhKtBq>



## Syllabus CPMA :






## Hybrid Mobile App Development

### Contents

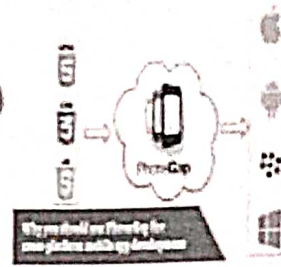
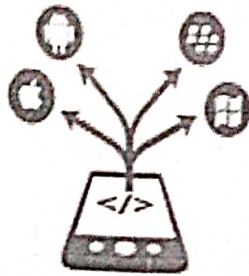
- Introduction to Mobile Apps
- PhoneGap Introduction
- History
- Architecture
- Introduction to HTML & CSS
- Basics
- Simple website making
- Styling using CSS
- Adding form validation using jQuery/Bootstrap
- Setting up of environment
- Downloading and installing PhoneGap
- Installing PhoneGap on iOS
- Making Hello-world
- Introduction and usage of PhoneGap Build Services
- User Interface Development with jQuery Mobile
- Introduction
- Creating Pages
- GUI making
- Navigation bar, buttons, grids and Other Controls
- Persisting data between jQuery Mobile pages
- PhoneGap API
  - Movement and Location
    - Detecting device movement using the accelerometer
    - Obtaining device geolocation sensor information
    - Retrieving map data through geolocation coordinates
  - File System, Storage, and Local Databases
  - Saving a file to device storage
  - Opening a local file from device storage
  - Displaying the contents of a directory
  - Creating a local SQLite database
  - Working with Audio, Images, and Video
  - Recording audio within your application
  - Playing audio files from the local filesystem
  - Capturing video using the devices video recording application
    - Loading a photograph from the devices camera
  - jQueryLibrary
    - Working with Your Contacts
      - Listing all available contacts
      - Displaying contact information for a specific individual
      - Creating and saving a new contact
    - Work with Native Events
      - Viewing your application
      - Resuming your application
      - Displaying the status of the device battery levels
      - Displaying network connection status
  - Extending PhoneGap with Plugins
    - Extending your Cordova application with a native plugin
    - Extending your Cordova iOS application with a native plugin
    - The plugin repository
  - Deploying and testing
    - Compiling it to APK files
    - Exporting to android device
    - Loading app on emulator
    - Testing app on Device
  - App Store Submission
    - Signing Android applications
    - Submitting the app to Google Play Store

This course teaches software developers to develop applications for mobile devices with the help of HTML5, CSS3, and JavaScript using third party App containers like Cordova and PhoneGap.

for more detail :

[https://drive.google.com/file/d/0B1ar5B1sR9QdPRoYXRkN1NQUUJNR1pAZUgVWk4ZS1uEulhoveFusp-sharing/essourcekey-4-0JRO8\\_JM24HR6AGM7DMA](https://drive.google.com/file/d/0B1ar5B1sR9QdPRoYXRkN1NQUUJNR1pAZUgVWk4ZS1uEulhoveFusp-sharing/essourcekey-4-0JRO8_JM24HR6AGM7DMA)



**3 Days work shop on Hybrid/Cross platform Mobile application**

development using **HTML5,**  
**CSS3 & JavaScript**

*From Basics to ————Development series*

**Get trained by Industry Experienced professionals @ ur campus.**

For **Details** **contact** **MR** \_\_\_\_\_ **MR**

**ProgramDetails.**

**Bundled with MTA certification**



Syllabus Security :

**ATS Network Security and Ethical Hacking**

**[1.] Hacking Psychology**

The next section will explain the purpose of ethical hacking and exactly what ethical hackers do. As mentioned earlier, ethical hackers must always act in a professional manner to differentiate themselves from malicious hackers. Gaining the trust of the client and taking all precautions to do no harm to their systems during a pen test are critical to being a professional.

- (1.) Concept of Ethical Hacking: Legal or illegal??
- (2.) Categories of Hackers[As per Knowledge]
- (3.) Categories of Hackers[As per Working]
- (4.) How to secure yourself from Attackers
- (5.) How to Stop Attackers
- (6.) Indian Cyber Law

**[2.] E-Mails: Exploitation and Security**

Forging an e-mail header to make it appear as if it came from somewhere or someone other than the actual source. The main protocol that is used when sending e-mail – SMTP – does not include a way to authenticate. There is an SMTP service extension (RFC 2554) that allows an SMTP client to negotiate a security level with a mail server. But if this precaution is not taken anyone with the know-how can connect to the server and use it to send spoofed messages by altering the header information.

**ATS Learning Solutions**

- (1.) What is an E-mail
- (2.) Working of E-mail
- (3.) Traveling of an E-Mail
- (4.) Email Servers
- (5.) E-mail Forgery and Spamming
- (6.) Security to Anonymous Mailing
- (7.) Attacks on E-Mail Password
- (8.) Securing the E-Mail Passwords
- (9.) Email Forensics

Typical email security products didn't. Phishing emails that link to infected websites cause many of today's information security breaches. Yet typical email security products use outdated methods from phishing's early days, when hackers attached viruses to emails. They can't catch blended email/web threats that can lead to malware infection. And they can't detect employee activities that can lead to data loss.



### [3.] Operating System Hacking & Security

Hacking systems and planting and/or sending malicious content are the two most performed actions by hackers. As an ethical hacker, it will be your responsibility to test systems against hacking and to be prepared for the different types of malicious content that hackers will try to get into your network environment. This course examines password cracking methodologies and tools, privilege escalation, rootkits, steganography and backdoor types and tools, and different types of viruses and worms and their countermeasures.

1. Introduction to System Software's
2. Windows Security Components and Working
3. Introduction to Virtual Machines
4. Implementation of Virtualization
5. Windows
6. Linux
7. Attacks on Windows Login Password
8. Other Security Measures
9. Windows Inbuilt Flaws and Security Loopholes
10. Invading into Computer System
11. Optimizing Windows Computer System
12. Restrict Hackers into box

A technical background with a solid understanding of networks and networking concepts, such as IP, IP Routing, and LAN Switching, as well as Windows and/or UNIX/LINUX operating systems.

### [4.] Malwares: Trojan, Viruses & Worms

Malware, short for malicious software, is software used to disrupt computer operation, gather sensitive information, or gain access to private computer systems. It can appear in the form of code, scripts, active content, and other software. Malware is a general term used to refer to a variety of forms of hostile or intrusive software.

Named after the Trojan Horse of ancient Greek history, a Trojan is a network software application designed to remain hidden on an installed computer. Trojans generally serve malicious purposes and are therefore a form of Malware, like viruses.

1. What are malwares?
2. Trojan
3. Trojan Attack Methods
4. Some Well Known Trojans
5. Detection of Trojan
6. Viruses
7. Working and Functionality of Viruses
8. Development
9. Development of Folder lockers
10. Registry tweaks and Tricks
11. Developing Professional Security too
12. Detection and Manual Removal



A **computer virus** is a type of malware that, when executed, replicates by inserting copies of itself (possibly modified) into other computer programs, data files, or the boot sector of the hard drive. When this replication succeeds, the affected areas are then said to be "infected".

A **computer worm** is a standalone malware computer program that replicates itself in order to spread to other computers. Often, it uses a computer network to spread itself, relying on security failures on the target computer to access it. Unlike a computer virus, it does not need to attach itself to an existing program. Worms almost always cause at least some harm to the network, even if only by consuming bandwidth, whereas viruses almost always corrupt or modify files on a targeted computer.

## [5.] Attacks Related to Network & Security (LAN/WLAN)

**Network security** consists of the provisions and policies adopted by a network administrator to prevent and monitor unauthorized access, misuse, modification, or denial of a computer network and network-accessible resources. Network security involves the authorization of access to data in a network, which is controlled by the network administrator. Users choose or are assigned an ID and password or other authenticating information that allows them access to information and programs within their authority.

1. Introduction to the LAN (Local Area Networks)
2. Back-Track: Penetration Tool
3. Secure Network Configuration

Security management for networks is different for all kinds of situations. A home or small office may only require basic security while large businesses may require high-maintenance and advanced software and hardware to prevent malicious attacks from hacking and spamming.

## ATS—Learning Solutions

### [6.] Web Server Attacks & Security

The HTTP (or HTTPS) protocol is the standard that makes it possible to transfer web pages via a request and response system. Mainly used to transfer static web pages, the web has quickly become an interactive tool making it possible to provide on-line services. The term "web application" refers to any application whose interface can be accessed on the web from a simple browser. Now the basis for a certain number of technologies (SOAP, Javascript, XML-RPC, etc.), the HTTP protocol plays an undeniable strategic role in information system security.

1. Introduction to Web Application Security
2. Understanding Attack Vectors
3. Web Application Attacks
4. SQL Injection
5. Google Dorks – Using Google as an Expert
6. Cross Site Scripting: XSS
7. Directory Traversal Attacks
8. Putting breaks on Web Application attacks
9. Mozilla Firefox as a Hacking tool





10. Bypassing Proxy - Intermediate
11. Using Google as Proxy
12. Remote File Inclusion for Opening Blocked Websites
13. Creating your Own Proxy Server

Attacks on web applications are always harmful since they give the company a bad image. A successful attack can have any of the following consequences:

- Website defacement,
- Stolen information,
- Modification of data, and particularly modification of users' personal data
- Web server intrusion

### [7.] *Software Reverse Engineering and Attacks on Demand*

Software Reverse Engineering (SRE) is the practice of analyzing a software system, either in whole or in part, to extract design and implementation information. A typical SRE scenario would involve a software module that has worked for years and carries several rules of a business in its lines of code. Unfortunately the source code of the application has been lost, what remains is "native" or "binary" code. Reverse engineering skills are also used to detect and neutralize viruses and malware, as well as to protect intellectual property. It became frighteningly apparent during the Y2K crisis that reverse engineering skills were not commonly held amongst programmers.

1. What is Reverse Engineering
2. Software - Definition
3. Disassembling the Software's
4. Software Cracking & Serial Key Phishing
5. Software Patching
6. Applying Application Security
7. Attacks on Demand

Since that time, much research has been undertaken to formalize just what types of activities fall into the category of reverse engineering so that these skills could be taught to computer programmers and testers. To help address the lack of software reverse engineering education, several peer-reviewed articles on software reverse engineering, re-engineering, reuse, maintenance, evolution, and security were gathered with the objective of developing relevant, practical exercises for instructional purposes. The research revealed that SRE is fairly well described and most of the related activities fall into one of two categories: software development-related and security-related.



2019-20

July 2019  
Training

**IoT**

July 1st to 7th July 2019

Batch 1 : Timing : 8:30 AM To 12:30 PM - Batch 2 : Timing : 1:30 PM To 5:30 PM –

**CPMA**

Date : 1st July To 4th July 2019

Timing : 9:30 AM To 5:00 PM

**Exam Details**

**Exam set I**

OCT 2019

Subject	No. of Students
CPMA	64
IoT	94

**Result details are available on**

Sr. No.	Name	Course	DIVISION	Course2	Marks	Result
1	Aditya Rakesh Deopurkar	B.E.	D12A	CPMA	85	Pass
2	Akshat Upadhyay	MCA	MCA 2A	CPMA		AB
3	Akshata Laxmikant Bahulekar	MCA	MCA 2A	CPMA	71	Pass
4	Amay Lekhraj Chugh	B.E.	D12A	CPMA	70	Pass
5	ANISH ADNANI	B.E.	D12B	CPMA	86	Pass
6	Anish Vaidya	B.E.	D12A	CPMA	91	Pass
7	Anjali Amin	B.E.	D12B	CPMA	80	Pass
8	Anmol Vaswani	B.E.	D12B	CPMA	73	Pass



*Bees*  
Dr. Anjali Yede 28



9	Anuraj Bhosale	B.E.	D12A	CPMA	73	Pass
10	Atharva Date	B.E.	D12A	CPMA	80	Pass
11	bhavesl lalwani	B.E.	D7C	CPMA	73	Pass
12	Bhavika Motiramani	B.E.	D12C	CPMA	72	Pass
13	Chaudhari Shital Sandeep	#N/A	#N/A	CPMA		AB
14	Chetas Shinde	B.E.	D12A	CPMA	90	Pass
15	Deepanjali Pandey	MCA	MCA 2A	CPMA	70	Pass
16	Dhanashree Shetty	B.E.	D12B	CPMA	85	Pass
17	Dimple Likhar	MCA	MCA 2A	CPMA		AB
18	DIVYA rajendra borse	B.E.	D12A	CPMA	78	Pass
19	Drishti parchani	B.E.	D12A	CPMA	76	Pass
20	Gaurav Marwal	#N/A	#N/A	CPMA	76	Pass
21	Gayatri Prakash Patil	B.E.	D12B	CPMA	81	Pass
22	Kanchan shownkeen	B.E.	D7C	CPMA	71	Pass
23	Karishma vijay chavan	MCA	MCA 2A	CPMA		AB
24	Krish Venkateshwaran	#N/A	#N/A	CPMA	82	Pass
25	Kunal Chugria	MCA	D12B	CPMA	74	Pass
26	Meetali Dulera	#N/A	#N/A	CPMA	74	Pass
27	Mohit Thorat	B.E.	D12A	CPMA	90	Pass
28	Neelam Nand Somai	B.E.	D12B	CPMA	68	Fail
29	Nikhil gaikwad	MCA	MCA 2A	CPMA		AB
30	Nikhil Joshi	B.E.	D12A	CPMA	82	Pass
31	Nilesh Talreja	B.E.	D12A	CPMA	68	Fail
32	Ojas Damankar	B.E.	D7C	CPMA	86	Pass
33	Pradyot Omprakash Chhatwani	B.E.	D12B	CPMA	82	Pass



34	Prateek Mehta	#N/A	#N/A	CPMA	88	Pass
35	Pratibha p	MCA	MCA 2A	CPMA		AB
36	Pratik Dilip Rane	B.E.	D12A	CPMA	84	Pass
37	Priyanka Awatramani	B.E.	D12A	CPMA	77	Pass
38	Purva Kiran Badgujar	B.E.	D12B	CPMA	76	Pass
39	Rahul Sohandani	#N/A	#N/A	CPMA	85	Pass
40	Rahul Tejawani	B.E.	D12B	CPMA	88	Pass
41	Rupesh Bhupendra Juyal	MCA	MCA 2A	CPMA	79	Pass
42	Sahil Lakho Talreja	B.E.	D12A	CPMA	85	Pass
43	Sahil Rajpal	B.E.	D12A	CPMA	82	Pass
44	salil sharma	MCA	MCA 2A	CPMA	73	Pass
45	Samay Ahuja	#N/A	#N/A	CPMA		AB
46	Sanica Kamble	#N/A	#N/A	CPMA	67	Fail
47	Sanjana Rajesh Narang	B.E.	D12B	CPMA	75	Pass
48	Sartha Tambe	B.E.	D12A	CPMA	72	Pass
49	shailendra singh	MCA	MCA 2A	CPMA	79	Pass
50	Sharique Sayed	MCA	MCA 2A	CPMA	77	Pass
51	Shriya Vijay Sawant	B.E.	D12A	CPMA	85	Pass
52	Simran Pandita	#N/A	#N/A	CPMA		AB
53	Sivanta Beera	#N/A	#N/A	CPMA	70	Pass
54	SONIA A THAKUR	B.E.	D12A	CPMA	77	Pass
55	Sreevidya Iyer	B.E.	D12B	CPMA	87	Pass
56	Srivatsan iyengar	B.E.	D12A	CPMA	90	Pass
57	Sujata Joshi	MCA	MCA 2A	CPMA	73	Pass
58	SUJOY MITRA	#N/A	#N/A	CPMA	65	Fail



59	Tamanna Saini	B.E.	D12B	CPMA	67	Fail
60	vaishak nambiar	#N/A	#N/A	CPMA	71	Pass
61	Vanshika Bhagchand Khanna	B.E.	D12B	CPMA	81	Pass
62	Vinit. P. Motwani	B.E.	D12A	CPMA	79	Pass
63	Vishal Gupta	MCA	MCA 2A	CPMA	71	Pass
64	Vrudhi israni	#N/A	#N/A	CPMA	72	Pass

Sr. No.	Name	Course	DIVISION	Course2	Marks	Result
1	Aadi Fernandes	B.E.	D6A	IoT	77	Pass
2	Abhishek Badh	#N/A	#N/A	IoT	95	Pass
3	Aditya Pravin Suryawanshi	B.E.	D6A	IoT	93	Pass
4	Aishwarya Chourasia	B.E.	D6B	IoT	83	Pass
5	AISHWARYA PATANGE	B.E.	D9B	IoT	97	Pass
6	Akash Pandey	B.E.	D9B	IoT		AB
7	AKSHATA MORE	B.E.	D9B	IoT	90	Pass
8	AKSHAYA AJAY KADAM	B.E.	D9C	IoT	92	Pass
9	Amar pal	B.E.	D9B	IoT	91	Pass
10	Amit Bangani	B.E.	D14B	IoT	89	Pass
11	Amol k wakchaure	B.E.	D6A	IoT		AB
12	Amrutlal Rajbhar	B.E.	D11B	IoT		AB
13	Aniket Patil	B.E.	D9B	IoT	91	Pass
14	Anisha Patnaik	B.E.	D9A	IoT	78	Pass
15	Anuja Mohanraam	B.E.	D9B	IoT	93	Pass
16	Anusha Krishnan	B.E.	D9B	IoT	95	Pass



17	Arya Kasulla	B.E.	D9B	IoT	94	Pass
18	Ashutosh Pandey	B.E.	D9B	IoT	92	Pass
19	Ashwin Selvarangan	B.E.	D9A	IoT	94	Pass
20	atharva ambre	B.E.	D9A	IoT	93	Pass
21	Bhairavi Vijay Sawantdesai	B.E.	D9B	IoT	94	Pass
22	Bhakti Shashikant Parab	B.E.	D9A	IoT	80	Pass
23	Chaitanya Moregaonkar	B.E.	D9B	IoT	93	Pass
24	Chinmay chikhalkar	B.E.	D9A	IoT	90	Pass
25	Deeksha Patkar	B.E.	D9A	IoT	94	Pass
26	Devendra Singh	B.E.	D14B	IoT	93	Pass
27	Devesh sawant	B.E.	D9A	IoT	91	Pass
28	Dhanashri Ashok Deokar	B.E.	D9A	IoT	82	Pass
29	Dhanesh Vakte	B.E.	D11B	IoT		AB
30	Dhruv Nambiar	B.E.	D6B	IoT		AB
31	Dinesh Parmeshwar Nimbane	#N/A	#N/A	IoT	92	Pass
32	Gaurav Shukla	B.E.	D14A	IoT	95	Pass
33	Girish Pawar	#N/A	#N/A	IoT	91	Pass
34	HARSHAL AVINASH SAWANT	B.E.	D14C	IoT	93	Pass
35	Harshal Pawar	B.E.	D9B	IoT	89	Pass
36	Harshali Milind Bhalerao	#N/A	#N/A	IoT		AB
37	hrishikesh dey	B.E.	D6A	IoT	37	Fail
38	Itisha Dalvi	B.E.	D6A	IoT	91	Pass
39	Ivan Phillip	B.E.	D8	IoT		AB
40	jigar pandya	B.E.	D6B	IoT	51	Fail
41	Jyeshtha Prabhu			IoT	89	Pass



42	Juhi Ajwani	B.E.	D9A	IoT	93	Pass
43	Kajal sharma	B.E.	D9C	IoT	83	Pass
44	Kautuki Nirgun	B.E.	D9A	IoT		AB
45	Kshitija Ramakant Kadam	B.E.	D9B	IoT	89	Pass
46	LABANA DEVENDRASINGH SANTOSHSINGH	B.E.	D9B	IoT		AB
47	Madhura Karadkar	B.E.	D14B	IoT	92	Pass
48	Manali Kathale	B.E.	D9C	IoT	95	Pass
49	Mayuresh Gawde	B.E.	D6A	IoT	70	Pass
50	Meghana Athanikar	B.E.	D9A	IoT	92	Pass
51	Mohsin Mubin Naik	B.E.	D9B	IoT	96	Pass
52	Mrinali dole	B.E.	D6B	IoT	86	Pass
53	Muskan Chelwani	B.E.	D9A	IoT		AB
54	Nameira Shaikh	B.E.	D6B	IoT	90	Pass
55	Neha badburao Sutar	B.E.	D8	IoT		AB
56	Nishant Patil	B.E.	D8	IoT		AB
57	Omkar parte	B.E.	D9B	IoT		AB
58	Omkar Patil	B.E.	D11B	IoT	79	Pass
59	Prajakta Dhopat	B.E.	D8	IoT	93	Pass
60	Pranav bindra	B.E.	D9B	IoT	95	Pass
61	Pranjali Thorat	B.E.	D6B	IoT	93	Pass
62	Prasad Naik	B.E.	D9B	IoT	96	Pass
63	Pratik Manurkar	B.E.	D9B	IoT	94	Pass
64	Rahul Powar	B.E.	D6A	IoT		AB
65	Rashmita Bangera	B.E.	D14B	IoT	93	Pass



66	Rathod Umedsingh	#N/A	#N/A	IoT	39	Fail
67	Rushab Banwat	B.E.	D9B	IoT		AB
68	Rushabh Mehrotra	B.E.	D9A	IoT	89	Pass
69	Sahaj Santani	B.E.	D9B	IoT	96	Pass
70	Sai Bhosle	#N/A	#N/A	IoT	90	Pass
71	sakshi sandeep yendhe	B.E.	D9C	IoT	83	Pass
72	Samarth Sewlani	B.E.	D9B	IoT	94	Pass
73	Sana Mir	#N/A	#N/A	IoT	95	Pass
74	senith Sachin	B.E.	D9A	IoT	88	Pass
75	Sharvari Maheshwar Gaitonde	B.E.	D9A	IoT		AB
76	Shubham panchal	B.E.	D9C	IoT	92	Pass
77	SHUKLA GAURAV RAJEEV	#N/A	#N/A	IoT		AB
78	Siddhant Easwar	B.E.	D6A	IoT	92	Pass
79	Silpa Sankaranarayanan	B.E.	D9C	IoT	94	Pass
80	Simran K Mayekar	B.E.	D6A	IoT	94	Pass
81	Sonali Laxman Bhalerao	B.E.	D11B	IoT	87	Pass
82	SUDHANSHUSHEKHAR SHAILESH THAKUR	B.E.	D9B	IoT	94	Pass
83	Sushant chandrakant yamgar	#N/A	#N/A	IoT	73	Pass
84	Tanmay Kothale	B.E.	D6B	IoT	90	Pass
85	Tanya Bisht	B.E.	D6A	IoT		AB
86	Tejas gosavi	B.E.	D9B	IoT	94	Pass
87	Tejas Vidyadhar Kothawade	B.E.	D11B	IoT	44	Fail
88	THORAT RUTIK BALKRISHNA	#N/A	#N/A	IoT	92	Pass
89	Urmila shinde	B.E.	D9C	IoT	87	Pass





# Vivekanand Education Society's Institute of Technology

Approved by AICTE & Affiliated to University of Mumbai

90	Vineet Rathish	B.E.	D9B	IoT	94	Pass
91	Vrithik Hareesh Nathani	B.E.	D9A	IoT		AB
92	Yajnesh Shetty	B.E.	D9B	IoT	93	Pass
93	Yash Desai	B.E.	D9A	IoT	92	Pass
94	yashraj	B.E.	D6B	IoT	82	Pass

for more details :

[https://docs.google.com/spreadsheets/d/1opXhh\\_XlnZK5Ut1PUWL005JiiUfJtHS7/edit?usp=sharing&oid=113526138583551742549&rlpof=true&sd=true](https://docs.google.com/spreadsheets/d/1opXhh_XlnZK5Ut1PUWL005JiiUfJtHS7/edit?usp=sharing&oid=113526138583551742549&rlpof=true&sd=true)



**Training for faculty members on “progressive web app development and blockchaining”**

VESIT Renaissance Cell organized ISTE approved one week STTP on “Web App Development & Blockchain” from 1st July to 6th July 2019.

**Topics covered in STTP :**

- Introduction to Mobile App Development
- Mobile App Development using PhoneGap and Cordova.
- Importance Of Plug-in.
- Working with Component Templates App using GPS Plug-in ·
- Working with Component Styles App using Vibrate Plug-In
- Full functional App using SQLite doing CRUD operation.
- Angular JS2
- CLI Deep Dive & Troubleshooting ·
- Blockchain Introduction
- What is Bitcoin?
- Role of Bitcoin Miners
- Key Concepts in Bitcoin
- Creating Components with the CLI & Nesting Components
- Blockchain Cryptocurrency ·

**Convener**

Dr. M Vijayalakshmi, Vice Principal

**Co-coordinator's**

Dr. Anjali Shrikant Yeole, CMPN

Mrs. Rohini Temkar, MCA

**List of faculty members attended STTP**

1 Sunny Suresh Nahar MCA	15 Sangeeta oswal MCA
2 Dr.Nupur Giri CMPN	16 Mona Deshmukh MCA
3 GOPALAKRISHNAN INST	17 Jayshree Hajgude INFT
4 Vidya Pujari INFT	18 Dhanamma Jagil MCA
5 Pooja Shetty INFT	19 Jayashree R. INST
6 Priya R. L. CMPN	20 Sukanya Roychowdhury INFT
7 Dr. Anjali Yeole CMPN	21 Richa Sharma
8 Abhijit Shete ETRX	22 Mannat Daultani CMPN
9 Namrata Bonde INST	23 Indira Bhattacharya MCA
10 Devyani Bhale EXTC	24 Ruchi Rautela MCA
11 Amit Singh INFT	25 Richard Joseph CMPN
12 Vinita Mishra INFT	26 Solanki Ramesh MCA
13 Smita Jangale IT	27 Rohini Temkar MCA
14 Shalu chopra INFT	28 Abha Tewari CMPN



**VIVEKANAND EDUCATION SOCIETY'S INSTITUTE  
OF TECHNOLOGY**  
Chembur, Mumbai- 400074

**Schedule for ISTE Approved STTP on  
"Progressing Web App Development & BlockChain"**

Day	Time	Topic
<b>Day 1</b> (1/7/2019)	9:00 AM to 09:30 AM	Registration and Breakfast
	9:30 AM to 10:00 AM	Opening Ceremony
	10:00 AM to 11:30 AM	Session 1 - Introduction to Mobile Apps, Introduction PhoneGap and Cordova, Introduction to HTML and Tags of HTML, Making simple website with HTML Tags
	11:30 AM to 11:40 AM	Tea Break
	11:40 AM to 1:00 PM	Session 2 - Programs With JavaScript, Programs With JavaScript for Looping, Decision Making etc, Installing of Node Js and Cordova, Introduction of Local Storage, Making of Single App by using PhoneGap
	1:00 PM to 1:45 PM	Lunch Break
	1:45 PM to 3:00 PM	Session 3 - Introduction of CSS, Introduction of JQuery and How to implement same in Cordova, Making login Form App, Making a Calculator App, Making a Conversion App
	3:00 PM to 3:10 PM	Tea Break
<b>Day 2</b> (2/7/2019)	3:10 PM to 4:00 PM	Session 4-How to change Name and Icon of the App, How to adjust app perfectly to any device, Components are Important!, Creating a New Component
	9:00 AM to 9:30 AM	Breakfast
	9:30 AM to 11:30 AM	Session 5 -Architecture of Cordova App, Importance Of Plug-in, App using GPS Plug-in, App using Vibrate Plug-in



	11:30 AM to 11:40 AM	App using Media Plug-in to play song Tea Break
	11:40 AM to 1:00 PM	Session 6 - Introduction of SQL Lite Simple App by using SQL Lite Full functional App using SQL Lite doing CRUD Operation App using Camera Plugin App using Contacts Contact Plug In App using Video plug-in App using Battery Plug-in
	1:00 PM to 1:45 PM	Lunch Break
	1:45 PM to 3:00 PM	Session 7- Introduction to PWA Introduction to Web Manifest Introduction to Service Worker Cache and Offline support Background Sync
	3:00 PM to 3:10 PM	Tea Break
	3:10 PM to 4:00 PM	Session 8-Introduction to firebase Working with Component templates
<b>Day 3</b> (3/7/2019)	9:00 AM to 9:30 AM	Breakfast
	11:30 AM to 11:40 AM	Tea Break
	11:40 AM to 1:00 PM	Session 10- What is TypeScript A Basic Project set up using Bootstrap for Styling Working with Component Styles Components are Important! Creating a New Component
	1:00 PM to 1:45 PM	Lunch Break
	1:45 PM to 3:00 PM	Session 11- Understanding the Role of AppModule and Component Declaration Using Custom Components Creating Components with the CLI 5 Testing Components
	3:00 PM to 3:10 PM	Tea Break
	3:10 PM to 4:00 PM	Session 12-Working with Component Templates Working with Component Styles



<b>Day 4</b> (4/7/2019)	9:00 AM to 9:30 AM	Breakfast
	9:30 AM to 11:30 AM	Session 13- Blockchain Introduction Open link History of Blockchain What is Bitcoin? Blockchain Version Role of Bitcoin Miners
	11:30 AM to 11:40 AM	Tea Break
	11:40 AM to 1:00 PM	Session 14- Blockchain Hash Functions Blockchain Block Hashing Blockchain Distributed Ledger
	1:00 PM to 1:45 PM	Lunch Break
	1:45 PM to 3:00 PM	Session 15 - How Block Hashes Work in Blockchain Basic Components of Bitcoin
	3:00 PM to 3:10 PM	Tea Break
	3:10 PM to 4:00 PM	Session 16- Blockchain Proof of Work Coinbase Transaction
<b>Day 5</b> (5/7/2019)	9:00 AM to 9:30 AM	Breakfast
	9:30 AM to 11:30 AM	Session 17 - Key Concepts in Bitcoin Blockchain Key Areas
	11:30 AM to 11:40 AM	Tea Break
	1:00 PM to 1:45 PM	Lunch Break
	1:45 PM to 3:00 PM	Session 19- Bitcoin Mitigating attacks Who sets the Bitcoin Price Voting Started With Bitcoin How to Choose Bitcoin Wallet Sending and Receiving Bitcoin Converting Bitcoins to Fiat Currency
	3:00 PM to 3:10 PM	Tea Break
	3:10 PM to 4:00 PM	Session 20- How to Choose Bitcoin Wallet Sending and Receiving Bitcoin Converting Bitcoins to Fiat Currency
<b>Day 6</b> (6/7/2019)	9:00 AM to 9:30 AM	Breakfast
	9:30 AM to 11:30 AM	Session 21- Applications of Blockchain Validation Function
	11:30 AM onwards	

Thank you!!

for more details : <https://drive.google.com/file/d/15hvcrelEFSjKutm9T7pc-F4LkUnX83a/view?usp=sharing>