

DATE: 25/2/2022

**Event Coordinator(s)**

1. Prof. Tejal  
Deshpande
2. Prof. Sayali Mane

**Student Coordinator(s)**

-

**Time& Place:**

**25<sup>th</sup> Feb, 2022**

**1:00pm to 3:00pm**

**Platform:**

**Online(Google Meet)**

**Department:**

**EXTC, COMPS**

**No of participants:**

**135**

**Er. Manoj S. Kavedia**, assistant professor at Thadomal Shahani Engineering College Bandra, Maharashtra delivered a Guest lecture on “Introduction to Raspberry PI” on Friday 25<sup>th</sup> February, 2022 for Third Year students of the Department of Electronics & Telecommunication, Computer Engineering and Second Year students of the Department of Computer Engineering.

Because of COVID-19 pandemic situation the guest lecture was conducted on Google Meet online platform.

135 participants attended the session. Some of the important topics covered were Introduction to Raspberry PI, Pin diagram of RPI, Flashing the image of RPI, Practical knowledge on Installation of Camera in RPI, Other IoT Projects using RPI etc

The participants found it very informative and well organized. They look forward for more practical sessions on Raspberry PI.

Signing Authority  
Name and Designation

Signing Authority  
Name and Designation

Signing Authority  
Name and Designation

## Feedback from Participants:

VERY GOOD!!! KEEP GOING.
Conduct this session every sat-sun.
I learn a little bit of RPI on this sir's YouTube channel .
Very interesting and nice session
No suggestions as for now
Informative session, learnt a lot
It was great attending this guest lecture.
Nice
It was good
It was a very informative and insightful session. Thank you.
I hope we get more often guest lecturers for programming languages
More such offline sessions with practical implementation
Please organize more seminars in the future
Excellent
Conduct more such sessions!
Good
Nice Session
Nice session and we need more such sessions like this which are more practical based and not the theory based sir really explained code very simply.
The workshop can be held offline once offline college resumes .
The lecture quality was very good
Very helpful session
Loved it
Offline session would be helpful when college starts.
It was interested to know the knowledge of RPI
Open cv and other sensor interface
Would like to attend more such sessions.
It was informative
Informative
Interesting and hardware oriented
It was detailed and informatics
The session was good
Very informative session

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Google form Link of the feedback taken -

[https://docs.google.com/forms/d/e/1FAIpQLSdD59wo\\_X6IHWu\\_Y-hdKdizGYLvt2hh4z5-OdSd2R7SZID-AA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdD59wo_X6IHWu_Y-hdKdizGYLvt2hh4z5-OdSd2R7SZID-AA/viewform?usp=sf_link)

REC | Manoj kavedia is presenting

Manoj kavedia

SHIVAM GUPTA

Atharva Khadye

HARDIK Jain

YULETTE ALVARES

Sayali Mane

104 others

You

1:30 PM | ehg-pphf-egd

Hardware

1. 16 Gb Memory / card Reader
2. HDMI-HDMI cable (HDMI Support)
3. HDMI-VGA cable (VGA Supports)
4. Rpi 3b+ / 3B /4B

Software

1. Imager Software – Raspbian OS Image on Card
2. Advanced Ip Scanner ( To find Out Ip address of Rpi)
3. Win32 Disk Imager
4. Usb Writer
5. Putty – CUI interface of Rpi for remote control
6. VNC – GUI – Control Remotely the Rpi
7. Dataplacity site to control Rpi Remotely

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Google

raspbrian download

About 9,38,00,000 results (0.78 seconds)

<https://www.raspberrypi.com/software/>

Raspberry Pi OS

Download and install Raspberry Pi Imager to a computer with an SD card reader. Put the SD card you'll use with your Raspberry Pi into the reader and run ...

You've visited this page 3 times. Last visit: 25/1/22

<https://www.raspberrypi.com/software/operating-systems/>

Operating system images – Raspberry Pi

Raspberry Pi OS with desktop - Release date: January 28th 2022 - System: 32-bit ...

<https://www.raspberrypi.org/downloads/>

Raspberry Pi Downloads - Software for the Raspberry Pi

Raspberry Pi OS (previously called Raspbian) is our official operating system for all models of the Raspberry Pi. Use Raspberry Pi Imager for an easy way to ...

<https://projects.raspberrypi.org/projects/noobs-install>

Installing Raspbian with NOOBS - Introduction - Projects ...

Downloading NOOBS. Using NOOBS is the easiest way to install Raspbian on your SD card. To get hold of a copy of NOOBS: Visit [www.raspberrypi.org/downloads/](http://www.raspberrypi.org/downloads/)

People also ask

How do I download Raspbian?

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Install Raspberry Pi OS using Raspberry Pi Imager

Raspberry Pi Imager is the quick and easy way to install Raspberry Pi OS and other operating systems to a microSD card, ready to use with your Raspberry Pi. Watch our 45-second video to learn how to install an operating system using Raspberry Pi Imager.

Download and install Raspberry Pi Imager to a computer with an SD card reader. Put the SD card you'll use with your Raspberry Pi into the reader and run Raspberry Pi Imager.

Download for Windows

Download for macOS

Download for Ubuntu for x64

To install on Raspberry Pi OS, type `sudo raspi-config` in a terminal window.

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1. Imager Software – Raspbian OS Image on Card
2. Advanced Ip Scanner ( To find Out Ip address of Rpi)
3. Win32 Disk Imager
4. Usb Writer
5. Putty – GUI interface of Rpi for remote control
6. VNC – GUI – Control Remotely the Rpi
7. Dataplacity site to control Rpi Remotely

Steps for Installation

1. Download Rpi Imager
2. Install it
3. Start using Software
4. Select the OS (RPI) and USB
5. Write

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1:35 PM | ehg-pphf-egd

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# Raspberry Pi – 3B+

1:36 PM | ehg-pphf-egd

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# Internet of Things (IoT)


1:37 PM | ehg-pphf-egd

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REC



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VANSH AGARWAL

HARDIK Jain

YULETTE ALVARES

Sayali Mane

HARSHDA KHAIRN.

JYOTIRMAY Patil  
yes

1:47 PM | ehg-pphf-egd

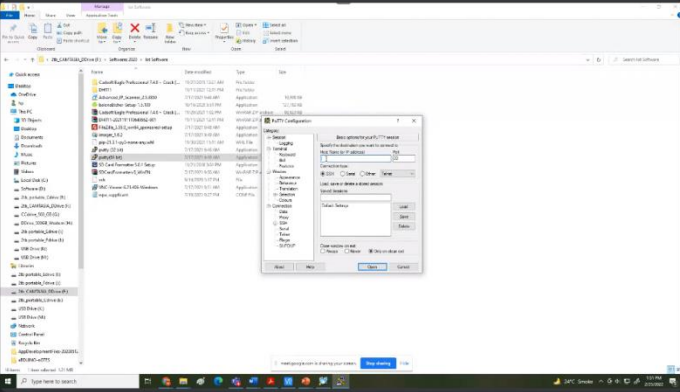
ENG IN 13:47 25-02-2022

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Manoj Kavedia

YULETTE ALVARES

VISHAL Mamluskar

Sayali Mane

105 others

You

Leave call

1:51 PM | ehg-pphf-egd

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Meet - ehg-pphf-egd | R-pi Attendance sheet 25022022 | Copy of Overall Feedback of R-Pi | 2021 Batch Placement Data - teja |

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Apps | New Tab | Gmail | YouTube | Maps | Re: - tejal.d@xavier... | Reading list

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```

Preparing
1. In Rpi Configuration S
2. Rpi can be controlled

Permission
D rwx rwx rwx

User Group Other
r-Read (4) w-write(2) x-execu
chmod 777 Filename
  
```

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VISHAL Mamluskar

JYOTIRMAY Patil

99 others

You

1:57 PM | ehg-pphf-egd

ENG IN | 13:57 | 25-02-2022

Meet - ehg-pphf-egd | R-pi Attendance sheet 25022022 | Copy of Overall Feedback of R-Pi | 2021 Batch Placement Data - teja |

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# Raspberry Pi – 3B+

## GPIO – General Purpose Input Output

JEBASTIN Nadar has left the meeting

Manoj kavedia

JYOTIRMAY Patil

HARDIK Jain

VISHAL Mamluskar

SHIVAM GUPTA

VANSH AGARWAL

Manoj Kavedia

98 others

You

2:06 PM | ehg-pphf-egd

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```

import RPi.GPIO as gpio
import time

gpio.setmode(gpio.BCM2835)
gpio.setwarnings(False)

gpio.setup(3, GPIO.OUT) #IN

while True:
    gpio.output(3, True)
    print("LED On")
    sleep(1)
    gpio.output(3, False)
    print("LED Off")
    sleep(1)
  
```

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```

Python 3.7.3 Shell
File Edit Shell Debug Options Window Help
Python 3.7.3 (default, Jan 22 2021, 20:04:44)
[GCC 8.3.0] on linux
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: /home/pi/Kawlers/ledblink.py =====
LED On
  
```

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You

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The main window displays a Raspberry Pi connected to a breadboard. A terminal window shows the following Python code:

```

import time

gpio.setmode(gpio.BOARD) #BCH
gpio.setwarnings(False)

led = 3
buzzer = 5
gpio.setup(led,gpio.OUT) #IN
gpio.setup(buzzer,gpio.OUT)

while True:
    gpio.output(led,True)
    gpio.output(buzzer,True)
    print("LED / Buzzer On")
    time.sleep(2)
    gpio.output(led,False)
    gpio.output(buzzer,False)
    print("LED / Buzzer Off")
  
```

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2:25 PM | ehg-pphf-egd

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The main window displays a Raspberry Pi connected to a breadboard. A terminal window shows the following Python code:

```

import RPi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BOARD)
GPIO.setwarnings(False)

fire = 7
gpio.setup(led,gpio.OUT) #IN
gpio.setup(buzzer,gpio.OUT) #LED, Buzzer, Motor, relay are output Actuator
gpio.setup(fire,gpio.IN) #Sensor are Input Devices

while True:
    fmsensor = gpio.input(fire)
    print("Fire =",fmsensor)
    time.sleep(0.25)
  
```

A notification bubble says: "Pin Manoj kavedia's presentation to your main screen."

Participants: Manoj kavedia, YULETTE ALVARES, JYOTIRMAY Patil, VANSH AGARWAL, SHIVAM GUPTA, 98 others, You.

Jeston Dsouza has left the meeting

2:33 PM | ehg-pphf-egd

Attendance Link –

[https://docs.google.com/forms/d/e/1FAIpQLSeq\\_O56J\\_Cq7vp8XObxTL7s6YiMBbC9cWqGsQEBZI94AvzE9g/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeq_O56J_Cq7vp8XObxTL7s6YiMBbC9cWqGsQEBZI94AvzE9g/viewform?usp=sf_link)

First name	Last name	Email	Durati on	Time joined	Time exited
EXTC_ Shripad	Gaikwad	shri*****@***.com	25 min	12:54 PM	2:25 PM
Prathmesh		jadh*****@***.com	4 min	1:17 PM	1:20 PM
VANSH	AGARWAL	202001043.vanshava@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:49 PM
Nitin	Ahire	nitin.a@xavier.ac.in	24 min	12:51 PM	1:15 PM
YULETTE	ALVARES	202001030.yuletteasb@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:49 PM
JOSHUA	Anand Selvaraj	202002014.joshuaaal@student.xavier.ac.in	1 hr 37 min	1:12 PM	2:49 PM
MOHAMMA D	ANSARI	202002006.mohammadamz@student.xavier.ac.in	1 hr 44 min	12:49 PM	2:49 PM
SHINELL	ATHAIDE	202001031.shinellamj@student.xavier.ac.in	1 hr 42 min	1:07 PM	2:49 PM
Sanika	Bangar	2020012002.sanikabmm@student.xavier.ac.in	1 hr 46 min	1:01 PM	2:47 PM
AMAN	Bankoti	202001044.amanbgs@student.xavier.ac.in	1 hr 30 min	1:14 PM	2:49 PM

MANDAR	Bavdane	202002007.mandarbsl@student.xavier.ac.in	1 hr 40 min	12:50 PM	2:50 PM
EXTC_Gane sh	Baviskar	gane*****@***.com	1 hr 52 min	12:57 PM	2:49 PM
CONRAD	Caldeira	202001001.conradclc@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:50 PM
Brice	Carvalho	2020012003.bricecnb@student.xavier.ac.in	1 hr 52 min	12:57 PM	2:49 PM
NIRAJ	Chalke	202002008.nirajcch@student.xavier.ac.in	1 hr 39 min	1:10 PM	2:49 PM
Elkana	Chandra Rehimon	201901013.elkanacca@student.xavier.ac.in	1 hr 21 min	12:59 PM	2:22 PM
AMIT	Chavan	202001045.amitcrr@student.xavier.ac.in	1 hr 15 min	1:08 PM	2:22 PM
CHETAN	CHAVAN	202002030.chetanchh@student.xavier.ac.in	1 hr 42 min	1:05 PM	2:50 PM
AKASH	Chintakin di	202002009.akashcpg@student.xavier.ac.in	1 hr 55 min	12:55 PM	2:50 PM
Wesley	D'Souza	201901012.wesleydpm@student.xavier.ac.in	1 hr 51 min	12:58 PM	2:49 PM
PRAJAKTA	Dagade	202002031.prajaktadrr@student.xavier.ac.in	1 hr 18 min	1:07 PM	2:26 PM
DEVANSH	Dalwadi	202001002.devanshdpm@studen	7 min	1:13	1:19

		t.xavier.ac.in		PM	PM
Ryan	Dass	201901006.ryandam@student.xavier.ac.in	1 hr 48 min	1:00 PM	2:48 PM
Diogo	Dcosta	201901008.diogodas@student.xavier.ac.in	1 hr 53 min	12:57 PM	2:50 PM
Sarang	Deodhar	201901009.sarangdsv@student.xavier.ac.in	11 min	1:40 PM	1:51 PM
Neerav	Desai	2021022002.neeravddp@student.xavier.ac.in	11 min	1:21 PM	1:33 PM
SARA	Deshpande	202001005.saradas@student.xavier.ac.in	15 min	1:06 PM	1:22 PM
SIYA	Deshpande	202001004.siyadas@student.xavier.ac.in	39 min	1:06 PM	1:45 PM
Tejal	Deshpande	tejal.d@xavier.ac.in	2 hr 24 min	12:26 PM	2:50 PM
LEANNE	Dharmai	202001048.leannedin@student.xavier.ac.in	1 hr 8 min	1:41 PM	2:49 PM
ELVIS	DSILVA	202002032.elvisdep@student.xavier.ac.in	1 hr 43 min	12:58 PM	2:49 PM
Jeston	Dsouza	201901011.jestondgc@student.xavier.ac.in	1 hr 55 min	12:53 PM	2:50 PM
TRISHA	Dsouza	202001006.trishadtn@student.xavier.ac.in	1 hr 41 min	1:06 PM	2:47 PM
RHEA	Fernandes	202001008.rheafvr@student.xavier.ac.in	1 hr 28 min	1:21 PM	2:49 PM
Sharon	Ganta	2020012005.sharongfl@student.xavier.ac.in	1 hr 52 min	12:58 PM	2:50 PM

			min		
TANMAY	Gokarn	202002011.tanmaygsa@student.xavier.ac.in	1 hr 34 min	12:58 PM	2:49 PM
JAY	GONSALVES	202002003.jayggm@student.xavier.ac.in	1 hr 48 min	1:01 PM	2:49 PM
RICH	GONSALVES	202002004.richggm@student.xavier.ac.in	1 hr 47 min	1:02 PM	2:49 PM
SHIVAM	Goswami	202001009.shivamgps@student.xavier.ac.in	1 hr	1:13 PM	2:13 PM
SHIVAM	GUPTA	202002005.shivamgsr@student.xavier.ac.in	1 hr 53 min	12:56 PM	2:50 PM
YASHIKA	GUPTA	202001050.yashikagks@student.xavier.ac.in	1 hr 39 min	1:10 PM	2:49 PM
Sayed Ubaidur Rehman	HARIYAL	2020012006.sayedubaidurrehmanhst@student.xavier.ac.in	55 min	12:57 PM	2:48 PM
Rigved	Harmalkar	201901059.rigvedhaa@student.xavier.ac.in	1 hr 35 min	12:57 PM	2:32 PM
AFFAN	Inamdar	202002013.affanisl@student.xavier.ac.in	1 hr 46 min	1:04 PM	2:50 PM
GAURI	Jadhav	202001011.gaurijpp@student.xavier.ac.in	1 hr 43 min	1:06 PM	2:49 PM
Kunal	Jadhav	201901016.kunaljnm@student.xavier.ac.in	1 hr 48 min	1:01 PM	2:50 PM
HARDIK	Jain	202001051.hardikjlm@student.xa	1 hr	1:05	2:49

		vier.ac.in	43 min	PM	PM
JOHN	John Baby	202001012.johnjbr@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:50 PM
BOBBY	JOSEPH	202001052.bobbyjbb@student.xavier.ac.in	1 hr 32 min	1:16 PM	2:49 PM
RICKIN	JOSEPH	202001013.rickinjsh@student.xavier.ac.in	43 min	1:10 PM	1:52 PM
Uzma	Kapadia	2020012007.uzmakmh@student.xavier.ac.in	1 hr 53 min	12:57 PM	2:50 PM
DIVYA	Kargutkar	202002033.divyakss@student.xavier.ac.in	1 hr 52 min	12:57 PM	2:49 PM
Manoj	kavedia	erma*****@***.com	1 hr 43 min	1:06 PM	2:49 PM
Manoj	Kavedia	erma*****@***.com	1 hr 3 min	1:46 PM	2:49 PM
TANMAY	Keny	202001053.tanmaykv@student.xavier.ac.in	1 hr 37 min	1:12 PM	2:49 PM
Atharva	Khadye	2021022008.atharvakas@student.xavier.ac.in	17 min	1:22 PM	1:40 PM
HARSHDA	KHAIRNAR	202002015.harshdakbd@student.xavier.ac.in	1 hr 46 min	12:59 PM	2:49 PM
Aniruddha	Khandekar	201901022.aniruddhakvm@student.xavier.ac.in	1 hr 48 min	1:01 PM	2:50 PM
PIYUSH	KHATPE	2021022009.piyushksn@student.xavier.ac.in	1 hr 28	1:00 PM	2:50 PM

			min		
AMISHA	Khot	202001054.amishaksp@student.xavier.ac.in	1 hr 41 min	1:07 PM	2:49 PM
HARSHAL	Kshirsagar	202001014.harshalkda@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:50 PM
Divya	Kulkarni	201901023.divyakpr@student.xavier.ac.in	1 hr 51 min	12:58 PM	2:49 PM
Melita	Lewis	201901024.melitaloh@student.xavier.ac.in	1 hr 49 min	1:00 PM	2:49 PM
FLORINE	Lobo	202001055.florinelma@student.xavier.ac.in	1 hr 44 min	1:06 PM	2:50 PM
ALLEN	LOPES	202001015.allenlel@student.xavier.ac.in	1 hr 41 min	1:07 PM	2:49 PM
STEPHENY	Lucas	202001016.stephenylxr@student.xavier.ac.in	1 hr 42 min	1:06 PM	2:49 PM
Michelle	Macwan	201901026.michellemja@student.xavier.ac.in	1 hr 40 min	1:08 PM	2:47 PM
VISHAL	Mamluskar	202001018.vishalmrv@student.xavier.ac.in	1 hr 41 min	1:05 PM	2:49 PM
Sayali	Mane	sayali.m@xavier.ac.in	1 hr 54 min	12:56 PM	2:50 PM
Chetana	Mangoli	2021022012.chetanammv@student.xavier.ac.in	1 hr 49 min	12:57 PM	2:49 PM

SUDESH	MANJREKAR	202002016.sudeshmks@student.xavier.ac.in	1 hr 56 min	12:52 PM	2:49 PM
Merisa	Mascarenhas	meri*****@***.com	1 hr 44 min	1:05 PM	2:49 PM
SHAUN	MASCARENHAS	202001019.sh aunmns@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:50 PM
Siddhanth	Massey	201901029.siddhanthm ds@student.xavier.ac.in	1 hr 51 min	12:58 PM	2:50 PM
Clayton	Mathias	201901031.claytonmel@student.xavier.ac.in	1 hr 20 min	1:29 PM	2:49 PM
Shailesh	Maurya	201901032.shaileshmbs@student.xavier.ac.in	1 hr 42 min	1:07 PM	2:49 PM
Aniket	Meshram	2021022014.aniketmpk@student.xavier.ac.in	1 hr 54 min	12:55 PM	2:49 PM
MANAS	Mishra	202002017.manasmrp@student.xavier.ac.in	1 hr 36 min	12:56 PM	2:44 PM
Sakshi	Mishra	2021022015.sakshimss@student.xavier.ac.in	1 hr 50 min	12:55 PM	2:50 PM
QASIM	Mohammad	202002018.qasimmat@student.xavier.ac.in	1 hr 21 min	1:10 PM	2:49 PM
Supriya	Mohite	201901034.supriyamnn@student.xavier.ac.in	6 min	2:28 PM	2:33 PM
Gandharv	More	201901035.gandharvmvm@student.xavier.ac.in	10 min	12:57 PM	1:06 PM



JEBASTIN	Nadar	202001020.jebastinnmk@student.xavier.ac.in	1 min	2:04 PM	2:06 PM
Sushree	Nadiminty	201901036.sushreenss@student.xavier.ac.in	1 hr 45 min	1:04 PM	2:49 PM
CHINMAYA	Naik	202002019.chinmayanks@student.xavier.ac.in	1 hr 52 min	12:57 PM	2:49 PM
AMISHA	NARVEKAR	202001035.amishanpa@student.xavier.ac.in	1 hr 44 min	1:05 PM	2:49 PM
KANAK	NIVATKAR	202001037.kanaknrs@student.xavier.ac.in	1 hr 31 min	1:17 PM	2:49 PM
Rechal	Nunes	2021012005.rechalnpw@student.xavier.ac.in	1 hr 40 min	1:06 PM	2:49 PM
Sankalp	Panchal	2020012008.sankalppcc@student.xavier.ac.in	1 hr 51 min	12:58 PM	2:49 PM
VINAY	Parab	202002020.vinayprp@student.xavier.ac.in	1 hr 47 min	12:56 PM	2:42 PM
DEVANG	PARAB	202001038.devangpka@student.xavier.ac.in	1 hr 23 min	1:26 PM	2:50 PM
CHIRAC	Parmar	202002034.chiracphs@student.xavier.ac.in	1 hr 52 min	12:57 PM	2:49 PM
ISHAAN	PATHAK	202001039.ishaanpra@student.xavier.ac.in	1 hr 40 min	1:09 PM	2:49 PM
Abhishek	Patil	201901043.abhishekpaa@student.xavier.ac.in	1 hr 30	1:19 PM	2:50 PM

			min		
JYOTIRMAY	Patil	202002035.jyotirmaypus@student.xavier.ac.in	1 hr 55 min	12:54 PM	2:50 PM
Nishanth	Patil	2021022016.nishanthpds@student.xavier.ac.in	1 hr 46 min	1:04 PM	2:49 PM
SAHIL	Pawar	202002036.sahilpvs@student.xavier.ac.in	1 hr 52 min	12:53 PM	2:45 PM
Sean	Pereira	201901044.seanpba@student.xavier.ac.in	39 min	1:12 PM	1:52 PM
ABHIJEET	PHALKE	2021022017.abhijeetpas@student.xavier.ac.in	1 hr 4 min	12:59 PM	2:50 PM
ROHIT	Prasad	202001056.rohitpsj@student.xavier.ac.in	1 hr 12 min	1:05 PM	2:18 PM
Akash	Puthenve ettil	201901045.akashpms@student.xavier.ac.in	3 min	1:08 PM	1:11 PM
SAAIM	Qureshi	202001057.saaimgms@student.xavier.ac.in	1 hr 40 min	1:08 PM	2:49 PM
TEJAS	Rabad	202002022.tejasrsr@student.xavier.ac.in	20 min	1:00 PM	1:21 PM
SAURAV	RAJAK	2021022018.sauravrlv@student.xavier.ac.in	7 sec	1:13 PM	1:13 PM
ERIC	SAJAN	202001023.ericsmr@student.xavier.ac.in	7 min	1:08 PM	2:17 PM
SHUBHAM	Salunke	202001058.shubhamstt@student.xavier.ac.in	3 min	2:13 PM	2:16 PM
SWARASHREE	Salvi	202002023.swarashreesrr@student.xavier.ac.in	1 hr 52 min	12:54 PM	2:49 PM
PRACHET	SAUL	2021022020.prachetsjp@student.	1 hr	1:05	2:50

		xavier.ac.in	45 min	PM	PM
HARSH	Sawant	202002037.harshssu@student.xavier.ac.in	1 hr 51 min	12:58 PM	2:50 PM
Vedangi	Sawant	2021022021.vedangisrr@student.xavier.ac.in	1 hr 54 min	12:56 PM	2:50 PM
ANIRUDHA	SAWANT	202001060.anirudhassa@student.xavier.ac.in	1 hr 16 min	1:07 PM	2:49 PM
Angelica	Sebastian	201901002.angelicassr@student.xavier.ac.in	1 hr 22 min	12:58 PM	2:50 PM
John	Sekar	201901019.johnssa@student.xavier.ac.in	48 min	1:06 PM	1:54 PM
NESAN	SELVAN	202001036.nesanssm@student.xavier.ac.in	1 hr 12 min	1:10 PM	2:23 PM
ASAD	SHAIKH	202001026.asadsas@student.xavier.ac.in	3 min	1:08 PM	1:11 PM
CHINMAAY	Sharma	202001061.chinmaaysnr@student.xavier.ac.in	1 hr 38 min	1:11 PM	2:49 PM
ROHIT	Shembekar	202002024.rohitsgv@student.xavier.ac.in	1 hr 52 min	12:57 PM	2:49 PM
JAYESH	Shende	202002025.jayeshsvm@student.xavier.ac.in	1 hr 54 min	12:55 PM	2:49 PM
Aishwarya	Shenvi	2021022025.aishwaryasrr@student.xavier.ac.in	1 hr 53 min	12:56 PM	2:50 PM
Varun	Sheth	201901049.varunsml@student.xa	1 hr	1:17	2:50

		vier.ac.in	32 min	PM	PM
SINCEE	Sincee Harriet	202001027.sinceesgr@student.xa vier.ac.in	1 hr 43 min	1:06 PM	2:49 PM
ROHAN	SINGH	202002026.rohansra@student.xa vier.ac.in	1 hr 52 min	12:57 PM	2:50 PM
ROHIT	Sodya	202001028.rohitsjs@student.xavi er.ac.in	1 hr 10 min	1:07 PM	2:49 PM
AHSAAS	SRIVASTA VA	202002027.ahsaassvp@student.x avier.ac.in	1 hr 48 min	1:02 PM	2:50 PM
Athisaya	Suresh Anthony	201901001.athisayasss@student. xavier.ac.in	1 hr 48 min	1:00 PM	2:48 PM
Dhruvil	Tailor	2021022028.dhruviltvn@student. xavier.ac.in	1 hr 45 min	12:58 PM	2:43 PM
Kalpesh	Tamhanka r	2021022029.kalpeshtsa@student. xavier.ac.in	1 hr 48 min	1:01 PM	2:49 PM
RAJ	THAKUR	202001042.rajtmp@student.xavie r.ac.in	1 hr 40 min	1:09 PM	2:49 PM
RISHABH	TIWARI	2021022030.rishabhtjs@student.x avier.ac.in	1 hr 2 min	1:00 PM	2:04 PM
Binil	Varghese	20180162.binilvam@student.xavi er.ac.in	40 min	1:39 PM	2:49 PM
SUDEEP	VISHWAK ARMA	2021022031.sudeepvds@student. xavier.ac.in	56 min	1:00 PM	1:56 PM
Omkar	Wadkar	2021022032.omkarwda@student. xavier.ac.in	1 hr 16	1:19 PM	2:35 PM

			min		
ADITYA	WALMIKI	202002028.adityawgr@student.xavier.ac.in	1 hr 55 min	12:54 PM	2:49 PM
Mayur	Warang	201901058.mayurwmm@student.xavier.ac.in	1 hr 28 min	1:02 PM	2:49 PM
VEDANT	Warke	202001062.vedantwav@student.xavier.ac.in	1 hr 41 min	1:08 PM	2:49 PM

# MCQ – Taken on ERP

## MCQ Questions

Question	Option1	Option2	Option3	Option4	Correct Option
Which type of cable is needed to Connect Rpi to TV	Male HDMI	Female HDMI	Male HDMI and Adapter	Female HDMI and Adapter	Option3
Select the correct option to Power up Rpi	USB connection	Internal battery	Charger	Adapter	Option1
_____parameters have default values	Port_Name and Bits	Speed and Port_Names	Speed and Parity	Stop bit and Flow Control	Option2
_____ is type instruction set for Raspberry Pi	X86	MSP	AVR	ARM	Option4
When rpi is logged in what is its user name by default	Default	User	Pi	Root	Option3
Rpi 3 has _____ bit Processor	64-bit	32-bit	128-bit	Both 64 and 32 bit	Option1
What is Frequency of Operation of Rpi 3	900MHz	1.2GHz	1GHz	500MHz	Option2
Among the following model in which WIFI is missing	Raspberry Pi3	Raspberry Pi Zero WH	Raspberry Pi Zero W	Raspberry Pi Zero	Option4
Raspberry Pi 3 _____ number of USB Ports	5	2	4	3	Option3
To Display pin layout which command is used	display pin	pinout	pinlayout	None of above	Option1
What is apt mean in apt-get command	Advanced Package Tool.	Advanced Packaging Toolkit.	Advanced Packaging Tool.	None of above	Option3
GPIO.out command means	make the GPIO pin as Output	make the GPIO pin as HIGH	Both of Above	None of Above	Option1
Which package is to be imported to work with raspberry pi	RPI.gpio	Rpi.GPio	RPi.GPIO	Rpi.GPio	Option3
To write infinite loop which command is used in RPi	Loop	While True	while(1)	While(True)	Option2
sudo in RPi means	substitute user do	super user do	Both of Above	None of Above	Option3