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Experience of executing a course on TEAL2.0 Platform

Prof Aparajita Biswal

RK University

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Course Introduction

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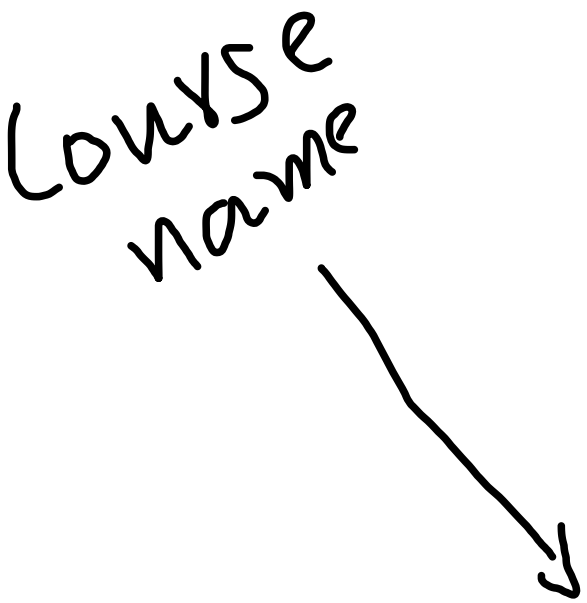
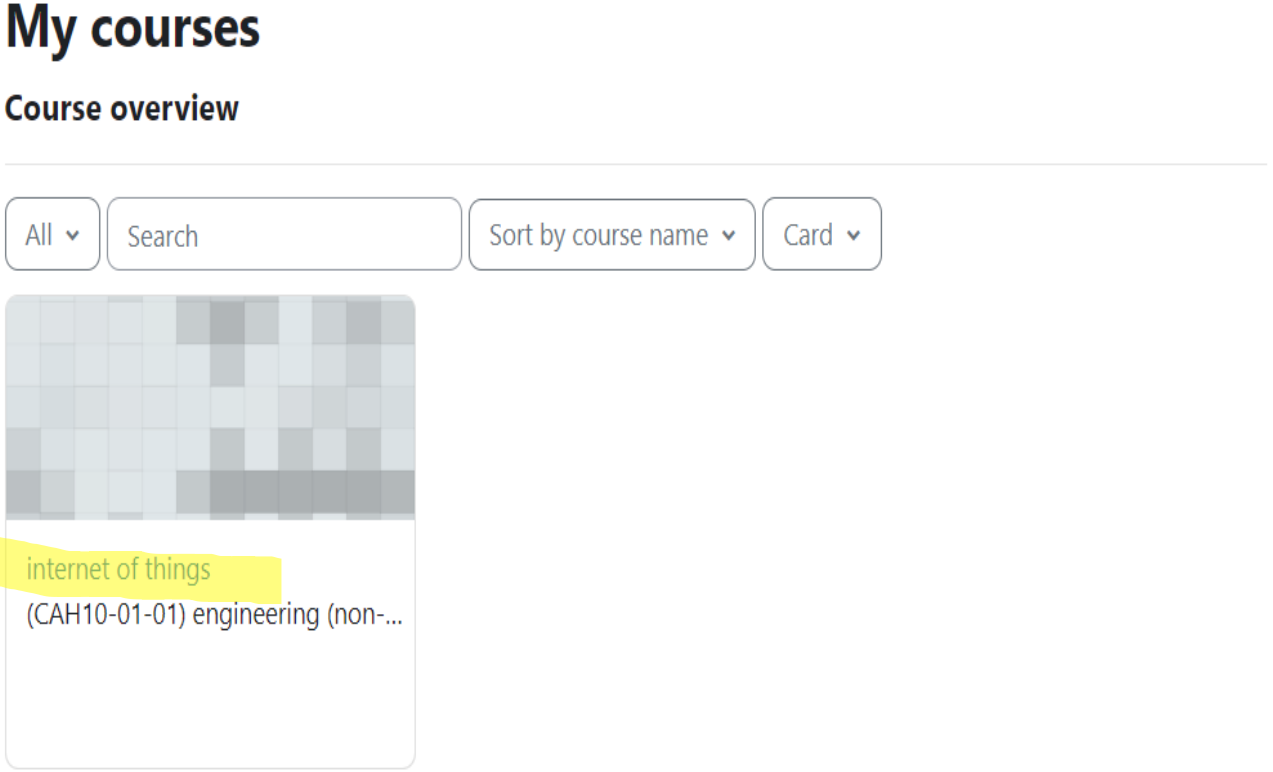
Course Introduction





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internet of things

Course Settings Participants Grades Reports More

Enrolled users Enrol users

Enrolled users

Match Any Select

+ Add condition Clear filters Apply filters

>50

53 participants found

First name All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 »

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Course excusion Overview

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topic 1_chapter 1

Collapse all

FORUM
Announcements

H5P
What is IoT and how it works in a broader Sense
Complete the activity

ASSIGNMENT
Assignment 1
Mark as done

QUIZ
Quiz1
Mark as done

Description

Topic 1 Chapter 3

Arduino components and IDE Outline :

Set up a physical connection between Arduino and a computer
Connect the Arduino board to the computer using the USB cable
Various components available in Arduino hardware
- ATMEGA 328 microcontroller chip
- About Arduino BootLoader
- Digital Pins
- Analog Pins
- Blinking LEDs that are helpful for troubleshooting
- Ground Pins
- External power adapter Arduino programming language

H5P
Overview of Arduino and IDE
Mark as done

INTERACTIVE CONTENT

Overview of Arduino and IDE

Mark as done

Arduino components and IDE Outline :

Set up a physical connection between Arduino and a computer
Connect the Arduino board to the computer using the USB cable
Various components available in Arduino hardware

Overview of Arduino and IDE

Arduino components and IDE Outline :

Set up a physical connection between Arduino and a computer
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Overview of Arduino and IDE

Overview of Arduino and …
Overview of Arduin…
Assignment on Vid…
The first Arduino Pr…
…Node MCU Dev…

Module Content

Arduino components and IDE Outline :

Set up a physical connection between Arduino and a computer
Connect the Arduino board to the computer using the USB cable
Various components available in Arduino hardware
- ATMEGA 328 microcontroller chip
- About Arduino BootLoader
- Digital Pins
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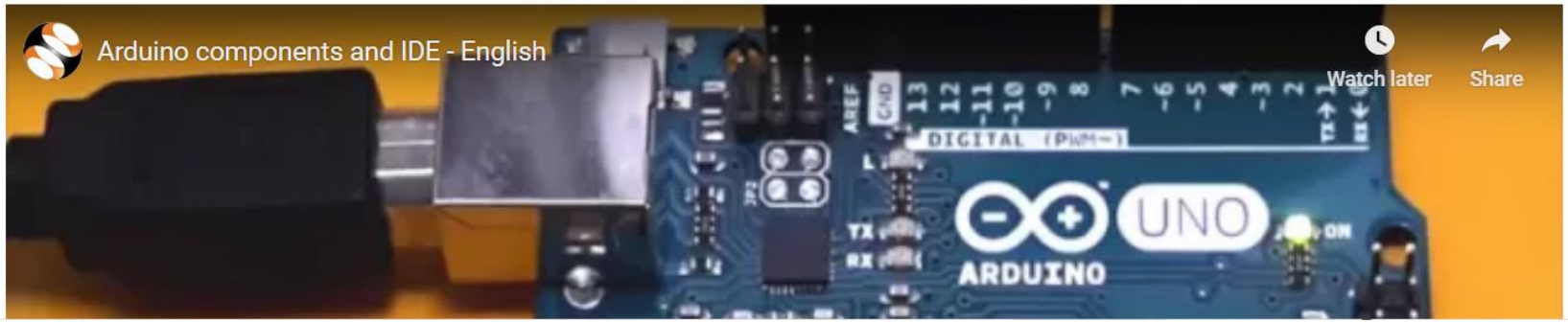
- Blinking LEDs that are helpful for troubleshooting
- Ground Pins
- External power adapter Arduino programming language



H5P Interaction

Arduino components and IDE - English

Watch later Share

More videos

- Connect an LCD to Arduino board
- Write a program to display a text message on the LCD

2:11 / 7:17

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HSP

Arduino components and IDE - English

Most important part of Arduino board is

Atmega 328 Microcontroller chip

Check

More videos

1:16 / 7:17

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Assessment

Assignment

Connect the Arduino board to the computer using the USB cable
Various components available in Arduino hardware

Assignment on Video Tutorial

2 / 4

- Overview of Arduino and ...
  - Overview of Arduin...
  - Assignment on Vid...
  - The first Arduino Pr...
  - The Node MCU Dev...

After watching the Video tutorial, install the Arduino IDE for your system. You need to make sure the system property compatibility before downloading the IDE setup.

After installing the IDE, go through reference section in the menu bar and learn the inbuilt functions.

pinMode(), delay() etc.

You need to make a document of the Syntax, description and a program example for each function. **Complete at least 10 functions.**

Assignment on Video Tutorial 2 / 4

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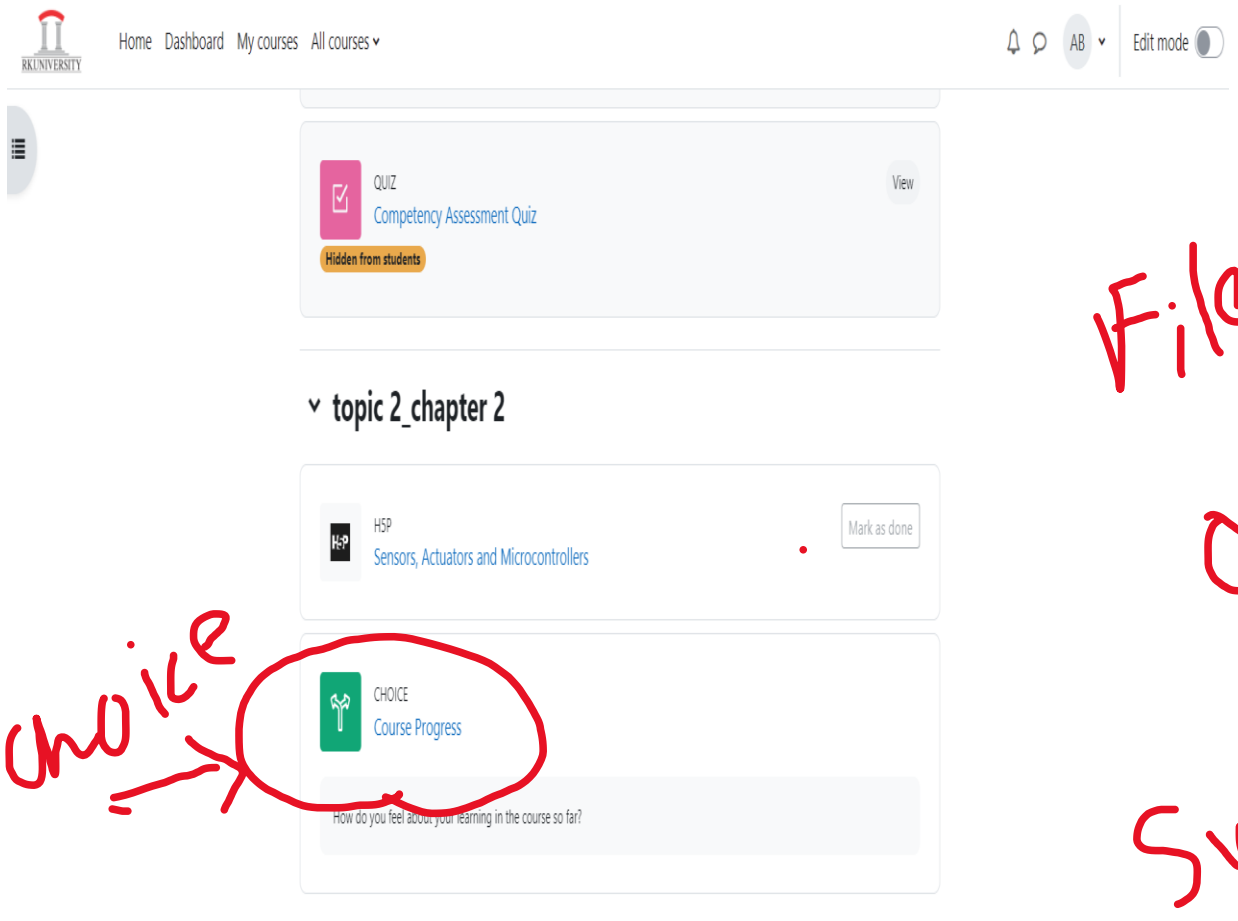

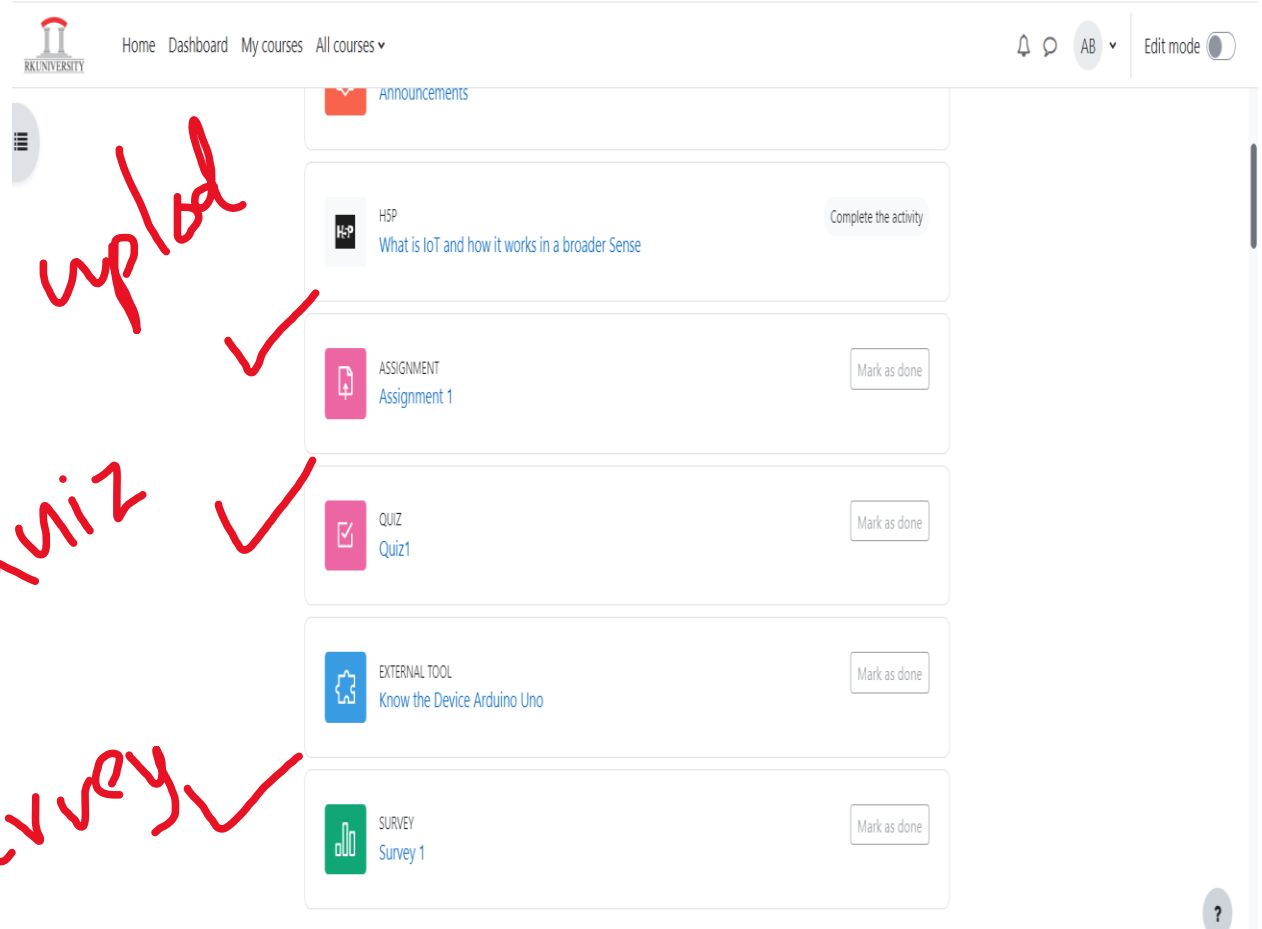

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Assessment

ASSIGNMENT

Assignment 1

Assignment | Settings | Advanced grading | More

Mark as done

Opened: Thursday, 6 July 2023, 1:00 PM
Due: Thursday, 13 July 2023, 12:00 AM

Q1. Give the definition of IoT and mention some of the applications in the recent age.

Q2. How IoT works? Give one example of your own, and schematically represent the working of the system. (Open Ended question)

View all submissions Grade

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Course: internet of things
Assignment: Assignment 1
View all submissions

HETVI VADALIA
vhetvi243@rku.ac.in
Due date: 13 July 2023, 12:00 AM

Assignment Grading

Change user
42 of 52 Reset table preferences

Submission

Submitted for grading
Graded
Assignment was submitted 46 days 8 hours late
Student can edit this submission

20SOECE11073_Assignment1_IOT.docx 28 August 2023, 8:47 AM

Comments (0)

Grade

Grade

Grade out of 100

50.00

Current grade in gradebook
50.00

Feedback comments

Notify student

Save changes | Save and show next | Reset

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Survey

CAH100101CR4X1111 / Survey 1

SURVEY

Survey 1

Survey | Settings | Response reports | More

Mark as done

All questions are required and must be answered.

Relevance

Responses	Not yet answered	Almost never	Seldom	Sometimes	Often	Almost always
In this online unit...						
1 my learning focuses on issues that interest me.	◉	○	○	○	○	○
2 what I learn is important for my professional practice.	◉	○	○	○	○	○
3 I learn how to improve my professional practice.	◉	○	○	○	○	○
4 what I learn connects well with my professional practice.	◉	○	○	○	○	○

Reflective thinking

Responses	Not yet answered	Almost never	Seldom	Sometimes	Often	Almost always
In this online unit...						
5 I think critically about how I learn.	◉	○	○	○	○	○
6 I think critically about my own ideas.	◉	○	○	○	○	○

Survey Response

Home | Dashboard | My courses | All courses | AB | Edit mode

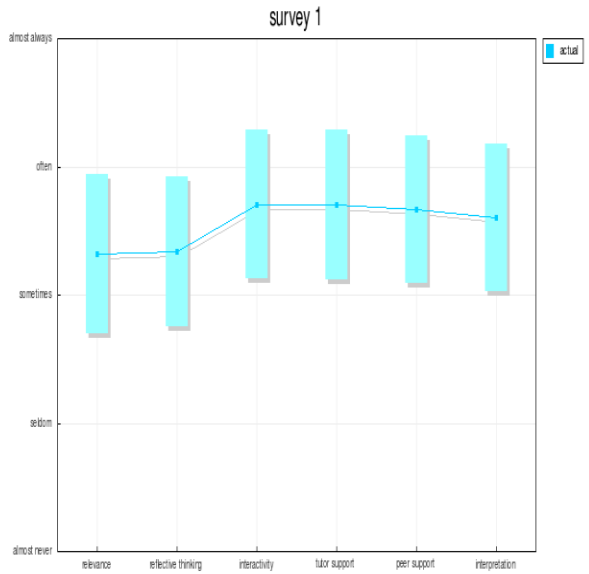
SURVEY

Survey 1

Survey | Settings | Response reports | More

Summary | Download results

Summary



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QUIZ

Quiz1

Grades

Attempts: 31

What to include in the report

Attempts from: enrolled users who have attempted the quiz

Attempts that are: In progress, Overdue, Finished, Never submitted

Show only attempts: that have been regraded / are marked as needing regrading

Display options

Page size: 30

Marks for each question: Yes

Show report

Regrade all | Dry run a full regrade

Only one attempt per user allowed on this quiz.

Reset table preferences

First name: All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname: All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 »

Download table data as Comma separated values (.csv) Download

		First name / Surname	Email address	State	Started on	Completed	Time taken	Grade/10.00	Q. 1 /2.00	Q. 2 /2.00	Q. 3 /2.00	Q. 4 /2.00	Q. 5 /2.00
☐	BK	BHALANI KRUPABEN Review attempt	kbhalani288@rku.ac.in	Finished	6 July 2023 5:34 PM	6 July 2023 5:39 PM	4 mins 18 secs	6.00	✔ 2.00	✔ 2.00	✖ 0.00	✖ 0.00	✔ 2.00
☐	KD	KOTAK DHARVI Review attempt	dkotak006@rku.ac.in	Finished	6 July 2023 5:39 PM	6 July 2023 5:50 PM	11 mins 4 secs	6.00	✔ 2.00	✖ 0.00	✖ 0.00	✔ 2.00	✔ 2.00
☐	BN	BHANVADIA NITI Review attempt	nbhanvadia992@rku.ac.in	Finished	6 July 2023 5:41 PM	6 July 2023 5:42 PM	30 secs	2.00	✖ 0.00	✖ 0.00	✖ 0.00	✖ 0.00	✔ 2.00
☐	KS	KADVANI SHUBHAM Review attempt	skadvani653@rku.ac.in	Finished	6 July 2023 5:43 PM	6 July 2023 5:43 PM	30 secs	4.67	✖ 0.00	✔ 2.00	✔ 2.00	✖ 0.00	☑ 0.67
☐	KS	KOTHARI SAKSHI Review attempt	skothari902@rku.ac.in	Finished	6 July 2023 5:54 PM	6 July 2023 5:55 PM	48 secs	6.67	✔ 2.00	✔ 2.00	✖ 0.00	✔ 2.00	☑ 0.67
☐	KK	KANJIYA KINJAL Review attempt	kkanjiya849@rku.ac.in	Finished	6 July 2023 5:56 PM	6 July 2023 5:57 PM	59 secs	8.67	✔ 2.00	✔ 2.00	✔ 2.00	✔ 2.00	☑ 0.67
☐	AK	ANTALA KRISHNA Review attempt	kantala787@rku.ac.in	Finished	6 July 2023 5:57 PM	6 July 2023 5:58 PM	29 secs	10.00	✔ 2.00	✔ 2.00	✔ 2.00	✔ 2.00	✔ 2.00

CHOICE

Course Progress

Responses

Choice options	Not answered yet ☐	I feel good ☐	I feel more confident ☐	It can be better ☐	I need more reading materials ☐	I am satisfied so far ☐
Number of responses	44	1	4	2	1	1
Users who chose this option	☐ AA ATHER AMAWALDI ☐ AB Aparajita Biswal ☐ MC MANSI CHANU ☐ MC MIHIR CHAUHAN ☐ SC SEJAL CHOTALIYA ☐ SD SAPNA DANGAR ☐ YD YASHPAL DANGAR	☐ HR HIMANI RATHOD	☐ KS KHUSHI SAVALIYA ☐ DB DHARM BHUT ☐ MK MEET KAMANI ☐ KK KRISHA KOTHIYA	☐ HG HETAL GORANIYA ☐ SG SAHIL GAJERA	☐ NS NIHAR SAVALIYA	☐ KP KRISHABEN PATHAK

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Testimonial

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- Why was it important for you to dedicate energy towards this?
- How long did it take you to take action towards doing the content addition and all other stuffs?
- What were some doubts and challenges that you faced and how you overcame that?
- What was the magnet that attracted you to keep on going?
- What is your overall experience while execution of the course on the platform?

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Thank You