



ICTACADEMY

Program Guide

New India Learnathon

2020

Learning Unblocked

The Digital Learning Series 2020

Powered By



Dear Student,

Greetings from ICT Academy.

ICT Academy appreciates your interest in self-learning and keeping yourself updated in this competitive world.

ICT Academy in association with various industry partners has launched a new initiative "**New India Students Learnathon – 2020**" with the aim of helping the students to build their skills online.

We are happy to share the Program Guide to you which will take you step by step in successfully completing your online learning journey.

Kindly follow each of the steps as it will be helpful for us to track your learning and update you on the learnings.

At any point of time, if you are stuck in-between the process kindly write a mail with the screen shot of the same to sherry@ictacademy.in, who will guide you to proceed further.

We wish you good luck and happy learning.

STAY HOME. STAY SAFE.

With Regards,

Team ICT Academy.

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Program Guidelines

- Kindly use the same mail id which you have used to register for the Learnathon at ictacademy.in/learnathon2020 to learn all the courses
- One student should complete minimum 10 courses out of the 13 courses listed to be eligible for a Learnathon Completion certificate from ICT Academy
- It is mandatory for the students to select 1 course from every partner and get a vast experience on various technology
- If a student has selected less courses during registration and now interested to learn more course follow the below link to add more courses
- All process set by every partner organization has to be followed by the participant without fail
- At any point of time if you have any queries reach out to sherry@ictacademy.in and get it clarified

Automation Anywhere

RPA is for everyone. And the benefits of RPA span all industries and business units. Applying RPA for business process automation is limited only by the imagination and putting bots to work has never been easier, with a growing marketplace of ready-made, ready-to-deploy Digital Workers available on demand, requiring no specialized IT infrastructure.

Skill building on RPA with Automation Anywhere

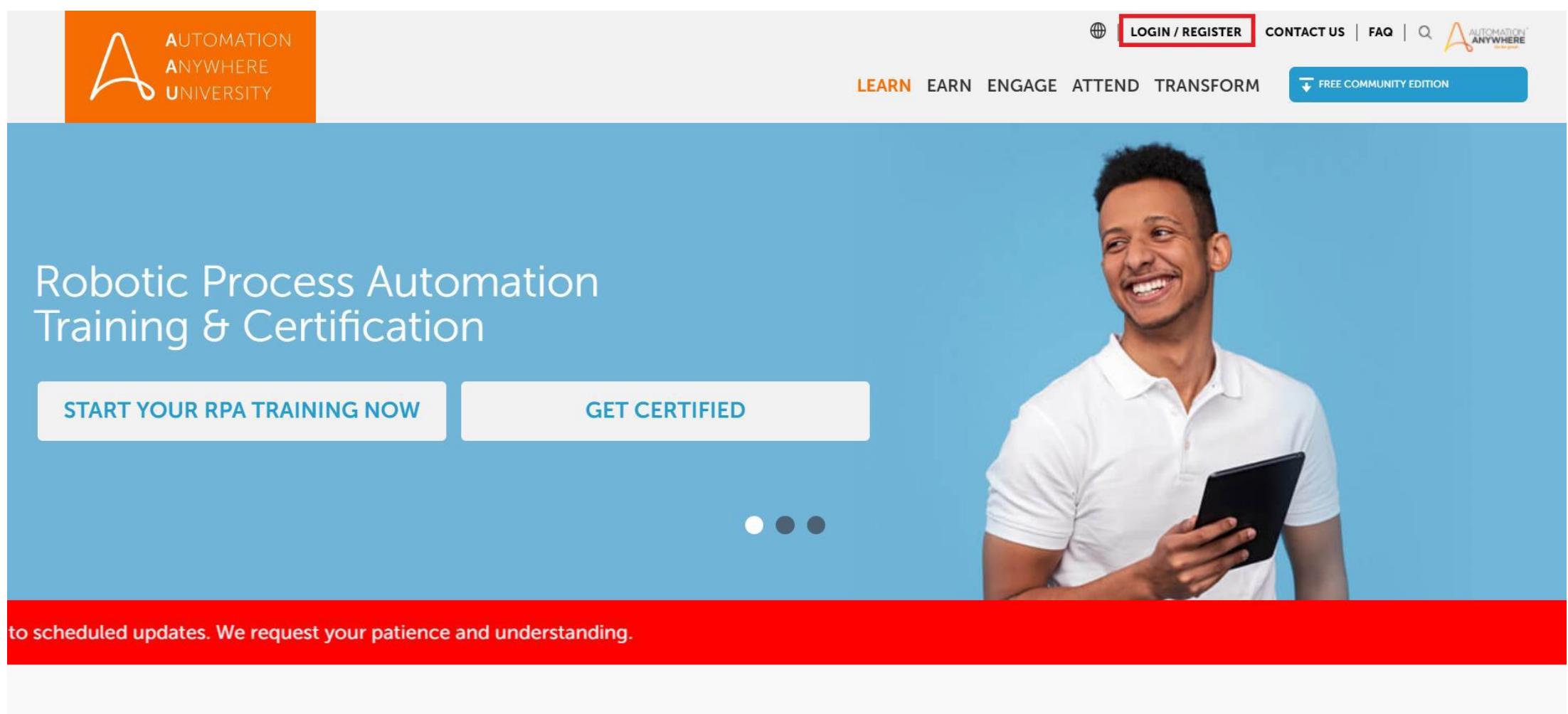
S. No.	Courses	Duration
1	Hello Bot: Introduction to RPA and Use Cases v11	3 hours
2	Build the digital work force	5 hours
3	Storing and Manipulating Data: How to Automate Database-related Processes	30 Mins
4	Automating Excel Operations: Methods to Work with Excel Workbooks	30 Mins
5	Working with PDF Documents: Methods to Automate PDF-Related Processes	30 Mins
6	Automating Structured Data: How to Work with XML Streams	30 mins
7	Automating String Operations: Methods to Manipulate and Extract Strings	30 mins
8	Communicating with Email Servers: Methods to Automate Email Messages	30 mins
9	Communicating with Emulators: How to Automate Terminal Applications	30 mins
10	Unleash Your Intelligent Bots: Developing Cognitive Bots, driven by AI & Machine Learning	30 Mins
11	Bot Story: Where Automation Meets Analytics Using Bot Insight V11.0	2 hours

Total Learning Duration: 12 hours

Instructions to initiate learning on Automation Anywhere

Step 1: Go to <https://university.automationanywhere.com/>

Step 2: Click “Login/Register”



Step 3: Click on “Create Account”

A screenshot of the Automation Anywhere University login page. The top navigation bar includes the university logo and links for LOGIN / REGISTER, CONTACT US, FAQ, and a search bar. The main content area is titled "Login" and instructs users to enter their Email to log in. A yellow "Next" button is present. Below the input field, a link to terms & conditions and a "Forgot your password?" link are shown. A "Create Account" button is highlighted with a red border. A note at the bottom states, "We've upgraded our login system. Need help logging in?".

Step 4: Fill in all the required fields and select both the check boxes\

Step 5: Click on “Sign Up”

Note: Select “Student – Developer” under Business Roles



Sign up

* First Name

* Last Name

* Nickname

* Email

* Phone

* Country ▾

* Business Role ▾

Company Name

Other Business Affiliation (If Applicable) ▾

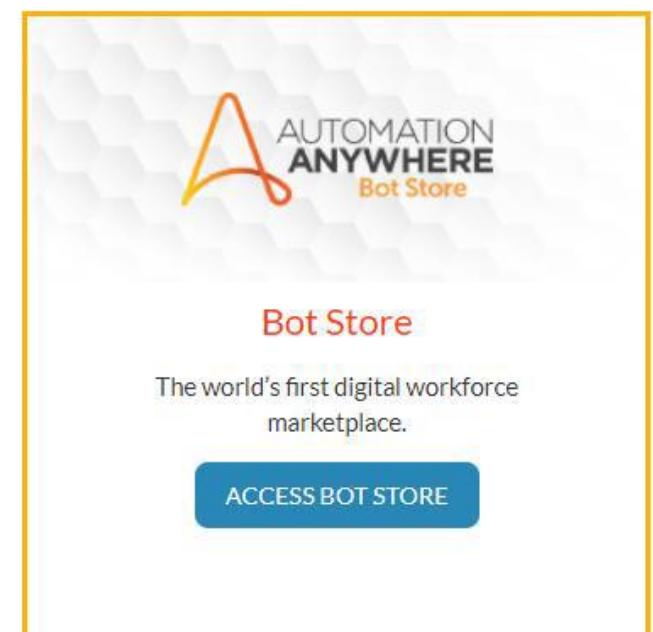
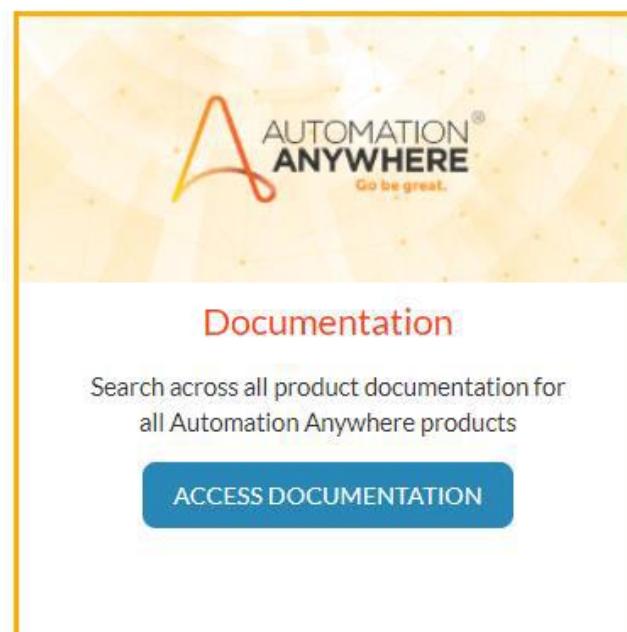
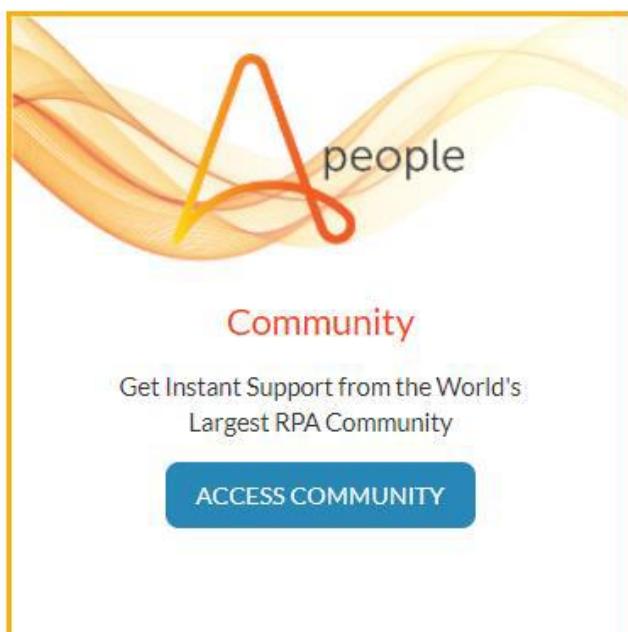
By proceeding, you acknowledge that you have read and accepted the A-People [Terms and Conditions](#), as well as Automation Anywhere's [Terms and Privacy policy](#)

I agree to Automation Anywhere sending me communications regarding its products and services.

Sign Up

Step 6: After registration, students will receive a mail with a link which can be used to login to their Automation Anywhere University account

Step 7: Login to your account and select “Access Training”



Step 8: Select the learning pathway under “My Courses” and start the learning process
Note: If the learning pathway does not reflect, search for the suggested courses under “Content Library” and initiate the learning process

Sample Certificate



AWS Educate

The program is intended to induce self-learning and introduce basic cloud technology skills to all students. The program is organized exclusively for all institutions across India, where the students learn the modules online through self-instructed videos and exercises and prove their cloud learning skills.

Start your journey on Cloud with AWS Educate

S. No.	Courses	Duration
1	Cloud Literacy – Inventor	8 hours
2	Cloud Computing 101	9 hours

Total Learning Duration: 17 hours

Instructions to initiate learning on AWS Educate

Step 1: You will be receiving a link from ICT Academy on 5th May to your registered mail ID

Step 2: Click on the given link in the mail and you will be redirected to below screen

The screenshot shows the 'Promotion Signup' page for AWS Educate. At the top, there's a logo for 'aws educate' with a graduation cap icon, followed by a link 'Apply to join AWS Educate'. Below the header, the title 'Welcome to AWS Educate' is displayed. On the right, there's a 'Preferred Language:' dropdown set to 'English'. The main form area contains several input fields: 'India' (dropdown), 'City' (text input), 'Field of Study' (dropdown with placeholder 'Please select the most appropriate'), 'School or Institution Name' (text input with placeholder 'Start typing the name of your school and select from the list. If you don't see your school, enter the full name, example: Harvard University'), 'First Name' (text input), 'Last Name' (text input), 'Birth Month' (dropdown), 'Birth Year' (dropdown), 'Email' (text input), 'Completion Year' (dropdown with placeholder 'The graduation year of your current degree program'), 'Completion Month' (dropdown with placeholder 'The graduation month of your current degree program'), and a reCAPTCHA field labeled 'I'm not a robot'.

Step 3: Once you enter the details, you will be receiving a mail with the activation link. Ensure to activate your account within 24hours

Note:

- a) "Graduation Year", ensure to enter the passing out year (future year)
- b) Use the same email id, which was used for registration with ICT Academy Learnathon

Step 4: After step 3, you will receive an email to setup you password and login. You can then log in and initiate the learning

Sample Badges



CISCO Networking Academy

Cisco Networking Academy is an IT skills and career building program for learning institutions and individuals worldwide. This platform helps you to practice what you learn, and become an IT professional.

Here are few Beginner's program, which gives the basic understanding of the respective course category.

Build your skills today with CISCO Networking Academy

For IT Students

S. No.	Modules	Duration
1	Introduction to Packet Tracer	3 hours
2	Cybersecurity Essentials	5 hours

For Non – IT Students

S. No.	Modules	Duration
1	Introduction to Internet of Things	3 hours
2	Entrepreneurship	5 hours

Total Learning Duration: 8 hours

Instructions to initiate learning on CISCO Networking Academy

Step 1:

Launch any one of the links below:

Introduction to Packet Tracer

<https://www.netacad.com/portal/web/self-enroll/c/course-1015014>

Cybersecurity Essentials

<https://www.netacad.com/portal/web/self-enroll/c/course-1015881>

Introduction to IoT

<https://www.netacad.com/portal/web/self-enroll/c/course-1015882>

Entrepreneurship

<https://www.netacad.com/portal/web/self-enroll/c/course-1015884>

Note: Account has to be created only once, after that clicking on the above link will add the program to your page.

Entrepreneurship

ICT Academy



Description

The launching pad course for your great idea

It takes more than a single great idea to become a successful entrepreneur. The winding road between idea and execution requires business acumen, financial skills, and most importantly the right mind-set. This knowledge can not only set you apart, but set up your technology venture for greater success. So, why not benefit from a course that's made for you, jump-starting your ideas, and arming you with the right skills to take the next step with more self-confidence. No prerequisites required.

Course Details

ICT E - 004

Entrepreneurship (English - 1.01)

19 Apr - 29 Apr 2020

Saravanan Gurusamy

Enroll now

First Name *

Last Name *

Email *

protected by reCAPTCHA

[Privacy](#) · [Terms](#)



Student ID

[Submit](#)

Step 2:

Enter the required fields and click “Submit”

Note: Student ID can be left blank

Step 3:

Students will receive the below mail from CISCO to their previously entered e-mail ID

Dear Sherry Georhge,

Welcome to Cisco Networking Academy! To activate your account, please click the button below:

[Activate account >>](#)

TIPS:

- Your NetAcad ID is 1009557424. Keep this handy in case you ever need support
- This link is valid for a limited time. If this link is expired, please go to <https://www.netacad.com> and click on Log In/Resend Activation Email to get a new link.
- The create account screen accepts names in English characters only. For your convenience, we have auto-translated your first name and last name. You can correct the translation if needed.
- If you do not see a button, please copy the following link and paste into your browser:
<https://identity.cisco.com/api/tenants/global/v1.0/consumption/consume?token=dF8ahnbZEEvnMxNQA1zPJCf8NZ74Y0BZJaYLZRyoAggEyALM>
- If you already have an account, go to <https://www.netacad.com> and click Log In to access your courses.

Whether you've always been passionate about technology or just discovered IT, there has never been a better time to get started.

Sincerely,
Cisco Networking Academy Team
<https://www.netacad.com>

Step 4:

Click on “Activate Account”

Step 5:

On the Create Account page, enter your details and click “Register”

Note: In the field “Company Name”, enter your College Name

 US
EN

Create Account

Already have an account? [Sign In](#)

Email
 Business email preferred

First Name

Last Name

Country or Region

Company

Password

Confirm Password

Would you like updates about Cisco promotions, products and services?

Email Yes No

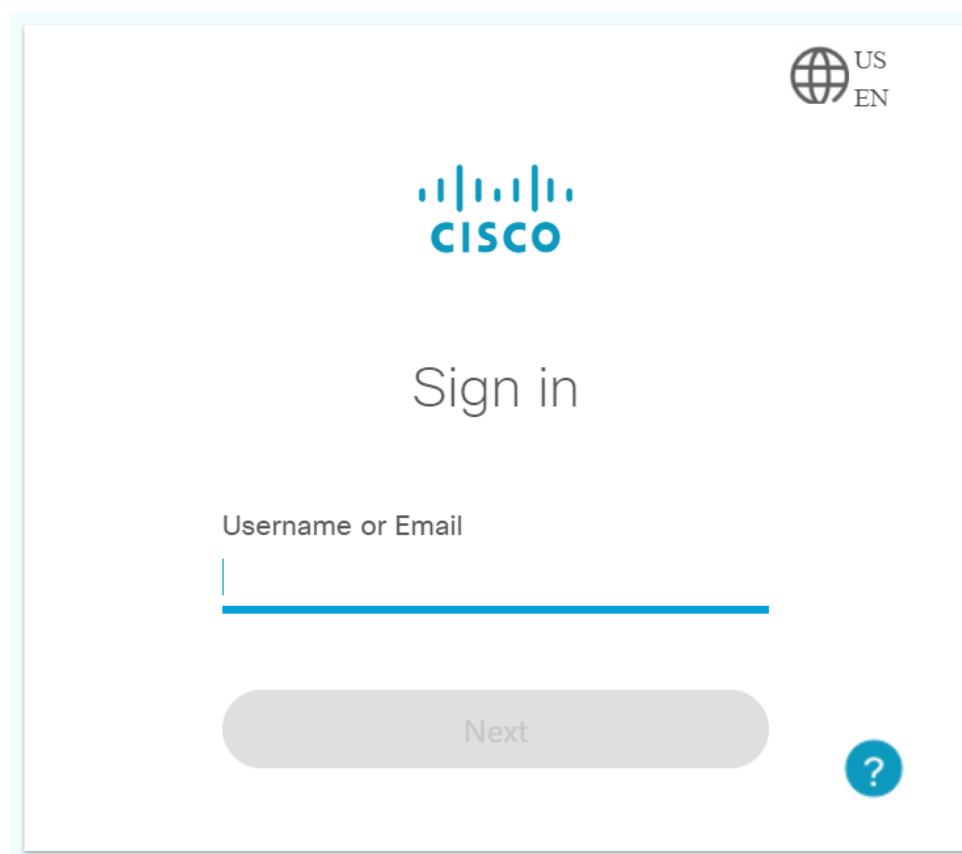
By clicking Register, I confirm that I have read and agree to the [Cisco Online Privacy Statement](#) and the [Cisco Web Site Terms and Conditions](#).

[Register](#)



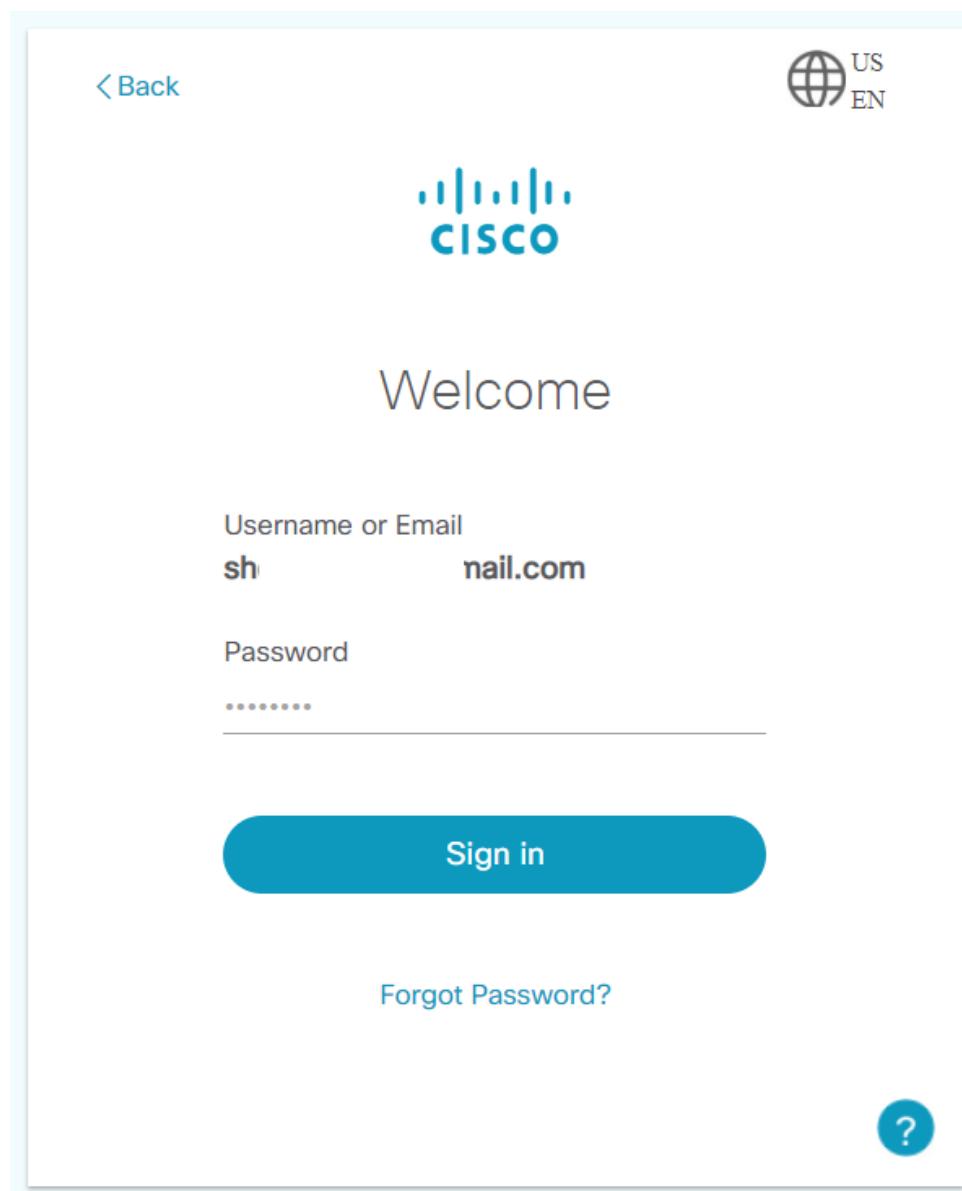
Step 6:

Once the registration process is complete, you will be redirected to the below page, enter your registered e-mail ID and click “Next”



Step 7:

Enter the password you set in the next page and click “Sign In”



Step 6:

After successfully signing in, fill in the required details in the next page and click “Create Account”

CISCO Networking Academy

We're excited to have you join us. Before you get started, we need to know a few things about you.

Language: English
You can change Language later in user profile screen

First Name *: Sherry
Last Name *: George

Email Address *: she@mail.com
A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

Please send me important emails from Cisco Networking Academy

Gender *: Select One

What is your practical experience in IT or networking? *: None

Do you have a Disability? *: No
Disability information is used for statistical purposes only and is not associated with your personal account.

Birth Date *: 16 Apr 1991
Use format "23 Apr 2020". Date of birth is used to help confirm your identity if you request support.

By clicking Create Account, you agree to our [Terms and Conditions](#) and that you have read our [Privacy Statement](#), including our [Cookie Policy](#).

Create Account

Building the skills employers demand since 1997. 9.2 Million students, 180 countries
Cisco Corporate Social Responsibility programs accelerate global problem solving through our technology and expertise to positively impact people, society, and the planet. Cisco Networking Academy helps 1 million people each year develop the skills they need to excel in a job market driven by networked connections. [Read more about Cisco Networking Academy's mission and global impact](#)

Step 7:

After successfully creating your account you will be redirected to your page with the selected course and you can start your learning by clicking “Launch Course”

CISCO Networking Academy My NetAcad Resources Courses Careers About Us

Home / I'm Learning Last login on 04/23/2020 at 11:25 AM

i • Password Recovery Number is not set (highly recommended). Set up SMS account recovery now. X

✓ • Your changes have been saved successfully! X

I'm Learning

Courses I've Enrolled In

Status All Statuses

Course Title	Status	Action
ICT PT - 001 Introduction to Packet Tracer ICT Academy	In Progress	Launch Course

Showing 6 << < 1 - 1 of 1 > >>

[View Completed and Ended Courses in your NetAcad Learning Transcript](#)

Sample Certificate



Certificate of Course Completion

Cisco Networking Academy

Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Mayur Bhushan Kotoky

Student
3 Apr 2020
Date

MathWorks

MATLAB offers this free course on Machine Learning and Deep Learning and provides an interactive introduction to practical methods on Deep Learning and Machine Learning. Here some of the topics that will be covered are classification workflows, importing and pre processing data and managing collections of image data.

Advance your skills with MATLAB

S. No.	Courses	Duration
1	Machine Learning Onramp	2 hours
2	Deep Learning Onramp	2 hours

Total Learning Duration: 4 hours

Step by Step instruction for creating a MathWorks Account

Step 1:

Launch any one of the links below

Deep Learning Onramp:

https://www.mathworks.com/learn/tutorials/deep-learning-onramp.html?s_eid=PSM_23238

Machine Learning Onramp:

https://www.mathworks.com/learn/tutorials/machine-learning-onramp.html?s_eid=PSM_23239

Note: You need to create MathWorks account only once.

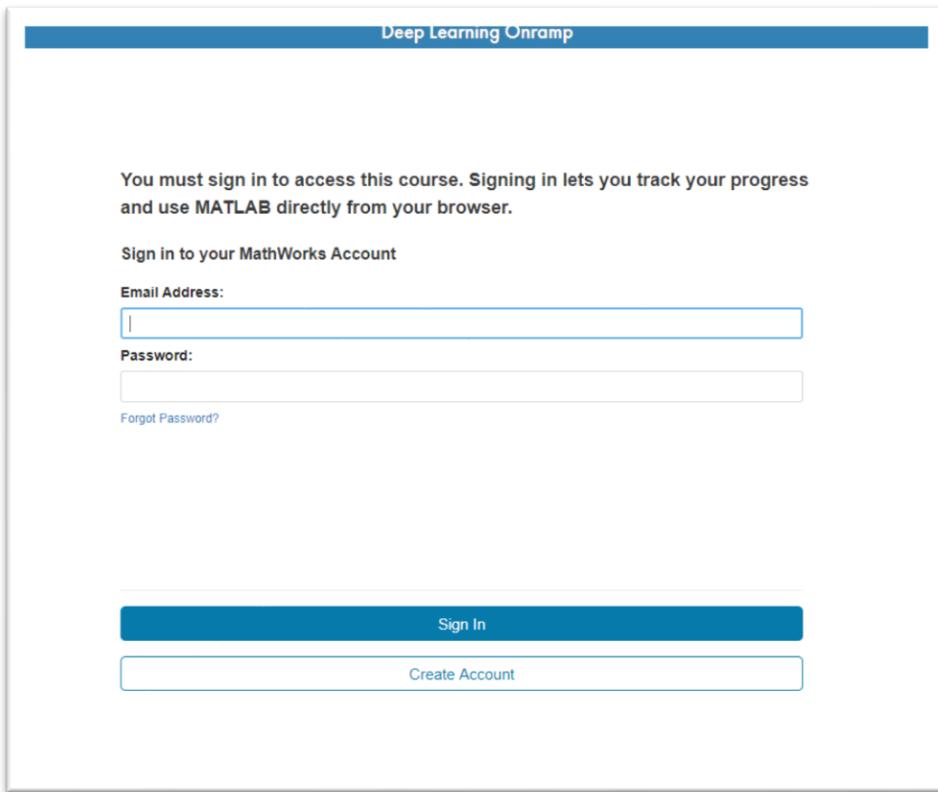
Here I have launched the Deep Learning Onramp link.

Click on “**Launch the Course**”.

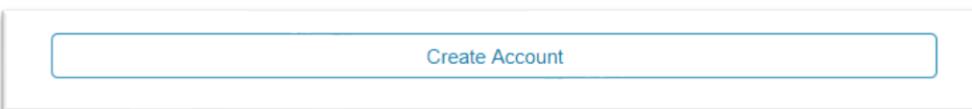
The screenshot shows the MathWorks website with the "MATLAB and Simulink Training" header. Below it, the "Deep Learning Onramp" course is displayed. The course description states: "This free, two-hour deep learning tutorial provides an interactive introduction to practical deep learning methods. You will learn to use deep learning techniques in MATLAB® for image recognition." It lists prerequisites: "MATLAB Onramp or basic knowledge of MATLAB". A large "Launch the course" button is visible. To the right, there's a thumbnail image of a neural network diagram. Below the main section, four icons represent course features: a monitor for web browser access, a laptop for video tutorials, a checkmark for hands-on exercises, and a globe for multilingual support (English and Japanese). At the bottom, a "Select a Lesson to Get Started" box shows the first lesson: "1. Introduction", which is 5 minutes long. A "Start" button is next to the lesson description. To the right, a "Related Courses" section is shown with a thumbnail for "Deep Learning with MATLAB".

Step 2:

Opens the below screen.



Here click on “Create Account”



Step 3:

Opens the below page.

You must sign in to access this course. Signing in lets you track your progress and use MATLAB directly from your browser.

Create MathWorks Account

Email Address

To access your organization's MATLAB license, use your school or work email.

Location

First Name

Last Name

Continue

Cancel

Enter the personal/ organization/institution “**email address, location, first name and last name**”.

Click “Continue”.

You must sign in to access this course. Signing in lets you track your progress and use MATLAB directly from your browser.

Create MathWorks Account

Email Address

 ✓

To access your organization's MATLAB license, use your school or work email.

Location

First Name

 ✓

Last Name

 ✓

Continue

Cancel

Step 4:

If you are entering personal email ID. You will get a message “To use your organization’s MATLAB, enter your work or university email”.

The screenshot shows a sign-in page for the Deep Learning Onramp course. At the top, it says "Deep Learning Onramp". Below that, a message states: "You must sign in to access this course. Signing in lets you track your progress and use MATLAB directly from your browser." A yellow warning box contains the text: "⚠ To use your organization's MATLAB, enter your work or university email". Below this, there is a form field labeled "Email Address" containing "a nan r@gmail.com" with a green checkmark icon. A checkbox labeled "Use this email for my MathWorks Account" is checked. At the bottom, there are two buttons: "Continue" (blue) and "Cancel" (white).

If you do not have any, please click and enable the “Use this email for my MathWorks Account”.

Click on “Continue”.

Deep Learning Onramp

You must sign in to access this course. Signing in lets you track your progress and use MATLAB directly from your browser.

Personal Email Detected

 To use your organization's MATLAB, enter your work or university email

Email Address

a nan r@gmail.com 

Use this email for my MathWorks Account

Continue

Cancel

Step 5:

Here you get a message asking you to sign in into your personal email ID.

You must sign in to access this course. Signing in lets you track your progress and use MATLAB directly from your browser.

Verify Your MathWorks Account

To finish creating your account, complete the following steps:

1. Go to your inbox for a nan r@gmail.com.
2. Click the link in the email we sent you.
3. Click **Continue**.

Didn't receive the email?

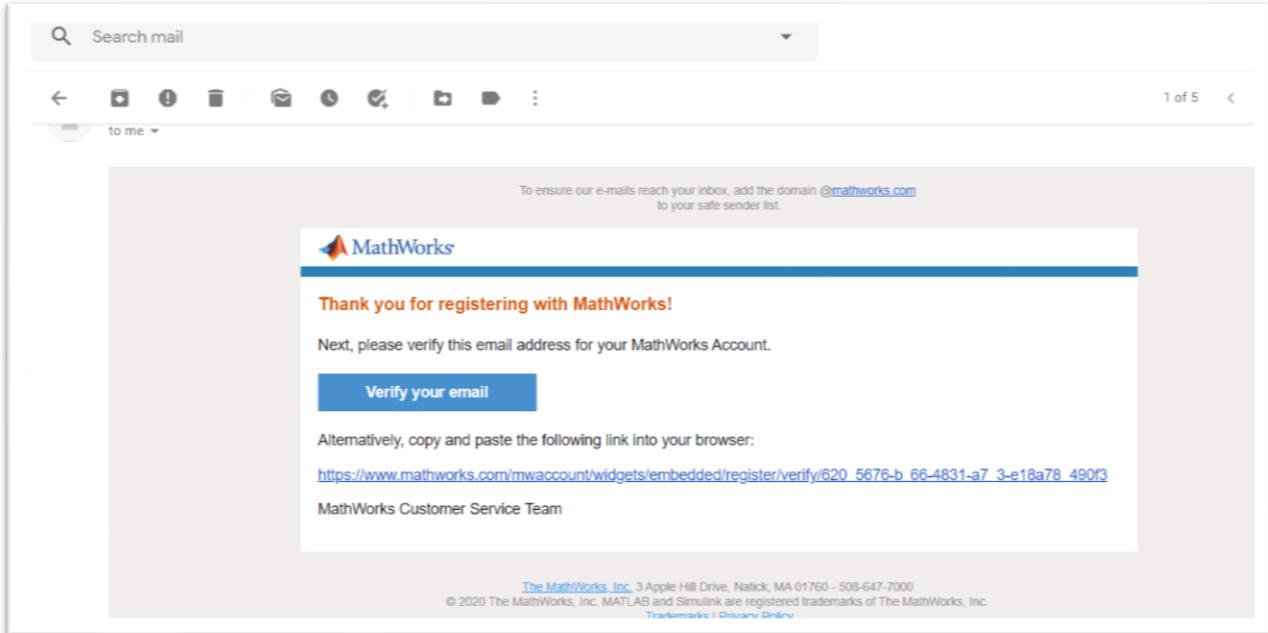
- Check your spam folder.
- Send me the email again.
- If you still have not received the email, Contact [Customer Support](#)

Continue

Cancel

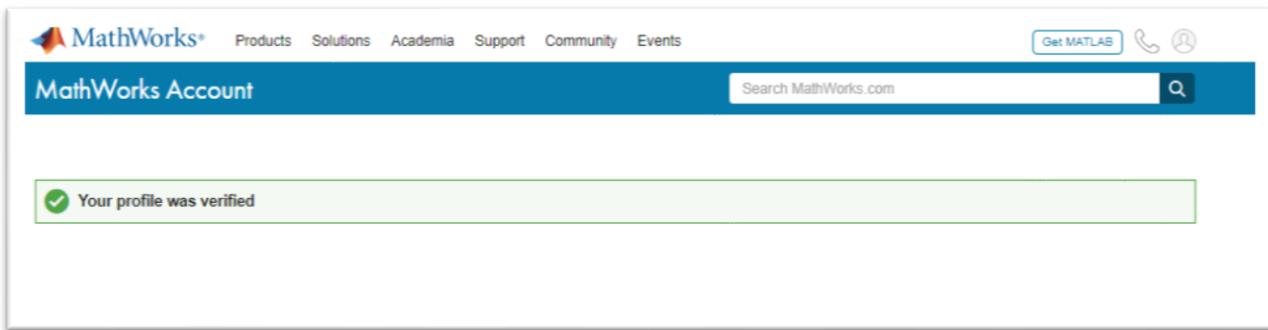
Step 6:

Received an email as shown in the below image. Click on “Verify your email”.



Step 7:

Opens a page conveying that “**Your profile was verified**”.



Step 8:

Go back to “**Step 2**”. Enter your MathWorks registered email ID and password.

Click “**Sign-In**”.

Step 9:

Launches the course as shown below.

The screenshot shows the "Deep Learning Onramp" course page. At the top, a blue header bar displays the course name and a progress indicator of "0% complete". Below the header, the main content area has a light gray background. The course title "Deep Learning Onramp" is centered at the top of the content area. To the right of the title, there is a small orange button labeled "First time here?". The content is organized into four main sections, each with a bolded section header and a list of associated topics:

- 1. Introduction**
Familiarize yourself with Deep Learning concepts and the course.
 - Deep Learning for Image Recognition
 - Course Overview
- 2. Using Pretrained Networks**
Perform classifications using a network already created and trained.
 - Course Example - Identify Objects in Some Images
 - Making Predictions
 - CNN Architecture
 - Investigating Predictions
- 3. Managing Collections of Image Data**
Organize and process images to make them usable with a given network.
 - Image Datastores
 - Preparing Images to Use as Input
 - Processing Images in a Datastore
 - Create a Datastore Using Subfolders
- 4. Performing Transfer Learning**
Modify a pretrained network to classify images into specified classes.
 - What is Transfer Learning
 - Components Needed for Transfer Learning
 - Preparing Training Data
 - Modifying Network Layers
 - Using Transfer Learning

Sample Certificate





Salesforce

Salesforce Trailhead is a fun way to learn. Chances are, your next job will require Salesforce skills. This Trailmix is the initial step for the program "Become Job Ready for Developer" which will be launched by ICT Academy in the month of June.

Skill building on RPA with Automation Anywhere

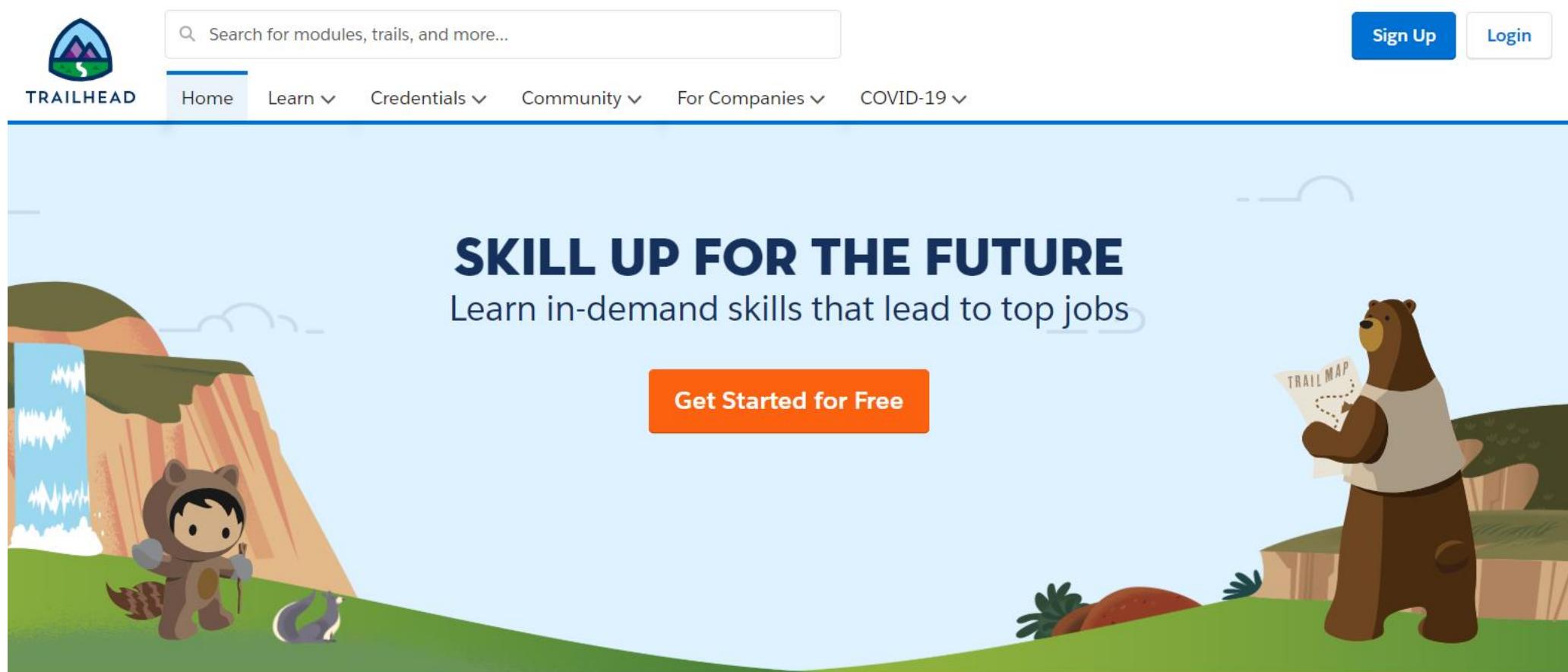
S. No.	Courses	Duration
1	Trailhead Basics	15 mins
2	Trailhead Playground Management	20 mins
3	Salesforce Platform Basics	50 mins
4	CRM for Lightning Experience	40 mins
5	Data Modeling	45 mins
6	Build a Lemonade Stand App	1 hour 30 mins
7	Picklist Administration	50 mins
8	Formulas & Validations	45 mins
9	Data Management	40 mins
10	Reports & Dashboards for Lightning Experience	1 hour 50 mins
11	Build a Data Model for a Recruiting App	1 hour 5 mins
12	Create Reports and Dashboards for Sales and Marketing Managers	1 hour 30 mins

Total Learning Duration: 12 hours

Instructions to initiate learning on Salesforce Trailhead

Step 1: Go to <https://trailhead.salesforce.com>

Step 2: Click “Sign Up”



TRAILHEAD IS THE FUN WAY TO LEARN

Step 3: Sign Up using “Google”

Step 4: Complete your profile

Step 5: Ensure “Public Profile” is “On”

A screenshot of the Trailhead "Complete your profile" form. The form is set against a background of a landscape with mountains and clouds. The title "Complete your profile" is at the top, followed by the instruction "Tell us a bit about yourself". There is a large, empty circular profile picture placeholder with a blue tint. Below it is a "Add a Profile Pic" button. The form contains several input fields: "First Name *", "Last Name *", "Profile URL *", and "Public Profile". The "Profile URL" field contains the value "trailblazer.me/id/". The "Public Profile" field is a toggle switch that is currently set to "On". At the bottom right of the form is a "Next" button.

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Privacy Statement

Terms of Use

Use of Cookies

Trust

Help

Log Out

English

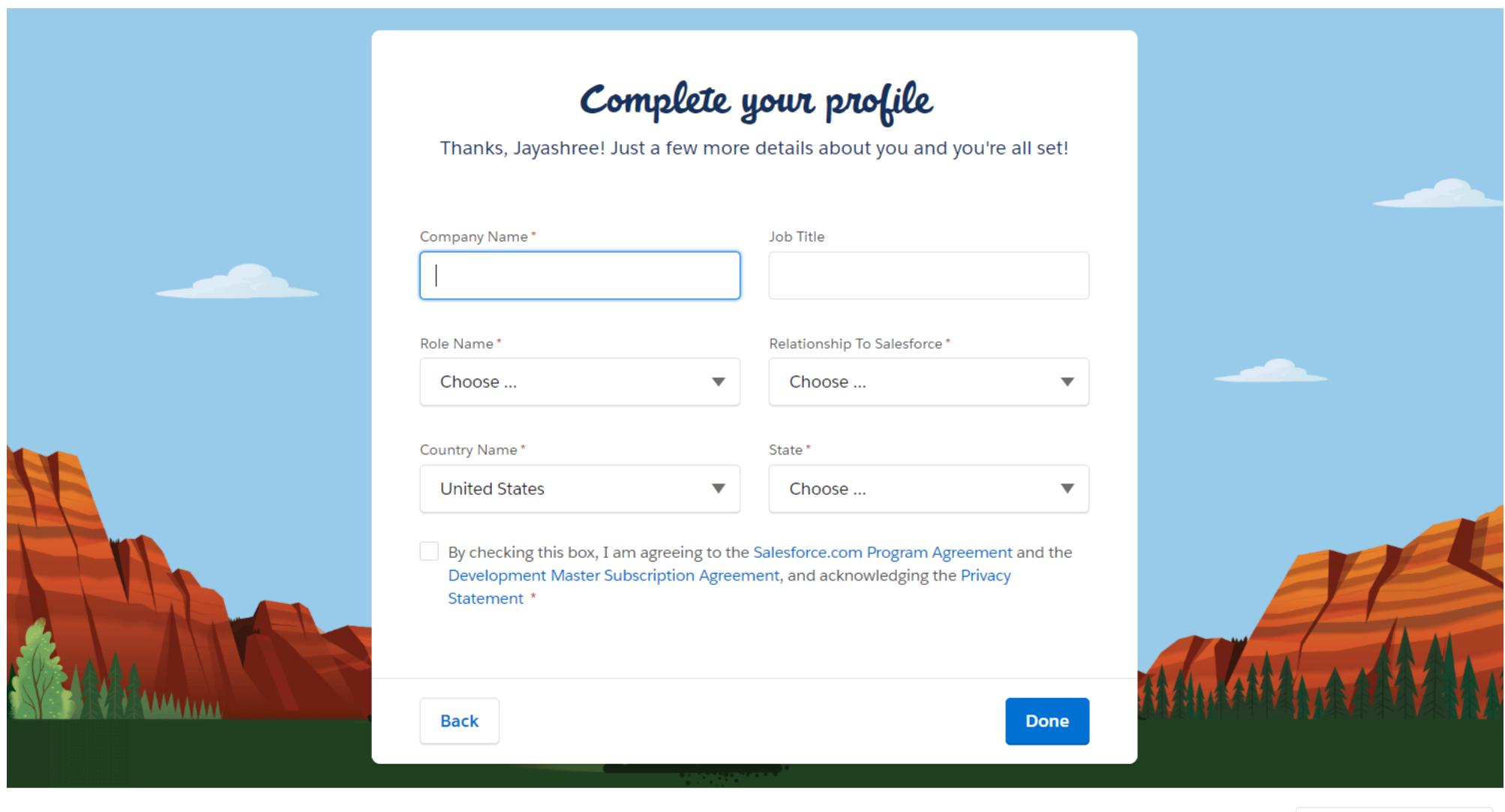


Step 6: Complete the required details

Step 7:

- Fill company name/Institution Name
- Role Name: Students
- Relationship to Salesforce: Non-customer/Prospect

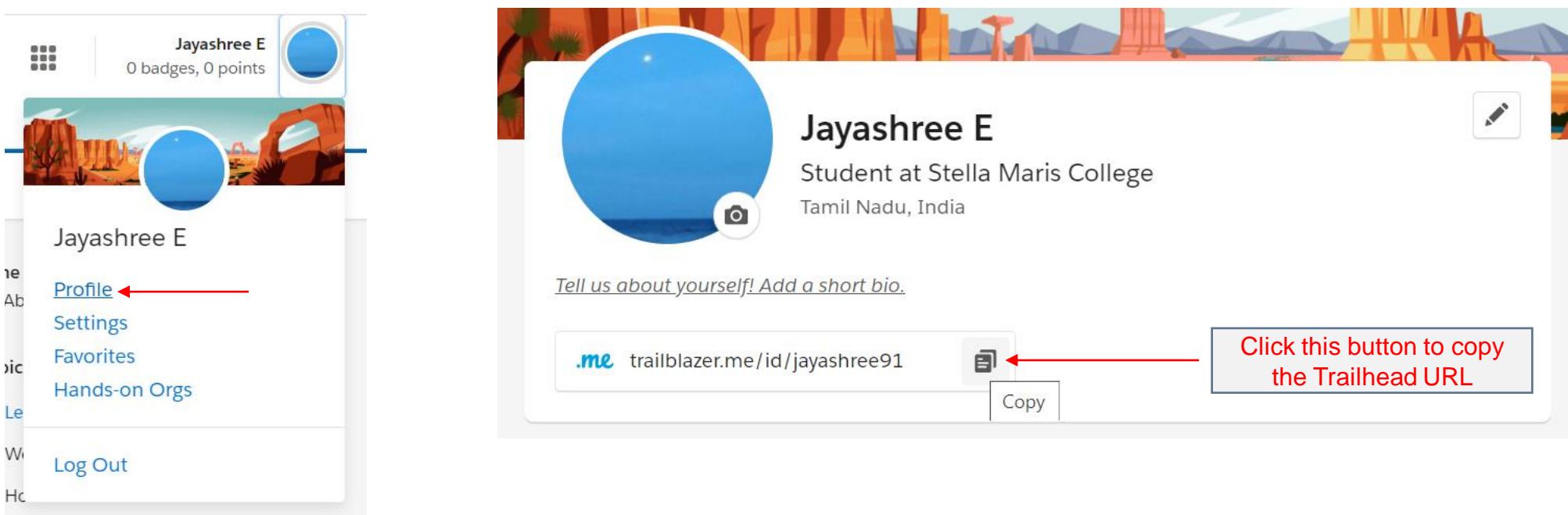
Step 8: Click “Done”



Step 9: Your account will be created

A screenshot of the Trailhead Basics "Get Started with Trailhead" page. The page features a search bar, navigation links (Home, Learn, Credentials, Community, For Companies, COVID-19), and a user profile for "Jayashree E". The main content area includes a video player showing a woman speaking, learning objectives, time estimate, topics, and a challenge section. The challenge offers "+100 points".

Step 10: Updated your account by clicking on “Profile”



Step 11: Copy your Trailhead URL and fill it in the Google Sheet

<https://forms.gle/4gsKNLpSJC1YZb3Z9>

Step 12: Once the above process is completed, click the below link and start your learning:
<https://trailhead.salesforce.com/en/users/trailblazerconnect/trailmixes/become-job-ready-for-developer-trailmix-1>

Note: It is important to make a note of your TRAILHEAD URL and enter the same in the provided Google Sheet, as only that will be used to verify the badges you have earned.

Sample Badges



Reports & Dashboards
for Lightning Experience



Picklist Administration



Trailhead Playground
Management

STEP – The Hindu Group

This course develops the key communication skills namely reading, writing, listening and speaking skills as well as grammar and vocabulary. These video lessons use contexts involving practical, real-life situations and equip learners will skills need for day-to-day communication.

Skill up your communication with STEPATHON

S. No.	Focus Areas
1	Reading
2	Writing
3	Listening
4	Speaking
4	Grammar
4	Vocabulary

Total Learning Duration: 10 hours

USER GUIDE- STEP LEARNERS USING THE WEB VERSION

Technical Requirement:

Desktop or laptop

- Compatible speakers or headphones with microphone
- Chrome version 52+, or Firefox version 50+, or Edge Windows 10 build 15019
- Operating System – Windows7+, Ubuntu
- Access to You Tube
- Access to <https://step.thehindu.com/>
- Stable internet connection with 1Mbps speed via Wi-Fi or Ethernet or 4G hotspot

Note: Please use only system compatible headphones as there will be issues while recording speech questions.

Video links on how to access the course:

Desktop version: <https://www.youtube.com/watch?v=rJL1qU5C4DU&feature=youtu.be>

Detailed orientation video to familiarize on course structure -

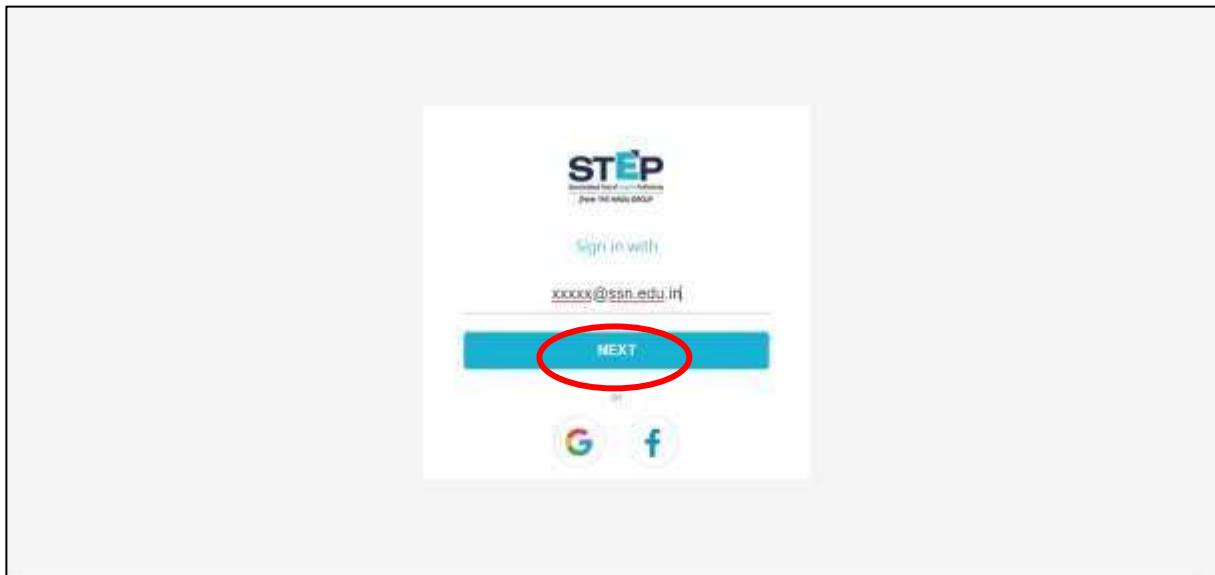
<https://www.youtube.com/watch?v=58jNJJtdTA&feature=youtu.be>

How to access the STEP course?

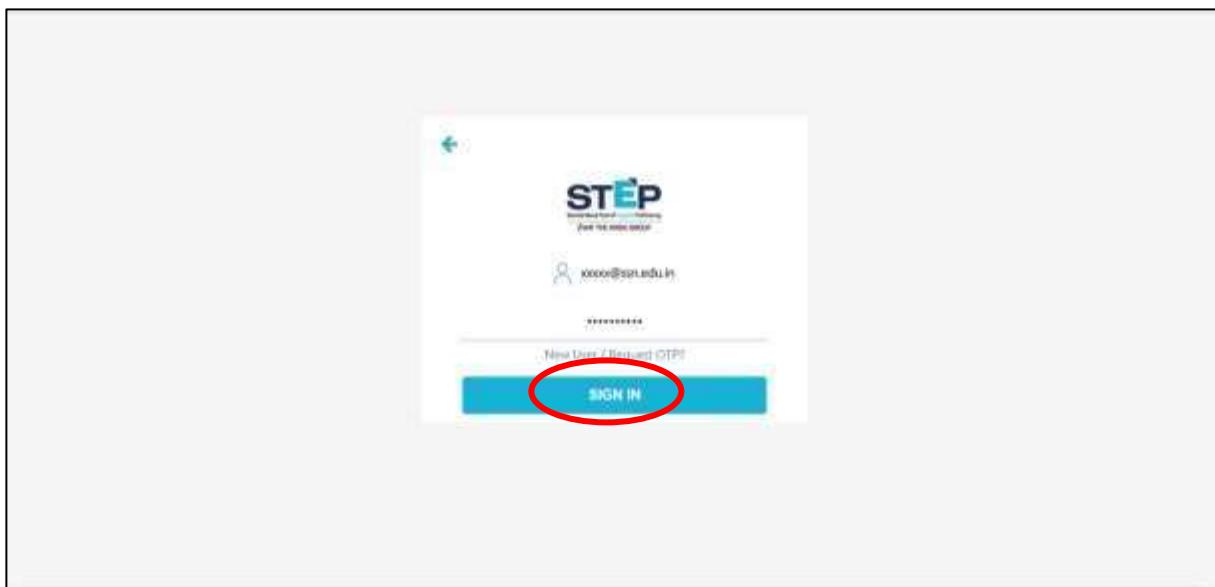
Log onto <https://step.thehindu.com/> and click on **LOGIN** on the top right corner of the screen.



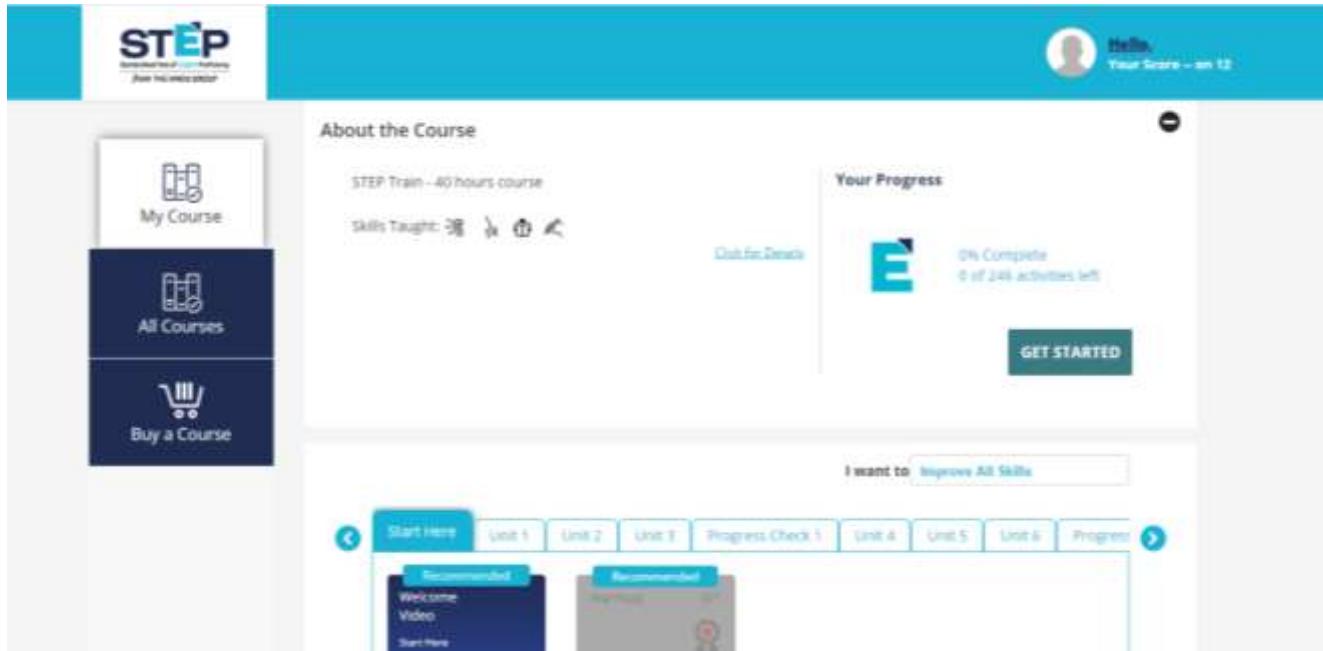
STEP 1: Type your email ID or phone number and click on **NEXT**.



Type the License Key shared with you by your administration and click on **SIGN IN**.

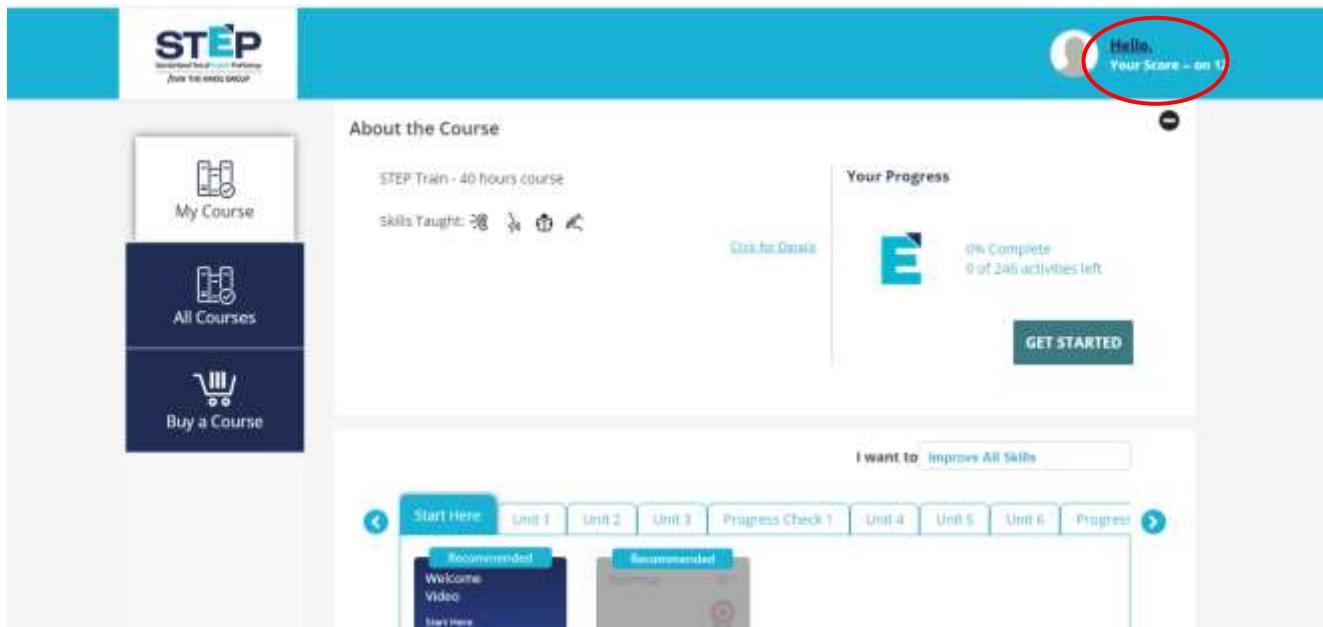


STEP 2: Your home screen will look like this sample screen.



The screenshot shows the STEP platform's home screen. On the left, there is a sidebar with three main options: "My Course" (selected), "All Courses", and "Buy a Course". The main content area is titled "About the Course" and displays information about the "STEP Train - 40 hours course". It shows "Skills Taught: 38" and a progress bar. To the right, there is a "Your Progress" section with a large letter "E" icon and the text "0% Complete" and "0 of 246 activities left". A "GET STARTED" button is present. At the bottom, there is a navigation bar with tabs: "Start Here", "Unit 1", "Unit 2", "Unit 3", "Progress Check 1", "Unit 4", "Unit 5", "Unit 6", and "Progress". The "Start Here" tab is highlighted. Below the tabs, there are two cards: "Recommended Welcome Video" and "Recommended My First Unit".

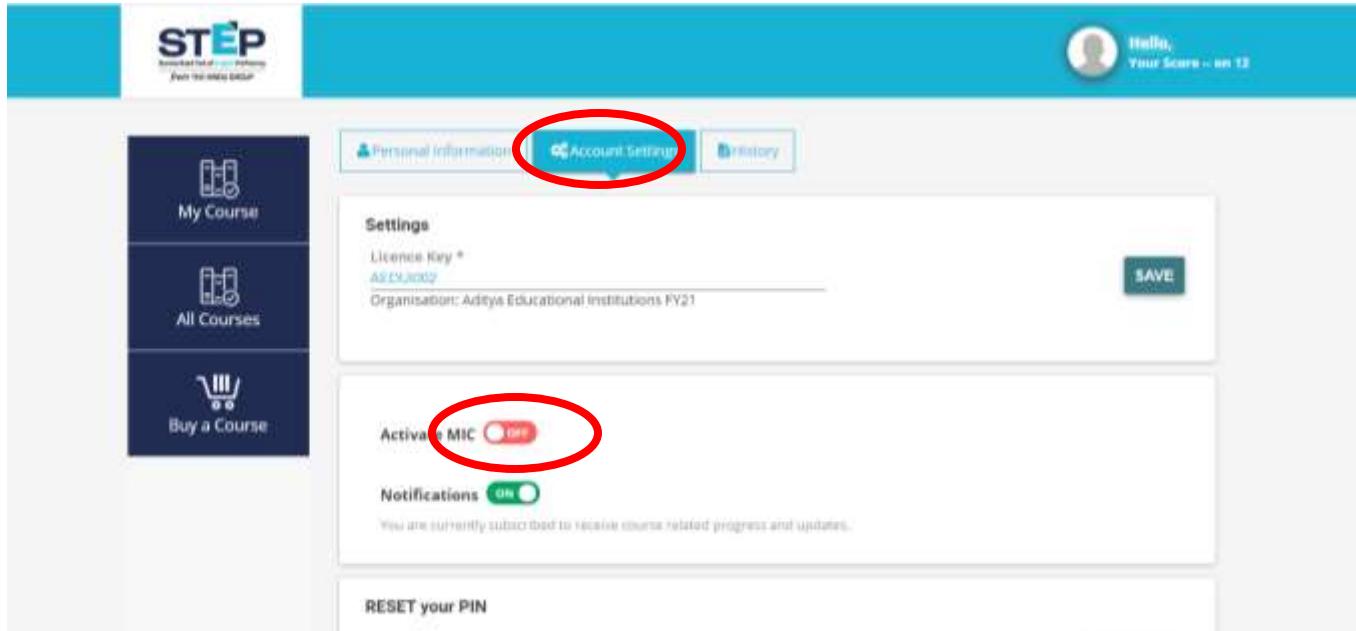
STEP 3: Click on Hello



This screenshot is identical to the one above, showing the STEP home screen. However, a red circle highlights the "Hello, Your Score - 0/1" message located in the top right corner of the header bar.

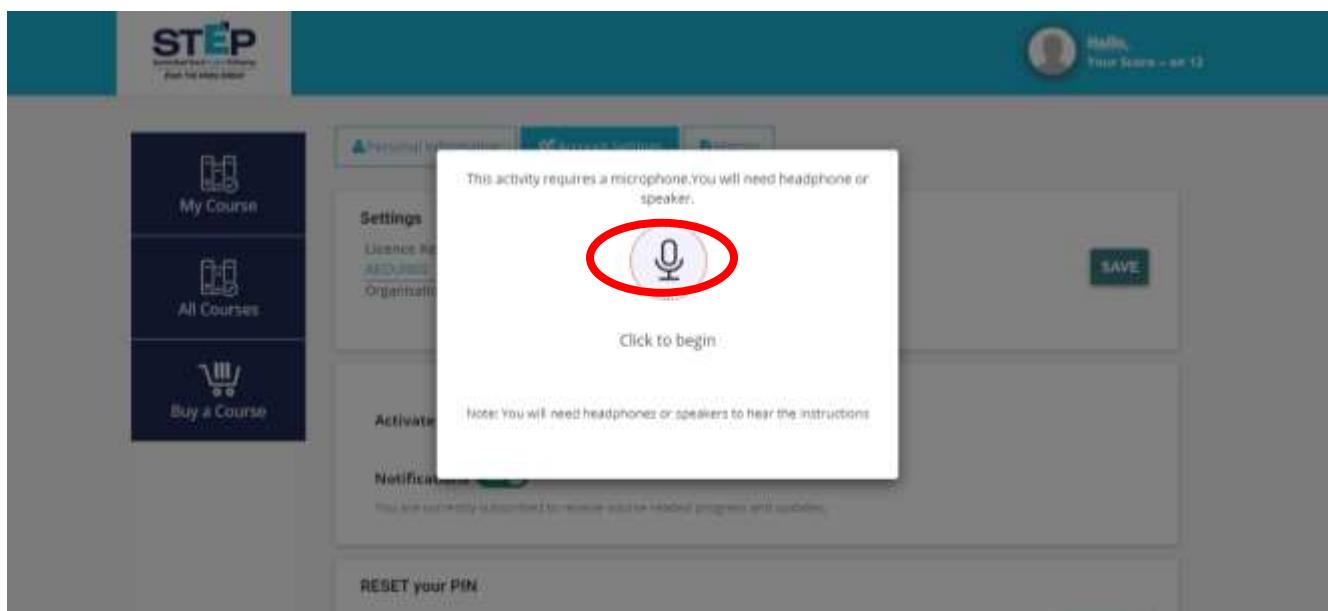
STEP 4: Click on Account Settings

Before you proceed with the course, please ensure your **MIC** is on. Plug your headphone and mic into the system. Click on '**ACTIVATE MIC**'



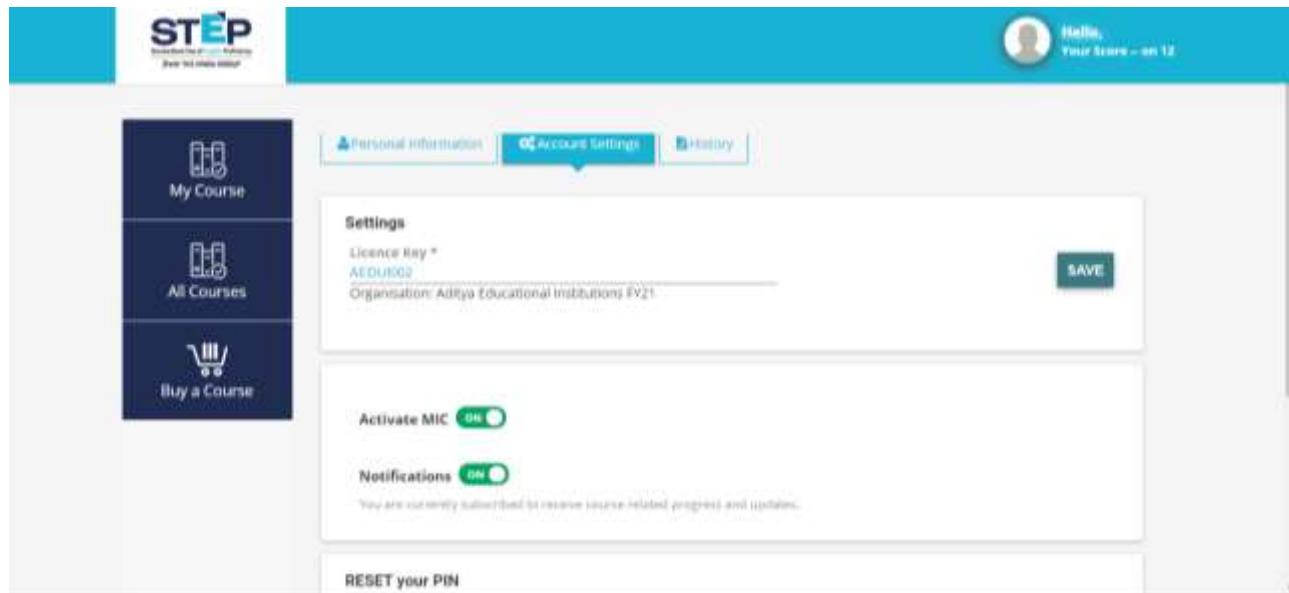
The screenshot shows the 'Account Settings' page. At the top, there are tabs for 'Personal Information', 'Account Settings' (which is highlighted with a red circle), and 'History'. Below the tabs, there's a 'Settings' section with fields for 'Licence Key' (containing 'ASCM202') and 'Organisation' (containing 'Aditya Educational Institutions FY21'). A 'SAVE' button is to the right. In the middle section, there's a 'Activate MIC' button with a red circle around it. Below that is a 'Notifications' section with a 'ON' toggle switch. At the bottom, there's a 'RESET your PIN' link.

STEP 5: Click on the mic icon and follow the instructions that you hear to complete the headphone and mic test.



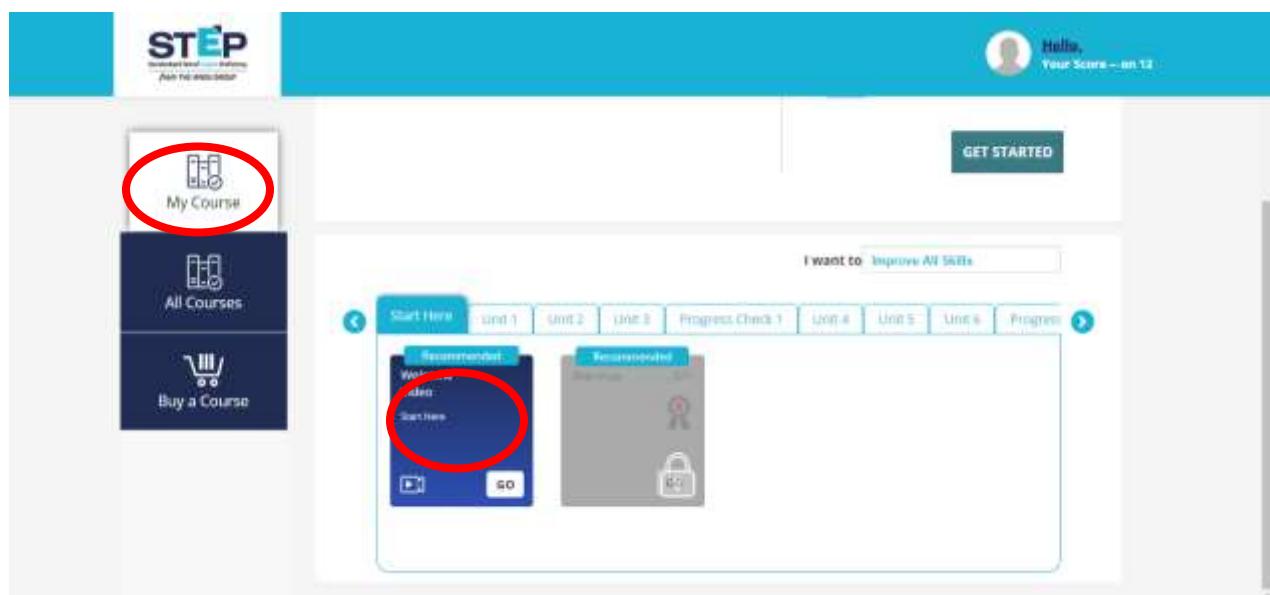
The screenshot shows a modal window prompting for a microphone test. The text inside the modal reads: 'This activity requires a microphone; you will need headphones or speaker.' Below this is a large microphone icon with a red circle around it. Underneath the icon is the text 'Click to begin'. At the bottom of the modal, there is a note: 'Note: You will need headphones or speakers to hear the instructions.'

You will not be able to proceed unless this step is completed. Once your mic is activated the symbol turns green.



The screenshot shows the 'Account Settings' tab selected in the top navigation bar. On the left sidebar, there are three options: 'My Course', 'All Courses', and 'Buy a Course'. In the main content area, under 'Settings', there is a field for 'Licence Key' with 'AEDU1002' entered. Below it, 'Organisation' is listed as 'Aditya Educational Institutions JV21'. A large green 'SAVE' button is visible. At the bottom, there are 'Activate MIC' and 'Notifications' toggle switches, both of which are currently set to 'ON'. A note below the notifications says, 'You are currently subscribed to receive course-related progress and updates.' A 'RESET your PIN' link is at the very bottom.

STEP 6: Click on **My Course** and then click on the welcome video. Warm up test to be taken after completing welcome video.



The screenshot shows the 'My Course' section. On the left sidebar, 'My Course' is highlighted with a red circle. The main area displays a grid of course cards. The first card in the grid is circled in red and has a 'Start Here' button at the bottom. Other cards show progress levels like '100%' and '0%'. A 'GET STARTED' button is located in the top right corner of the main content area.

Troubleshooting steps:

For Desktop/Laptop users, testing via web browsers:

Headphones and mic compatibility:

- Make sure to use headsets with microphones for testing

Do not use the mobile headphones with desktop or laptops as these may not work as expected. If suitable headphones are not used, the speech questions will not appear and you will not get a score for speaking.

To check if your microphone has been set up correctly you can try the following:

- Open Google Chrome and go to www.google.com
- Click on the microphone icon in the text box to enable 'Search by voice'. Try speaking into the microphone and see if the browser is able to recognize the recording from the microphone.

Audio not recording:

If there is any kind of error while recording speech, please perform the following checks:

- The headphones and mic is connected properly to the device and is compatible
- Has the right drivers been installed and is turned on
- The settings are checked in the control panel of the laptop/desktop
- Click on 'Allow', when the browser asks to make use of the microphone
- The volume level is appropriate
- Click on the **Record** button and speak loud and clear into the mic. Once finished recording, click in the **Stop** button. Click on **Play** button to check your recording and rerecord if it is not clear.

Video not loading:

- If the video or questions don't load, click on the link given below the video
- Keep refreshing the page
- Check the internet connection and if the speed is 1Mbps .

Sample Certificate



VMware

Businesses use virtualization to build large clouds to serve millions of people. Virtualization can be a powerful tool for anyone from public clouds to personal computers. You can use virtualization to run multiple operating systems on a single computer or backup your computer as a virtual machine. VMware IT Academy helps learners study cloud and virtualization.

Learning available from Vmware IT Academy

S. No.	Courses	Duration
1	Software-Defined Storage Concepts	9 hours
2	Network Virtualization Concepts	9 hours

Total Learning Duration: 18 hours

Instructions to initiate learning on VMware

Steps to register

- Use a Computer with a web-browser with good internet connection and follow the below steps
- Open web-browser and visit the following website: <https://ndg.tech/ICT>
- Brief about **NDG: Net Dev Group** is VMware IT Academy partner hosts VMware IT academy online courses.
- <https://ndg.tech/ICT> the link gives a view towards the offering of courses from VMware IT academy on NDG.
- Use the following link to start the registration in NDG: <https://ndg.tech/ICT>
 - Registration involves creating account in NDG website:

The screenshot shows a registration form titled "Not currently logged in". It includes fields for "Full Name", "Email Address", and "Password". Below these fields is a note about the Privacy Policy. A "Register" button is at the bottom left, and an "Email verification" button is at the bottom right. The "Email verification" button is highlighted in green, indicating it is the next step.

- Enter the required details:
 - Full Name
 - Email Address
 - Password
- Login to your email account and look for the verification e-mail sent by NDG and click on verify to complete the registration.

Choose the course listed below

Steps to take the course 1/3

- Use the following link to go to home page of the course: <https://ndg.tech/ICT>

Learn VMware

Businesses use virtualization to build large clouds to serve millions of people but virtualization isn't just for sysadmins. Virtualization can be a powerful tool for anyone from public clouds to personal computers. You can use virtualization to run multiple operating systems on a single computer or backup your computer as a virtual machine. NDG has partnered with the VMware IT Academy to help learners study cloud and virtualization.

Launch our free [Cloud and Virtualization Concepts micro-course](#), Launch our free [Software-Defined Storage Concepts micro-course](#), Launch our free [Network Virtualization Concepts micro-course](#), or find a [VMware IT Academy near you](#) to continue learning.

CLOUD AND VIRTUALIZATION CONCEPTS

SOFTWARE-DEFINED STORAGE CONCEPTS

NETWORK VIRTUALIZATION CONCEPTS

- Click on Cloud and Virtualization Concepts
- Click on “Enroll” and then click on “Launch Content”
- Use the credentials to login – email address and password
- Once logged-in you will see the following window:

Steps to take the course 2/3

Course is divide into two categories

- Content -> First part of the course where all the theoretical part covered through videos and text
- Labs -> All the hands-on lab exercises related to the course are organized

Under “Content” you have “Cloud and Virtualization Concepts” click on that which will take to complete course which has all the theoretical modules

Cloud and Virtualization Concepts Self Paced Micro-course

The screenshot shows the course interface for "Cloud and Virtualization Concepts". On the left, there's a navigation sidebar with "Content" and "Objectives" tabs. Under "Content", a table of contents lists sections from 1.1 to 4.4. The main area displays a slide titled "Welcome!" featuring the VMware IT ACADEMY NDG logo. The slide content discusses the basics of virtualization, its history, and its role in cloud computing. It also mentions VMware's role in the industry and career opportunities. On the right, a video player window is open, showing the first video titled "1 Cloud and Virtualization Concepts". The video player includes controls for "Watch later" and "Share". Below the video, the NDG logo is displayed again, followed by the title "Cloud and Virtualization Concepts".

- Take the course Module by Module. Whenever course prompts you to do complete the lab switch to labs and complete the required Lab module and come back to the Content and finish.

Steps to take the course 3/3

Under “**Labs**” you have all the hands-on lab exercises of the course

- Take the course Module by Module. Whenever course prompts you to do complete the lab switch to labs and complete the required Lab module and come back to the Content and finish.
- After finishing all the content and labs in module 7 you can submit request to generate the digital badge
- Enter your
 - First Name
 - Last Name
 - Email IDClick Submit
- Once you submit the request you will receive the link to get the badge to your mail.

Cloud and Virtualization Concepts



First Name	<input type="text" value="ABCD"/>
Last Name	<input type="text" value="XYZ"/>
Email	<input type="text" value="ABC@XYZ.COM"/>
<input type="button" value="Submit"/>	

Generating digital badge is mandatory for the completion of the course

This completes the “Cloud & Virtualization Concepts” Course

Sample Badge

