



# VIRTUAL INTERNSHIP PROGRAM - 2022

An initiative to help Young Minds of India build their Careers in  
Salesforce Ecosystem

Salesforce Developer Catalyst - Handbook

## **Table of Content**

<b>Table of Content</b>	1
Suggested Prerequisites	2
<b>Bootcamp</b>	3
<b>Week-1</b>	3
Day – 1 : Live Session Content – Salesforce Org	3
Day – 2, 3 : Self-Paced Learning	3
Day – 4 : Live Session Content – Relationships & Process Automation	4
Day – 5, 6, 7 : Self-Paced Learning	4
<b>Week-2</b>	5
Day – 8 : Live Session Content – Types of Flows & Security	6
Day – 9, 10 : Self-Paced Learning	6
Day – 11 : Live Session Content – Apex & Testing, Debugging	7
Day – 12, 13, 14 : Self-Paced Learning	7
<b>Week-3</b>	8
Day – 15 : Live Session Content – Lightning Web Components (LWC)	8
Day – 16, 17 : Self-Paced Learning	8
Day – 18 : Live Session Content : Lightning Web Components (LWC & API)	8
Day – 19, 20 : Self-Paced Learning	9
<b>Project / SuperBadges</b>	9
<b>Ask A Mentor Sessions</b>	10
<b>Submissions</b>	10
<b>Soft Skills Training</b>	10
<b>Verification</b>	10
<b>Certificate Generation</b>	10
<b>Career Fair</b>	10
<b>FAQs</b>	11

## Introduction

Salesforce is the world's #1 **CRM** (Customer Relationship Management) where it unites Marketing, Sales, Commerce, IT etc teams to their customers to deliver a better service.

We are determined to teach this emerging Technology in a very realistic and fun way. We have organized the challenges in such a way that the learner will be able to learn salesforce in a very enthusiastic and fun way with a limited time participation.

This program consists of live sessions, Hands-on practical activities, Mentoring support and working on super badges on Trailhead platform.

In order to help all beginners understand the salesforce ecosystem and its products, we have curated a few best modules on the trailhead platform that will help you to get ready for the Bootcamp.

## Suggested Prerequisites

This section is to provide the candidates a quick look at the salesforce environment. Though this section is not mandatory, we highly recommend the candidates to go through the below mentioned modules. You will be very well acquainted with the platform and also with the usage of Trailhead from the very beginning. (Recommended for beginners).

- Salesforce user basics  
[https://trailhead.salesforce.com/content/learn/modules/lex\\_salesforce\\_basics?trailmix\\_creator\\_id=vmehta12&trailmix\\_slug=what-is-salesforce](https://trailhead.salesforce.com/content/learn/modules/lex_salesforce_basics?trailmix_creator_id=vmehta12&trailmix_slug=what-is-salesforce)
- Salesforce quick look  
<https://trailhead.salesforce.com/modules?sort=QUICKEST&levels=beginner&products=general&products=lightningex&products=appcloud&roles=admin>
- Salesforce CRM  
[https://trailhead.salesforce.com/content/learn/modules/lex\\_implementation\\_basics?trailmix\\_creator\\_id=vmehta12&trailmix\\_slug=what-is-salesforce](https://trailhead.salesforce.com/content/learn/modules/lex_implementation_basics?trailmix_creator_id=vmehta12&trailmix_slug=what-is-salesforce)
- Salesforce Platform For Business Users  
[https://trailhead.salesforce.com/content/learn/modules/salesforce-platform-quick-look?trailmix\\_creator\\_id=ddowd&trailmix\\_slug=home-serve-trail-mix-what-is-salesforce](https://trailhead.salesforce.com/content/learn/modules/salesforce-platform-quick-look?trailmix_creator_id=ddowd&trailmix_slug=home-serve-trail-mix-what-is-salesforce)
- Salesforce User Tour  
[https://trailhead.salesforce.com/content/learn/modules/lex\\_salesforce\\_tour?trailmix\\_creator\\_id=jgeddes&trailmix\\_slug=what-is-salesforce](https://trailhead.salesforce.com/content/learn/modules/lex_salesforce_tour?trailmix_creator_id=jgeddes&trailmix_slug=what-is-salesforce)
- Salesforce Licensing  
[https://trailhead.salesforce.com/content/learn/modules/salesforce-licensing?trailmix\\_creator\\_id=jgeddes&trailmix\\_slug=what-is-salesforce](https://trailhead.salesforce.com/content/learn/modules/salesforce-licensing?trailmix_creator_id=jgeddes&trailmix_slug=what-is-salesforce)
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- Lightning Experience Basics  
[https://trailhead.salesforce.com/content/learn/modules/lex\\_migration\\_introduction?trailmix\\_creator\\_id=jgeddes&trailmix\\_slug=what-is-salesforce](https://trailhead.salesforce.com/content/learn/modules/lex_migration_introduction?trailmix_creator_id=jgeddes&trailmix_slug=what-is-salesforce)
- Salesforce Customer 360: Quick Look  
[https://trailhead.salesforce.com/en/content/learn/modules/salesforce-customer-360-quick-look?trail\\_id=salesforce\\_advantage](https://trailhead.salesforce.com/en/content/learn/modules/salesforce-customer-360-quick-look?trail_id=salesforce_advantage)
- The fourth Industrial Revolution: Quick look  
[https://trailhead.salesforce.com/en/content/learn/modules/the-fourth-industrial-revolution-quick-look?trail\\_id=salesforce\\_advantage](https://trailhead.salesforce.com/en/content/learn/modules/the-fourth-industrial-revolution-quick-look?trail_id=salesforce_advantage)
- Salesforce Developer career Path <https://trailhead.salesforce.com/en/career-path/developer/>
- Trailhead and Trailblazer Community  
[https://trailhead.salesforce.com/en/content/learn/trails/learn\\_salesforce\\_with\\_trailhead?trailmix\\_creator\\_id=strailhead&trailmix\\_slug=get-started-with-trailhead-end-user](https://trailhead.salesforce.com/en/content/learn/trails/learn_salesforce_with_trailhead?trailmix_creator_id=strailhead&trailmix_slug=get-started-with-trailhead-end-user)

**Note:-** The below link refers to the Salesforce Developer Catalyst trailmix  
"https://trailhead.salesforce.com/en/users/trailblazerconnect/trailmixes/salesforce-developer-catalyst"

## Bootcamp

Bootcamp will be organized for 3 weeks where 2 Live Sessions will be conducted per week with 3 Hours per session. Learners need to complete the self paced courses on Trailhead platform parallelly along with the bootcamps. The Day wise content and references to complete trailhead modules are given below.

Week-1		(2 days Live Sessions + 5 days self paced learning)													
Day – 1 : Live Session - 1 Content – Salesforce Org															
		<ul style="list-style-type: none"><li>● Introduction to Salesforce</li><li>● What is Salesforce CRM?</li><li>● Setup a free developer account in Salesforce?</li><li>● Architecture of Salesforce</li><li>● Creating a FREE Salesforce Org</li><li>● Navigating the Salesforce User Interface</li><li>● Lightning vs Classic Salesforce Interface</li><li>● Salesforce Branding and UI Customization</li><li>● Density Settings</li><li>● User Navigation Bar Customization</li><li>● Salesforce Themes and Branding</li><li>● Company Profile</li><li>● User Management</li><li>● Organizational &amp; User Setup</li></ul>													
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		<ul style="list-style-type: none"><li>● Object Relationships</li><li>● Process automation overview</li><li>● Workflow Rules &amp; Actions</li><li>● Validation Rules</li><li>● Approval Processes</li></ul>													

		<ul style="list-style-type: none"> <li>• Process Builder Overview</li> <li>• Creating a Process Builder Process</li> <li>• Process Builder Actions</li> <li>• Process Builder in Practice</li> </ul>																																	
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	Leads and Opportunities for Lightning Experience	<a href="https://trailhead.salesforce.com/content/learn/modules/leads_opportunities_lightning_experience?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/leads_opportunities_lightning_experience?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
	Quick Start Process Builder	<a href="https://trailhead.salesforce.com/content/learn/projects/quickstart-process-builder?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/projects/quickstart-process-builder?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
	Quick Start Lightning App Builder	<a href="https://trailhead.salesforce.com/content/learn/projects/quickstart-app-builder?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/projects/quickstart-app-builder?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
	Automate Business Process For Recruiting App	<a href="https://trailhead.salesforce.com/content/learn/projects/automate-business-processes-recruiting-app?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/projects/automate-business-processes-recruiting-app?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
	Build a Discount Approval Process	<a href="https://trailhead.salesforce.com/content/learn/projects/build-a-discount-approval-process?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/projects/build-a-discount-approval-process?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
<b>Week-2</b>		<b>(2 days Live Sessions + 5 days Hands-on-Practice)</b>	
<b>Day – 8 : Live Session - 3 Content – Types of Flows &amp; Security</b>			
		<ul style="list-style-type: none"><li>● Introduction To Flow Builder</li><li>● Introduction To Flows</li><li>● Types Of Flows<ul style="list-style-type: none"><li>a) Screen Flow</li><li>b) Auto launched Flow</li><li>c) Record Triggered Flow</li><li>d) Platform Event -Triggered Flow</li><li>e) Schedule-Triggered Flow</li></ul></li><li>● Salesforce Security Overview</li><li>● Organizational Security Settings</li><li>● Organizational Wide Defaults</li><li>● Record Ownership</li><li>● Role Hierarchies</li><li>● Sharing rules</li><li>● Manual Sharing</li><li>● Object Permissions and Record Access</li><li>● User Profiles &amp; Permissions</li><li>● Salesforce Security Section Questions</li></ul>	

**Day – 9, 10 : Self-Paced Learning Modules to be completed**

Practice module	Link	Duration
Salesforce Flow	<a href="https://trailhead.salesforce.com/content/learn/modules/business_process_automation?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/business_process_automation?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
Flow Builder	<a href="https://trailhead.salesforce.com/content/learn/modules/flow-builder?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/flow-builder?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
Data Security	<a href="https://trailhead.salesforce.com/content/learn/modules/data-security?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/data-security?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
Keep Data Secure In Recruiting App	<a href="https://trailhead.salesforce.com/content/learn/projects/keep-data-secure-in-a-recruiting-app?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/projects/keep-data-secure-in-a-recruiting-app?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs

**Day – 11 : Live Session - 4 Content – Apex & Testing, Debugging**

	<ul style="list-style-type: none"> <li>• What is Apex</li> <li>• Apex Data Types</li> <li>• SOQL</li> <li>• SOSL</li> <li>• Triggers</li> <li>• Testing Deployment Requirement and Testing Framework</li> <li>• Write Apex Unit Tests</li> <li>• Test Data</li> <li>• Execute Test Classes</li> <li>• Invoking Apex in Execute Anonymous vs. Unit Tests</li> <li>• Monitor and Access Debug Logs</li> </ul>
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**Day – 12, 13, 14 : Self-Paced Learning Modules to be completed**





	<table><tr><th>Practice module</th><th>Link</th><th>Duration</th></tr><tr><td>Apex Triggers</td><td><a href="https://trailhead.salesforce.com/content/learn/modules/apex_triggers?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_triggers?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a></td><td>3 Hrs</td></tr><tr><td>Apex Testing</td><td><a href="https://trailhead.salesforce.com/content/learn/modules/apex_testing?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_testing?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a></td><td>3 Hrs</td></tr><tr><td>Asynchronous Apex</td><td><a href="https://trailhead.salesforce.com/content/learn/modules/asynchronous_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/asynchronous_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a></td><td>3 Hrs</td></tr></table>	Practice module	Link	Duration	Apex Triggers	<a href="https://trailhead.salesforce.com/content/learn/modules/apex_triggers?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_triggers?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs	Apex Testing	<a href="https://trailhead.salesforce.com/content/learn/modules/apex_testing?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_testing?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs	Asynchronous Apex	<a href="https://trailhead.salesforce.com/content/learn/modules/asynchronous_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/asynchronous_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs	
Practice module	Link	Duration												
Apex Triggers	<a href="https://trailhead.salesforce.com/content/learn/modules/apex_triggers?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_triggers?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs												
Apex Testing	<a href="https://trailhead.salesforce.com/content/learn/modules/apex_testing?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_testing?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs												
Asynchronous Apex	<a href="https://trailhead.salesforce.com/content/learn/modules/asynchronous_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/asynchronous_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs												
<b>Week-3</b>														
<b>(2 days Live Sessions + 5 days Hands-on-Practice)</b>														
<b>Day – 15 : Live Session - 5 Content – Lightning Web Components (LWC)</b>														
		<ul style="list-style-type: none"><li>● VS Code and CLI Setup</li><li>● Integrating your org to vs code environment</li></ul>												
<b>Day – 16, 17 : Self-Paced Learning Modules to be completed</b>														
	<table><tr><th>Practice module</th><th>Link</th><th>Duration</th></tr><tr><td>VS Code Setup</td><td><a href="https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics">https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics</a></td><td>3 Hrs</td></tr><tr><td>CLI Setup</td><td><a href="https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics">https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics</a></td><td>3 Hrs</td></tr></table>	Practice module	Link	Duration	VS Code Setup	<a href="https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics">https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics</a>	3 Hrs	CLI Setup	<a href="https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics">https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics</a>	3 Hrs				
Practice module	Link	Duration												
VS Code Setup	<a href="https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics">https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics</a>	3 Hrs												
CLI Setup	<a href="https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics">https://trailhead.salesforce.com/en/content/learn/modules/lightning-web-components-basics</a>	3 Hrs												
<b>Day – 18 : Live Session - 6 Content : Lightning Web Components (LWC &amp; API)</b>														
		<ul style="list-style-type: none"><li>● Basics Of LWC</li><li>● Visualforce</li><li>● Use Lightning Components in Lightning Experience</li><li>● REST API</li><li>● SOAP API</li></ul>												
<b>Day – 19, 20 : Self-Paced Learning Modules to be Completed</b>														

Practice module	Link	Duration
API Basics	<a href="https://trailhead.salesforce.com/content/learn/modules/pw-api-basics?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/pw-api-basics?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
Event Monitoring	<a href="https://trailhead.salesforce.com/content/learn/modules/event_monitoring?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/event_monitoring?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
Shield Platform Encryption	<a href="https://trailhead.salesforce.com/content/learn/modules/sp-e_admins?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/sp-e_admins?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs
Apex Integration Services	<a href="https://trailhead.salesforce.com/content/learn/modules/apex_integration_services?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/modules/apex_integration_services?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>	3 Hrs

### Project / SuperBadges

The learner's journey is structured in such a way that , after completion of the live sessions and all trailhead courses modules, the SuperBadges are unlocked automatically. The Learner who chooses developer as his/her learning path, needs to complete the following SuperBadges.

Logo	SuperBrade Name	Link
	Apex Specialist	<a href="https://trailhead.salesforce.com/content/learn/superbadges/superbadge_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/superbadges/superbadge_apex?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>
	Process Automation Specialist	<a href="https://trailhead.salesforce.com/content/learn/superbadges/superbadge_process_automation?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst">https://trailhead.salesforce.com/content/learn/superbadges/superbadge_process_automation?trailmix_creator_id=trailblazerconnect&amp;trailmix_slug=salesforce-developer-catalyst</a>

The learner will be given 20-25 days of time for completion of the above SuperBadges.

### **Ask a Mentor Sessions**

After assigning the projects/Superbadges for the learners, if they face any challenge in completion of the activities or modules, we organize expert mentoring sessions to address the queries learners have. 2 mentoring sessions will be organized per week.

### **Submissions**

Each learner's journey and completion status is tracked through SmartInternz platform. learners will be asked to update the status of their work regularly to track their progress and assist accordingly.

### **Verification**

We will verify the progress of each learner on the SmartInternz platform. It is mandatory for all the learners to complete the above prescribed course modules and super badges to fulfill.

### **Soft Skills Training**

After the successful submission of the project/super badge, the Learners will be provided with 10 Hrs of soft skills training sessions to help learners with Interview skills, Profile building and presentation skills etc. This will benefit them during career fairs.

### **Verification**

Here the team will verify the projects/superbadges, which have been assigned for the Learners. This process will take approximately 10-12 days.

### **Certificate Generation**

After successful verification of your project/superbadges by our team, the team will generate the event participation certificate.

### **Career Fair**

After successful completion of the program, the final year learners who will qualify the career fair will be allowed to join the career fair organized on the regular intervals for career connection opportunities.

## FAQs

1. Do we need any prior coding knowledge?

A. For admin, the Learners don't need any coding knowledge but for development, the Learner should have the basic java programming skills.

2. How could this course help us?

A. This course helps in gaining knowledge about salesforce from scratch and the final year Learners enrolled in this course have an opportunity to participate in a career fair.

3. What is a career fair?

A. career fair is a type of informational or recruitment/outreach event that connects recruiters and candidates in a virtual space. Attendees can learn about various organizations or sponsors and career opportunities from the comfort of their own home, with all of the ease afforded by a virtual platform.

4. What is the Course duration?

A. The course duration is for 60 days.

5. What is the minimum educational qualification?

A. All the graduation Learners irrespective of their current year can participate in this event.

6. Is salesforce related to sales or marketing jobs?

A. No, salesforce is a technology driven platform.

7. What are the ways to explore salesforce?

A. The best learning resources present in the market to learn salesforce is "Trailhead".

8. Do we have access to the recorded sessions?

A. Yes, we provide the access for the recorded sessions.

9. Is it mandatory to maintain attendance?

A. The Learner needs to maintain a 75% attendance.

10. Can the Learner register in two paths(admin, development)?

A. No, the Learner needs to choose only one path for this program.