

# ADVANCED SKILL DEVELOPMENT COURSES



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## Additional Skill Acquisition Programme (ASAP)

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The Additional Skill Acquisition Programme (ASAP) is a skilling intervention, jointly implemented by the Department of General Education and the Department of Higher Education, Government of Kerala, targeted towards tackling the issue of low employability among youth in Kerala, by imparting foundation skills and industry-relevant training to select students of Government and Government-

aided schools and undergraduate colleges, which are associated Partner Institutions within the programme. From its inception in 2012, ASAP has been able to make commendable impact within the skilling eco-system in the State, both in terms of skilling the youth of the State, as well as implementing national qualification framework and establishing programme-wise quality assurance framework.

## Advanced Skill Development Centers (ASDCs)

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Realizing the gap between the skill sets required by the industry and the knowledge level of the students in Higher education institutions in the state, ASAP set up its Advanced Skill Development Centres in Engineering Colleges and Polytechnics across Kerala. The ASDCs are envisioned to equip students with futuristic and advanced skill sets required for 4.0 industrial revolution. The

training conducted through ASDCs will be in sync with industry requirements regularly updated to meet emerging market needs and will be transacted through qualified and competent professionals thereby equipping students with the skills, capabilities and competencies required to be globally competitive and tap the emerging potential opportunities.

## What we do?

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### Identifying institutions for setting up ASDCs:

The institutions where the ASDCs are set up and courses are offered are identified considering academic factors such as the results of students, interest of the institution fraternity towards new schemes, infrastructure available at the institutions, etc. A nodal officer is also appointed at each ASDC for coordinating the activities for the respective institution.

### Faculty Development Programmes:

Based in the underlying perception that the upskilling of the pupil begins with the upskilling of the teacher, ASAP conducts regular "Training of Trainers" programmes to bring to pace the faculty members with the changes in the technologies used by the industry.

### Student Mobilization:

ASAP has a strong team of over 200 Programme Managers across the state who are actively involved in student mobilization activities such as campaigning at each

institution and orientation to the students across colleges and subject streams to facilitate informed decision-making.

### Offer courses based on Industry Skill Requirements

Based on field surveys and analysis of various studies conducted we list down the courses that are currently industry-relevant. The courses and the curriculum is regularly updated to meet the emerging market needs and prepare human resources in future ready skills demanded by 4th generation industry. The courses offered at ASDCs are either developed in-house by the Curriculum division of ASAP or offered by major industries working in the skill development domain. All the courses offered at ASDCs are NSQF aligned.

### Course transaction:

The courses are offered at ASDCs using teaching aids such as videos, presentations and study material, that is available both offline as well as online, to ensure that core

ideas and concepts are delivered in the intended manner. The faculty trained through the FDP aid the students in completing the courses on time. Furthermore, innovative strategies such as focus group discussions are conducted among students at different skill levels to understand their aspirations. Feedbacks are collected from students at regular intervals to formulate training methods that suit student needs.

#### Assessment & Certification:

The assessments for the courses are conducted by the industry partners through separate assessment platforms. The students successfully completing all Modules and assessments of the course, will be jointly certified by ASAP and the respective industry partner who is the course provider for that course

## Courses to be offered in Engineering Colleges:

Course Name	Duration	Beneficiary Category	Branch	Industry Partner	Fees	Certification
Artificial Intelligence Developer	756 Hours	S5	Any	ASAP	Rs 35000/-	Exact Amount to be fixed
Life Skill Module	100 Hours	3 <sup>rd</sup> Semester	Any	ASAP	Rs3000/- Engineering Colleges	Rs 2500/- (BEC Certification)
Google Associate Cloud Engineer	48 Hours	7 <sup>th</sup> Semester	CS/IT/ECE	Google	NIL	40\$
Robotic process Automation	42 Hours	5 <sup>th</sup> Semester	Any	UiPath	NIL	150\$
Virtual Reality 201 – beginner Level	60 Hours	5 <sup>th</sup> Semester	Any	Facebook School of Innovation – sv.co	NIL (for 1st Batch)	NIL (for 1st Batch)
TCS – Industry Honor Certification	4 Semesters (Each Course 90 Hours)	5 <sup>th</sup> Semester	Any	TCS	Rs 42000/- for 4 electives	IHC will be awarded for students who successfully complete all 4 courses
Salesforce Developer	92 Hours	7 <sup>th</sup> Semester	Any	Salesforce	NIL	200 \$
Salesforce Administrator/ Business Analyst	48 Hours	3 <sup>rd</sup> Semester	Any	Salesforce	NIL	200 \$
Generative Design Beginner Level	45 Hours	3 <sup>rd</sup> Semester	Mechanical/ Civil	AUTODESK		Rs 3000 + GST
AWS Academy Cloud Foundation	20 Hours	5 <sup>th</sup> Semester	Any	AWS Academy	NIL	50\$ + GST
AWS Academy Cloud Associate	40 Hours	Students completing Cloud Foundation	Any	AWS Academy	NIL	75\$ + GST
SDPK Courses	Details will be communicated later					

## Courses to be offered in Polytechnics:

Course Name	Duration	Beneficiary Category	Branch	Industry Partner	Fees	Certification
Life Skill Module	100 Hours	1 <sup>st</sup> Semester	Any	ASAP	Rs 1500/- for Polytechnic	Rs 2500/- (BEC Certification)
Salesforce Administrator/ Business Analyst	48 Hours	3 <sup>rd</sup> Semester	Any	Salesforce	NIL	200 \$
Salesforce Developer	92 Hours	5 <sup>th</sup> Semester	Any	Salesforce	NIL	200 \$
Generative Design Beginner Level	45 Hours	3 <sup>rd</sup> Semester	Mechanical / Civil	AUTODESK	NIL	Rs 3000 + GST
AWS Academy Cloud Associate	40 Hours	Students completing Cloud Foundation	Any	AWS Academy	NIL	75\$ + GST

## SALESFORCE DEVELOPER AND SALESFORCE ADMINISTRATOR

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**ABOUT THE COURSE:** Salesforce is a customer relationship management solution that brings companies and customers together. It's an integrated CRM platform that gives all the departments including marketing, sales, commerce and service a single, shared view of every customer. The Salesforce ecosystem is growing and is expected to create 0.5 million jobs in India by 2025.

### Objective

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- The course shall provide curated content to help the students learn the Salesforce skills that employers seek to be a Salesforce Developer and Salesforce Administrator.
- The courses will be self-learning programs with guided self-learning modules.
- Salesforce uses the power of a free learning platform known as Trailhead, to teach the students everything from the fundamentals of the Salesforce platform, to the automation, security, and coding the platform provides.
- The course shall provide all aspects of salesforce, like development, administration , Apex coding and reporting etc
- Delve into the fundamentals and come out a proficient Salesforce developer
- Comprehensive coverage of all responsibilities a Salesforce developer & Administrator would be expected to fulfill.



## COURSE OUTCOMES:

After the completion of the course the student will be able to

<b>CO 1</b>	Student will be able to understand on how to kick start the Salesforce learning and Explore the security features by learning how to secure your org data and how users can work together to keep your data safe.
<b>CO 2</b>	Student will learn how to automate processes for every app, experience, and portal with declarative tools and also Code with Apex and Visualforce
<b>CO 3</b>	Students will be able to get hands-on practice with Salesforce functionalities. Gain new skills and confidence faster than you thought possible.
<b>CO 4</b>	Students will be able to learn about the customizing Salesforce and also, get hands-on on how to structure your with objects, fields, and relationships
<b>CO 5</b>	Learner will be able to discover the features of Community Cloud, Marketing Cloud and power of Einstein Analytics in Salesforce.

## COURSE DETAILS:

<b>PARTICULARS</b>	<b>SALESFORCE DEVELOPER</b>	<b>SALESFORCE ADMINISTRATOR</b>
<b>DURATION</b>	92 Hours (Prerequisites basic knowledge of Java )	48 Hours
<b>TRAINER</b>	FACULTY (MENTORSHIP- NO REMUNERATION)	
<b>MODE OF DELIVERY</b>	ONLINE WITH STUDY JAMS	
<b>BENEFICIARY</b>	S5 & S7	S3
<b>GROUP</b>		
<b>BRANCH</b>	ANY	
<b>FEE STRUCTURE</b>	NIL	
<b>CERTIFICATION FEES</b>	\$200	

## COURSE HIGHLIGHTS

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- Supplement your degree with Salesforce skills and differentiate yourself in the job market.
- Benefit from the knowledge and experience of Trailblazer Community.
- Build your skills and personal brand in the Salesforce ecosystem.
- Earn badges for completing trailmixes
- Prepare for interviews with job-readiness activities and mentorship opportunities.

## SYLLABUS FOR THE COURSE: SALESFORCE DEVELOPER

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### Step 1 | Build Your Salesforce Skills

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#### Trailmix #1 Duration 11 hrs

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Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-developertrailmix-1>

About the Module Kick-start your Salesforce learning on the right path! This trailmix will help you learn the basics of the Salesforce Platform.

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#### Trailmix #2 Duration 18 hrs 30 mins

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Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-developertrailmix-2>

About the Module Time to learn about customizing Salesforce. Also, get hands-on on how to customize your app's page layout, compact layout, and actions

**Badge** **Associated Super Badge - App Customization Specialist**

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#### Trailmix #3 Duration 12 hrs 00 mins

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Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-developertrailmix-3>

About the Module Explore the security features by learning how to secure your org data and how users can work together to keep your data safe

**Badge** [Associated Super Badge - Security Specialist](#)

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#### Trailmix #4 Duration 11 hrs 10 mins

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Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-developertrailmix-4>

About the Module Learn how to automate processes for every app, experience, and portal with declarative tools

**Badge** [Associated Super Badge - Process Automation](#)

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#### Trailmix #5 Duration 23 hrs 50 mins

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Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-developertrailmix-5>

About the Module Code with Apex and Visualforce

**Badge** [Associated Super Badge - Apex Specialist](#)

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#### Trailmix #6 Duration 14 hrs 55 mins

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Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-developertrailmix-6>

About the Module Get hands-on practice with Salesforce functionalities. Gain new skills and confidence faster than you thought possible.

**Badge** [Super Badge Credential - PD1](#)

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**Step 2** [Build your Soft Skills](#)

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## Want to sharpen your Soft Skills

Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/develop-your-soft-skills>

About the Module Improve your business communication, public speaking and storytelling skills.

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## Find your Mentorship Match

Link <https://trailhead.salesforce.com/trailblazerconnect/mentorship>

About the Module Trailblazer Mentorship gives mentees the opportunity to connect to mentors from the industry on career development, get resumes reviewed, and learn of job opportunities. Trailblazer Mentorship is a core part of Trailblazer Connect and supported by our amazing Trailblazer Community members.

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## Step 3 Join a Career Event

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### Find what Events are coming Next

Link <https://trailhead.salesforce.com/calendar?programs=trailhead>

## SYLLABUS FOR THE COURSE: SALESFORCE ADMINISTRATOR

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### Step 1 Build Your Salesforce Skills

Trailmix #1 Duration 3 hours 45 mins

Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-1>

About the Module Kick-start your Salesforce learning journey with Trailheads! This trailmix will help you learn the basics of the Salesforce Platform.

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**Trailmix #2 Duration 3 hours 45 mins**

Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-2>

About the Module Time to learn about the customizing Salesforce. Also, get hands-on on how to structure your with objects, fields, and relationships.

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**Trailmix #3 Duration 11 hours 45 mins**

Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-3>

About the Module Explore the security features by learning how to secure your org data and how users can work together to keep your data safe.

**Badge** **Associated Super Badge - Security Specialist**

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**Trailmix #4 Duration 6 hrs 15 mins**

Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-4>

About the Module Learn about the power of Sales Cloud and Service Cloud in Salesforce. Also, get hands-on on setting up service cloud for your business.

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**Trailmix #5 Duration 11 hrs 45 mins**

Link <https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-5>

About the Module Explore Reports and Dashboards which visualize key business metrics in real-time and create eye catching Dashboard to display your key business information

**Badge** **Associated Super Badge - Lightning Experience Reports & Dashboards Specialist**

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**Trailmix #6 Duration 9 hrs 50 mins**

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Link	<a href="https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-6">https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/become-job-ready-for-admin-trailmix-6</a>
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About the Module	Discover the features of Community Cloud, Marketing Cloud and power of Einstein Analytics in Salesforce.
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<b>Badge</b>	<b>Associated Super Badge - Business Administration Specialist</b>
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<b>Step 2</b>	<b>Build your Soft Skills</b>
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### Want to sharpen your Soft Skills

Link	<a href="https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/develop-your-soft-skills">https://trailhead.salesforce.com/users/trailblazerconnect/trailmixes/develop-your-soft-skills</a>
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About the Module	Improve your business communication, public speaking and storytelling skills.
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### Find your Mentorship Match

Link	<a href="https://trailhead.salesforce.com/trailblazerconnect/mentorship">https://trailhead.salesforce.com/trailblazerconnect/mentorship</a>
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About the Module	Trailblazer Mentorship gives mentees the opportunity to connect to mentors from the industry on career development, get resumes reviewed, and learn of job opportunities. Trailblazer Mentorship is a core part of Trailblazer Connect and supported by our amazing Trailblazer Community members.
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<b>Step 3</b>	<b>Join a Career Event</b>
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### Find what Events are coming Next

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So get ready to blaze some trails...