संगणक शास्त्र प्रशाळा, कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठातर्फे आयोजित प्रमाणपत्र अभ्यासक्रमात सहभागी होणेबाबत...

कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ परिक्षेत्रातील सर्व इच्छुक विद्यार्थी / व्यक्ती यांच्यासाठी **जानेवारी व फेब्रुवारी** या कालावधीत कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, संगणक शास्त्र प्रशाळा येथे खालील प्रमाणपत्र अभ्यासक्रमांचे आयोजन करण्यात येणार आहे.

१) Cyber security certificate course: शनिवार, रविवार (चार आठवडे)

अभ्यासक्रमाचा एकूण कालावधी : आठ दिवस (४५ तास) शुल्क: रु. ६९००/-(४९९९/- :अभ्यासक्रम शुल्क +१०००/-:सुविधा शुल्क+१८% GST) मात्र

२) Digital Ethical Hacking certificate course:शनिवार, रविवार(चार आठवडे)

अभ्यासक्रमाचा एकूण कालावधी : आठ दिवस (४५ तास) शुल्क: रु.८०६८/-(५९९०/- :अभ्यासक्रम शुल्क +१०००/-: सुविधा शुल्क+१८% GST) मात्र

३) Salesforce (Admin+ Platform Developer1) course: दररोज दोन तास

अभ्यासक्रमाचा एकूण कालावधी : ३.५ महिने शुल्क: रु.३१०००/-(३००००:अभ्यासक्रम शुल्क (including GST)+१०००: सुविधा शुल्क) मात्र

संगणक जगतामध्ये अतिशय आवश्यक असे हे अभ्यासक्रम असून IT Industry साठी लागणारी कौशल्य वृद्धिंगत होण्यासाठी हे अभ्यासक्रम उपयुक्त आहे. या अभ्यासक्रमामुळे आपल्याला विविध क्षेत्रात करिअर संधी उपलब्ध होऊ शकतील.

सर्व अभ्यासक्रमाबद्दल सविस्तर माहिती खाली दिलेली आहे.

विशेष सूचना:
१) पूर्वी नोंदणी केलेल्यांनाही परत नोंदणी करणे आवश्यक आहे.
२) online नोंदणी झाल्यावर कोर्स फीज Skill Factory Pvt. Ltd. यांच्या account मध्ये जमा होत नाही तोवर नोंदणी नक्की झाली असे समजले जाणार नाही.
३) सर्व अभ्यासक्रमांना मर्यादित जागा असून शुल्कासहित प्रथम नोंदणी करणाऱ्यांना प्रथम प्राधान्य असेल.

सर्व इच्छुक विद्यार्थी/व्यक्तींनी अधिक माहितीसाठी संपर्क करावा.
संगणक शास्त्र प्रशाळा,
क. ब. चौ. उत्तर महाराष्ट्र विद्यापीठ, जळगाव. (०२५७-२२५७४५३)
प्रा. कविता तु. पाटील (संपर्क क्र. ९९७०९१३७८९) इमेल: meetpatilkavita@gmail.com

श्रीमती प्रियंका जेरुरकर (Salesforce कोर्सच्या अधिक माहितीसाठी संपर्क)

७३८५०१५८१९

श्री. अमोल बागल (Cyber security and Digital Ethical Hacking कोर्सच्या अधिक माहितीसाठी संपर्क)

८००७०२४७११

सर्व इच्छुक व्यक्तींनी खाली दिलेल्या लिंक वर नाव नोंदणी करावी.

लिंक: : https://forms.gle/J6VojQzi1j4bCY4p7

नोंदणीची अंतिम तारीख–   ३१/१२/२०२२ पर्यंत.

सूचना: कोर्स online मोडमध्ये घेण्यात येईल

Cyber Security Certificate कोर्ससाठी विशेष सूचना

हा कोर्स सुरू होण्याआधी आपल्याला पुढील प्रोसेस पूर्ण करणे आवश्यक आहे.

१) आपल्याला FutureSkills Prime येथे Sign Up करावे लागेल
(https://www.youtube.com/watch?v=3dtwsfqPHBA)

२) FutureSkills Prime वर Sign Up साठी व कोर्स नोंदणी साठी सेम E-Mail ID वापरावा.
(https://forms.gle/J6VojQzi1j4bCY4p7)

या कोर्ससाठी सहभागी विद्यार्थ्याला विद्यापीठ व Skills factory Pvt. Ltd. Pune यांचे एकत्रित certificate मिळेल. तसेच NASSCOM, FutureSkills Prime ची वेगळी परीक्षा देऊन या परीक्षेत किमान ५०% गुण मिळणे आवश्यक आहे.   Government च्या incentive scheme चा लाभ घेण्यासाठी सहभागीला किमान ५०% गुण+कुठेतरी internship करत असल्याचा पुरावा/नोकरी करत असल्याचा पुरावा/ यापूर्वी कुठेतरी नोकरी करत असल्याचा पुरावा जोडणे आवश्यक आहे. जर सहभागी पात्र असेल तर त्याला cyber security कोर्सच्या मुलभूत शुल्कातून (४९९९) पैकी ५०% रक्कम government कडून परत देण्यात येईल.

GOI incentive scheme: https://futureskillsprime.in/govt-of-India-incentives

CERTIFICATE IN
CYBER SECURITY

Accredited by NASSCOM, approved by the Government of India

The course Certificate in Cyber Security has been introduced for the benefit of students of all disciplines. The course is skill-development based and is a measure of this Institution's avowed aim of creating for the first time in India of a pool of Cyber Security Experts for which there is a huge demand in India because of a huge skill gap. The attempt of ours in this direction is in keeping with our motto to impart relevant quality higher education to students and groom them to be conscious professionals, technologists, subject matter experts, researchers and citizens, using their knowledge for skilling, re-skilling, up-skilling, career advancement and professional progress. For this, Ministry of Electronics and Information Technology (MeitY) through the FutureSkills Prime Programme (implemented by Nasscom) has designated Skills Factory Learning Pvt. Ltd. to design, develop and teach the course Certificate in Cyber Security.
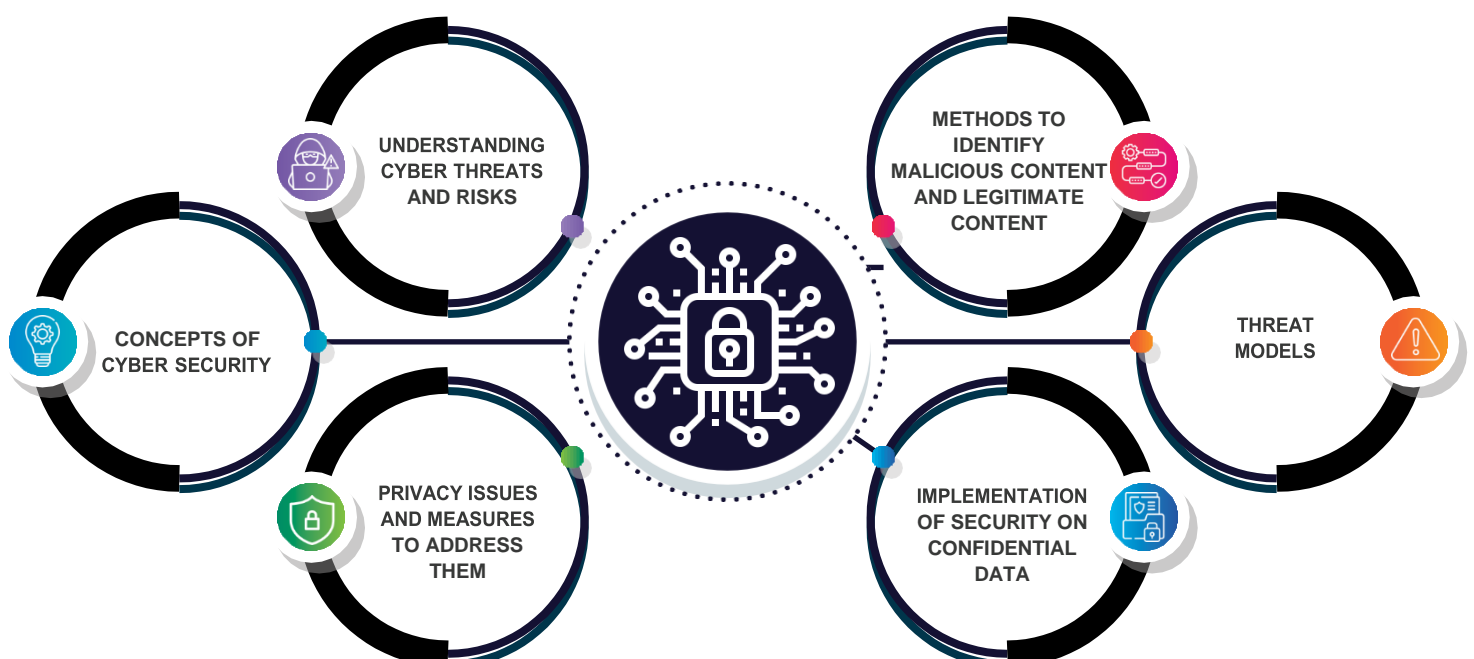
COURSE OBJECTIVE

In the fast pace at which the world is moving towards digitization, knowledge of cyber security is imperative if one has to protect one's digital assets by securing oneself against cyber-crimes and frauds. The objective of this course is to make each and every individual security conscious and capable of protecting his/her digital assets as well as guide and mentor others in Cyber Security. To this end, the course addresses the immediate and future needs of expert knowledge of cyber security in the working, professional and career enhancing environment. The teaching is offered by multiple modes – online, offline, distance learning, blended learning, remote classroom etc.

TOPIC

1 FUNDAMENTALS OF CYBER SECURITY	**2** FUNDAMENTALS OF NETWORKING	**3** BASICS OF SECURITY TESTING
4 FUNDAMENTALS OF ACCESS MANAGEMENT	**5** FUNDAMENTALS OF INCIDENT MANAGEMENT AND RESPONSE	**6** FUNDAMENTALS OF SECURITY OPERATIONS

KEY AREAS OF CERTIFICATE IN CYBER SECURITY

UNDERSTANDING CYBER THREATS AND RISKS

METHODS TO IDENTIFY MALICIOUS CONTENT AND LEGITIMATE CONTENT

CONCEPTS OF CYBER SECURITY

THREAT MODELS

PRIVACY ISSUES AND MEASURES TO ADDRESS THEM

IMPLEMENTATION OF SECURITY ON CONFIDENTIAL DATA

COURSE CHARACTERISTICS

- ✓ Designed for any stream (tech and non-tech)
- ✓ Suitable for students, job seekers and working professionals
- ✓ Approved by GOI
- ✓ Content curated by domain experts
- ✓ 40+ Hrs. of learning (30% theory and 70% practical)
- ✓ Excellent course books and study material
- ✓ Multiple learning modes – blended, online recorded lectures, offline, trainer-led

ELIGIBILITY

(Eligibility: Anyone with 10 + 2 from any stream)

Longest running CS course; evolved with the changing CS landscape.

Course pioneered hybrid pedagogy and practicals –based learning.

More than 39000 students benefited from the course.

COURSES HIGHLIGHT

Certificate by Skills Factory on course completion

Co-branded certificate by FutureSkills Prime and SkillsFactory (Post-FutureSkills assessment and subject to conditions)

Skills Factory learners eligible for Government of India incentive scheme (conditions apply)

GOVERNMENT OF INDIA (GOI) INCENTIVE SCHEME*

* The course is covered under Government of India Incentive scheme and learners can apply for it after clearing mandatory FutureSkills assessment.

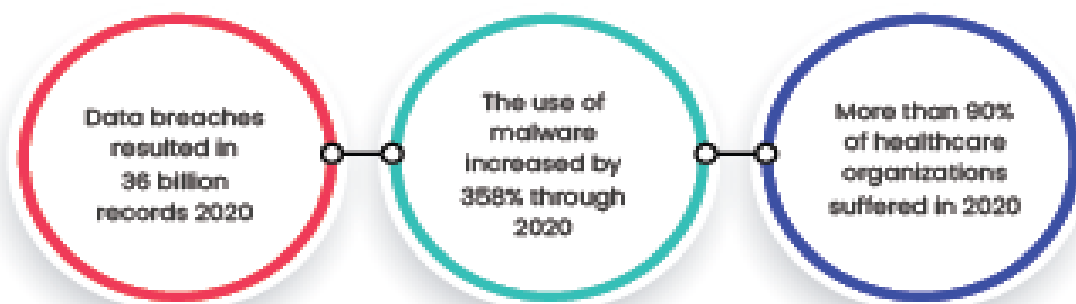## GOI INCENTIVE SCHEME – ELIGIBILITY

- ✓ All disciplines: Non-technical and technical background students.
- ✓ IT employees in IT & Non-IT firms
- ✓ Non-IT employees looking to explore emerging technologies
- ✓ Central and State government employees
- ✓ Officials of PSUs and autonomous bodies
- ✓ Employees without dated job roles or those who are currently unemployed.
- ✓ Fresh recruits, interns and apprentices

TOOLS YOU WILL LEARN IN THIS COURSE:

- Metasploit
- Nmap
- Nessus
- Netcat

- Pwncat
- Wpscan
- OWASP-ZAP
- Burp Suite

- GitTools
- Kali Linux
- Kerbrute
- CrackMapExec

- Impacket
- SIEM
- OPenSense

WHY ARE THERE HUGE CAREER OPPORTUNITIES IN THE FIELD OF CYBER SECURITY?

The Size of Cyber Crime Activity

Data breaches resulted in 36 billion records 2020

The use of malware increased by 358% through 2020

More than 90% of healthcare organizations suffered in 2020

The Size of Cyber Crime Activity

Cyber crime costs organizations $ 2.9 million every minute

According to research by IBM the average attack costs $3.86 million.

The global cyber security market will be valued at $ 403 billion by 2027

Cyber Risks

- According to Cisco data DDoS Attacks will grow to 15.4 million by 2023
- More than four-fifths of data breaches in 2020 (86%) were financially motivated
- 70% of breaches were caused by outsiders 45% involved hacking
- 86% were financially motivated,
- 17% involved some form of malware
- 22% featured phishing or social engineering.

Fees : 4999+ GST

Skills Factory Learning Pvt. Ltd.

Venkateshwara House, 1st Floor, Office # 3, Opp. Kalinga Hotel, Near Sharada Centre, Off Karve Road, Pune 411004 (India)

919529145876 / 9021097004 / 8007024711

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CERTIFICATE IN
Digital Ethical Hacking (CDEH)

Course aligned with AICTE-NEAT under Ministry of Education

Skills Factory Learning is the Knowledge Partner of National Educational Alliance for Technology (NEAT), Ministry of Education for imparting teaching, training and assessing of the Course Certificate in Digital Ethical Hacking.

INTRODUCTION

Ethical Hacking is a highly valued and respected profession in the domain of Cyber Security. A good Ethical Hacker or a Security Professional who conducts Ethical Hacking understands how a computer system works, knows what tools to employ in order to identify security weakness and what techniques are employed to gather unauthorised data that can be used to harm the system.
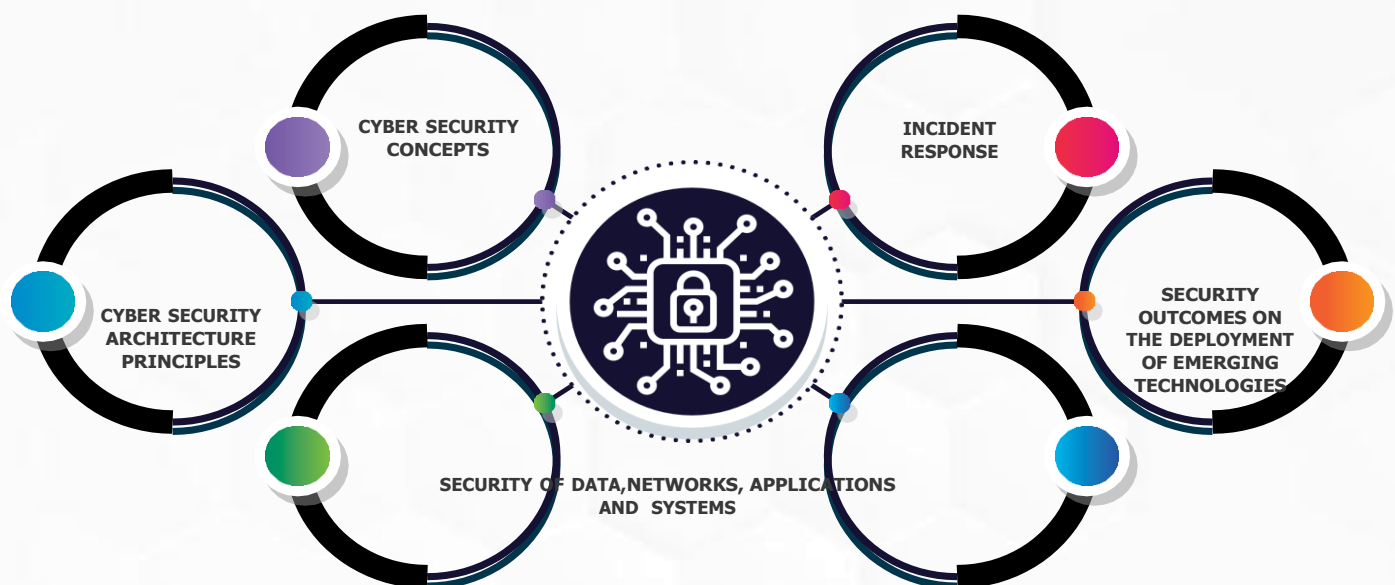
COURSE OBJECTIVE

This course is about gaining knowledge of how an Ethical Hacker can uncover various aspects of potential attacks on the Computer System. The Ethical Hacker can thus contribute towards safety and security of systems and be a productive asset to all those who employ Information Technology as the mainstay of their functioning.

Course Highlights

1	TYPES OF ATTACKS	2	DETECTION OF VULNERABILITIES	3	HANDS ON HACKING, REAL TO LIVE SIMULATED LABS
4	RECONNAISSANCE	5	GAINING ACCESS	6	ENUMERATION
7	MAINTAINING ACCESS	8	COVERING YOUR TRACKS - TOOLS AND TECHNIQUES	9	SECURING THE DIGITAL FRONTIER
10	PREPARING TO CONFRONT THE ONSLAUGHT OF NEW CYBER-ATTACKS				

KEY AREAS OF C-DEH

CYBER SECURITY CONCEPTS

INCIDENT RESPONSE

CYBER SECURITY ARCHITECTURE PRINCIPLES

SECURITY OUTCOMES ON THE DEPLOYMENT OF EMERGING TECHNOLOGIES

SECURITY OF DATA,NETWORKS, APPLICATIONS AND SYSTEMS

COURSE IDEALLY SUITED FOR

- ✅ Students wanting to join IT sector
- ✅ Professionals working on critical projects in IT/Non-IT sectors
- ✅ Individuals interested in pursuing careers in digital security
- ✅ Security professionals keen on upgrading their skills

TOPICS

1. IT-ITES/BPM Industry – An Introduction
2. IT Services – An Introduction
3. Introduction to Hacking
4. Information Gathering/ Vulnerability Scanning
5. Malwares
6. System Hacking
7. Sniffing
8. Website and Web Server Hacking
9. SQL Injection and Cross-site Scripting
10. Buffer Overflow
11. Multi-Platform (cross-platform)

12. System Hacking and Wireless Hacking
13. Mobile Pen-testing
14. Network DoS and DDoS
15. Cryptography
16. Penetration Testing IDS/IPS and Firewall
17. Report-preparation based on test results
18. Enhancements to existing security solutions
19. Managing work to meet requirements
20. Working effectively with colleagues
21. Maintaining a healthy, safe and secure working environment

TOOLS YOU WILL LEARN

- ✅ OSINT
- ✅ Nmap
- ✅ Nessus
- ✅ AIPS

- ✅ Maltego
- ✅ MAsscan
- ✅ OpenVAS
- ✅ NExpose

- ✅ MSF
- ✅ VirusTotal
- ✅ Hybrid Analysis
- ✅ Metasploit

- ✅ Ettercap
- ✅ BurpSuite
- ✅ Accunetix
- ✅ OWASP-ZAP

- ✅ W3AF
- ✅ MobSF
- ✅ LOIC
- ✅ VeraCrypt

Ethical Hacker

Information Security Expert

Cyber-Security Expert

A FEW CAREERS OPEN TO YOU

Security Evangelist

Information Security Analyst

...and many others

COURSE ALIGNMENT

The Course aligned with AICTE-NEAT under Ministry of Education. Skills Factory Learning is the Knowledge Partner of National Educational Alliance for Technology (NEAT), Ministry of Education for imparting teaching, training and assessing of the Course Certificate in Digital Ethical Hacking.

01
Instructor led Online Training for uninterrupted learning environment

02
Offline learning through Interactive Training videos for hassle-free, tself-paced learning

03
Excellent course content created by academic experts and industry exposed professionals

FEATURES OF THIS COURSE

Fees : 5,990+ GST

SKILLS FACTORY
SHARPER SKILLS FOR BETTER CAREERS

103, Venkateshwara House, Opp. Kalinga Restaurant, Near Sharada Centre, Off Karve Road, Erandawane, Pune 411004

+91-9529145876 / 9021097004 / 8007024711, (020) 25451488, 25464656

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SKILLS FACTORY

SHARPER SKILLS FOR BETTER CAREERS

SALESFORCE ADMIN

COURSE CURRICULUM

Introduction and Prerequisite

Overview of CRM

What is Cloud Computing?

Service and Deployment Models in the Cloud Market situation Benefits of the SFDC Cloud Platform

Various Products and Editions

Cloud Vendors in Salesforce

Salesforce Fundamentals

Building Blocks in Cloud - SaaS, PaaS, IaaS

Case Study based learning Project Based Learning

Power of Trailhead

Creating Free Developer Org

Introduction to Salesforce(SFDC)

SFDC Modules

SFDC Business Objects and their functionality

Salesforce Admin

Data Modeling And Validation

An Insight into Standard Objects

Standard Object Flow (SaaS)

Understanding Custom Objects

Introduction to Tabs, Standard and Custom Fields

Introduction to Detail Page and Related Lists

Salesforce Data Model

Create Custom Objects

View the objects created in Schema Builder

Delete few custom Fields

What are Primary-Keys?

What are Foreign-Keys?

Understanding Roll-up Summary Field

An Insight into Formula and Cross Object Formula Field

Date, Text, and number Formulas

Business Process And Automation

Business Logics And Various Rule

Understanding Various Rules For Automation

Workflow Features And Options

Assignment Rules

Approval Process

Approval Process - Single-step Approval And Multistep Approval

Process Automation

Auto Response and Approval Processes

Limitations and Considerations for sin g Workflow and approvals

Introducing Process

Builder Process

Build features

Escalation Rules

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User Interface and Analytics

Page Layouts
Record Types
Limitations of Page
Layouts Standard Report VS Custom Report
Various Types of Reports
Defining Summary Report
Defining Tabular Report
Defining Matrix Report
Defining Join Report
Defining SFDC Report
Execute a Report with and without Modifications
Create a Simple Tabular Report
User filters in reports
What is a Custom Summary Formula Field?
Understanding Bucket Field
What is a Bucket Field High-Lighting
How to Schedule Report for Future Run
Introduction to Dashboard
Components of Dashboard
Usage of the Components of Dashboard
How to Select a Component to meet the Requirements
Settings of Dashboards
Formatting of the Components
Running User Concept

Security Model

Salesforce Security Features
Object Level Securities and Object-Wise permissions
Comparing Edit Vs. Modify All and Read Vs. View All Record Level Securities
Organization Wide Default
Profiles, Roles, and Permission
Sets Record sharing and Roll-Hierarchy
Sharing Rules and Applications Manual
Sharing Field Level Securities and Properties
Manual Sharing Field Level
Securities and Properties

Other Topics

List Views
Tabs Apps
Lightning App Builder
Salesforce Visual Flows
Enabling Web - to - Lead / Web - to - Case for the Org
Lead Convert

SALESFORCE PD1

COURSE CURRICULUM

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Basics Of Programming
What is Apex?
Understanding Collection Types
What are Loops?
DML Statements
Traditional for Loop Advance for Loop Loops with SOQLs
How to Implement Apex Various Trigger Context Variables
Understanding Apex and Deployment Tools
An Insight into Apex Classes
Invoking a class via Triggers
Usage for a Visual Force Page as a Controller
Comparing Controller and Extension
Test Class and Methods to Cover Apex
Force.com Capabilities
Sandboxes and their Functionality
Debug Logs

Advance Apex
Asynchronous Apex
Asynchronous Apex Types
Batch Apex
Future Calls
Queueable Apex
Schedulable Apex
Interfaces and methods
Email Services
Testclass for Asynchronous
Apex
Email Services

Basics Of VisualForce
Lightning Development
What is the Lightning Web Component framework?
Lightning Web Component Development
LWC and Aura interoperability
Component bundle
Data Binding
Applying CSS