

Doc. No.: DCE/0/15

Revision :00

## Lecture Plan-1

Faculty:-Poonam Yadav

Semester:- IV

Class:-ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

S. No.	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction Introduction to E-mail	<u>15 Min</u>
2	Division of the Topic Introduction to Email	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of E-mail under Internet	
4	Question / Answer: (a) What is the basic concept of E-mail (b) Explain the various advantages of using E-mail. (c) How we provide authentication to E-mail System?	<u>05 Min</u>

Assignment to be given:-

1) Explain E-mail Systems. What are the main advantages & disadvantages?

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp

## Lecture Plan -2

Faculty:-Poonam Yadav

Semester:- IV

Class:-ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

S. No.	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction  Advantages & Disadvantages, UserId, Password	<u>15 Min</u>
2	Division of the Topic Introduction Advantages Disadvantages UserId Password	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of E-mail under Internet	
4	Question / Answer: (a) What is the basic concept of E-mail (b) Explain the various advantages of using E-mail. (c) How we provide authentication to E-mail System?	<u>05 Min</u>

Assignment to be given:-

2) Explain E-mail Systems. What are the main advantages & disadvantages?

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

**Lecture Plan -3**Faculty:-Poonam YadavSemester:-IVClass:-ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- I

S. No.	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction  E-mail addresses, Message Component	<u>15 Min</u>
2	Division of the Topic E-mail addresses Message Component	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of E-mail addresses, Message Component, Message Composition	
4	Question / Answer: (a) Why we need E-mail addresses ? (b) Explain the different Mailer features	<u>05 Min</u>

Assignment to be given:-

- 3) Explain the following:
  - a) Message Components
  - b) Message Composition
- 4) Explain the Mailer's features

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

### Lecture Plan -4

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

S. No.	Topic :- Electronic Mail	Time Allotted:-
1.	Introduction  Composition, Mailer features	<u>15 Min</u>
2	Division of the Topic Message Composition Mailer features	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of E-mail addresses, Message Component, Message Composition	
4	Question / Answer: (a) Why we need E-mail addresses ? (b) Explain the different Mailer features	<u>05 Min</u>

Assignment to be given:-

- 5) Explain the following:
  - a) Message Components
  - b) Message Composition
- 6) Explain the Mailer's features

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

## Lecture Plan -5

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

S. No.	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction  E-mail inner workings	<u>15 Min</u>
2	Division of the Topic  E-mail inner workings	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to understand <b>E-mail inner workings</b> .	
4	Question / Answer: (a) Explain the different Protocols used with the E-mail.  (b) Explain the organization of E-mail System.	<u>05 Min</u>

Assignment to be given:-

- 7) Explain the following terms:
  - a) User ids
  - b) Passwords
  - c) E-mail addresses
  - d) Domain Names And DNS
- 8) Explain the inner working of Emails

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

## Lecture Plan -6

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

S. No.	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction  E-mail management	<u>15 Min</u>
2	Division of the Topic  E-mail management	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to understand <b>E-mail Management</b> .	
4	Question / Answer:  (a) Explain the organization of E-mail System.	<u>05 Min</u>

Assignment to be given:- Nil

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

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## Lecture Plan -7

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

S. No.	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction  MIME Types, Newsgroup	<u>15 Min</u>
2	Division of the Topic MIME Types Newsgroup	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of <b>MIME Types, Newsgroup.</b>	
4	Question / Answer: (a) Explain MIME Types. (b) Explain the use Newsgroup.	<u>05 Min</u>

Assignment to be given:- NIL

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp

Internet & WWW programming – Dietal & Nieto

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## **Lecture Plan -8**

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- I

<b>S. No.</b>	<b>Topic :- Electronic Mail</b>	<b>Time Allotted:-</b>
1.	Introduction Mailing List, Chat rooms	<u>15 Min</u>
2	Division of the Topic Mailing List Chat rooms	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of <b>Mailing List &amp; Chat rooms</b>	
4	Question / Answer: (a) Explain the use of mailing List.	<u>05 Min</u>

Assignment to be given:- NIL

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp

Internet & WWW programming – Dietal & Nieto



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## Lecture Plan -9

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- II

S. No.	<b>Topic :- The Internet</b>	<b>Time Allotted:-</b>
1.	Introduction Introduction to Internet/Networks & History of Internet,	<u>15 Min</u>
2	Division of the Topic Introduction to Internet/Networks History of Internet,	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of Internet.	
4	Question / Answer: (a) Explain History of Internet (b) Explain the working & use of Internet.	<u>05 Min</u>

Assignment to be given:-

- 1) Explain the History of Internet, how it came into existence.

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

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## Lecture Plan -10

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- II

S. No.	<b>Topic :- The Internet</b>	<b>Time Allotted:-</b>
1.	Introduction  Working of Internet, Internet Congestion, Internet Culture	<u>15 Min</u>
2	Division of the Topic Working of Internet, Internet Congestion, Internet Culture	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of Internet.	
4	Question / Answer: (a) Explain History of Internet (b) Explain the working & use of Internet.	<u>05 Min</u>

Assignment to be given:-

- 2) Explain the History of Internet, how it came into existence.

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

**Lecture Plan -11**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- II

S. No.	Topic :- The Internet	Time Allotted:-
1.	Introduction  Business Culture on Internet, Collaborative computing & Internet.	<u>15 Min</u>
2	Division of the Topic Business Culture on Internet, Collaborative computing & Internet.	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to Understand how to get connected with the Internet & Internet addresses.	
4	Question / Answer: (a) Explain the various Internet Tools. (b) Explain the DNS & ISP.	<u>05 Min</u>

Assignment to be given:-

- 1) Explain the different modes of connecting your PCs with the Internet.
- 2) Explain the following terms:
  - a) Telnet
  - b) FTP
  - c) MIME Types
  - d) Web Browser

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

**Lecture Plan -12**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- II

S. No.	<b>Topic :- The Internet</b>	<b>Time Allotted:-</b>
1.	Introduction  Modes of Connecting to Internet.	<u>15 Min</u>
2	Division of the Topic Modes of Connecting to Internet.	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to Understand the Modes of Connecting to Internet	
4	Question / Answer: (a) Explain Modes of Connecting to Internet.	<u>05 Min</u>

Assignment to be given:- NILReference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw &amp; Ellen Hepp

Internet &amp; WWW programming – Dietal &amp; Nieto

**Lecture Plan -13**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- II

S. No.	Topic :- The Internet	Time Allotted:-
1.	Introduction  ISPs, Internet addresses, DNS, Domain Names.	<u>15 Min</u>
2	Division of the Topic ISPs, Internet addresses, DNS, Domain Names,	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to Understand how to get connected with the Internet & Internet addresses.	
4	Question / Answer: (a) Explain the various Internet Tools. (b) Explain the DNS	<u>05 Min</u>

Assignment to be given:-

- 1) Explain the different modes of connecting your PCs with the Internet.
- 2) Explain the following terms:
  - a) Telnet
  - b) FTP
  - c) MIME Types
  - d) Web Browser

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

**Lecture Plan -14**

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- II

S. No.	Topic :- The Internet	Time Allotted:-
1.	Introduction  Communication Software, Internet Tools, Modems	<u>15 Min</u>
2	Division of the Topic Communication Software, Internet Tools, Modems	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to Understand how to get connected with the Internet & Internet addresses.	
4	Question / Answer: (a) Discuss about Internet Tools.	<u>05 Min</u>

Assignment to be given:- NILReference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw &amp; Ellen Hepp

Internet &amp; WWW programming – Dietal &amp; Nieto

**Lecture Plan -15**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- III

S. No.	<b>Topic :- World Wide Web</b>	<b>Time Allotted:-</b>
1.	Introduction  Introduction to World Wide Web, Web Browser Details, Searching the WWW,	<u>15 Min</u>
2	Division of the Topic Introduction to World Wide Web, Web Browser Details, Searching the WWW,	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding Browser, Search Engines, Telnet & FTP.	
4	Question / Answer: (a) Why we need Browser. (b) Explain the Search Engines & Meta Search Engines. (c) Explain Telnet & FTP.	<u>05 Min</u>

Assignment to be given:-

- 1) What are the main components of Search Engine? Explain in brief.

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

**Lecture Plan -16**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- III

S. No.	Topic :- World Wide Web	Time Allotted:-
1.	Introduction  Search Engines & Meta Search Engines, Search Fundamentals, Search Strategies, Working of Search Engines, Telnet & FTP	<u>15 Min</u>
2	Division of the Topic Search Engines & Meta Search Engines, Search Fundamentals, Search Strategies, Working of Search Engines, Telnet & FTP	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding Browser, Search Engines, Telnet & FTP.	
4	Question / Answer: (a) Why we need Browser. (b) Explain the Search Engines & Meta Search Engines. (c) Explain Telnet & FTP.	<u>05 Min</u>

Assignment to be given:-

2) What are the main components of Search Engine? Explain in brief.

Reference Readings:-Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto



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## Lecture Plan -17

Faculty:-Poonam Yadav

Semester:- IV

Class:- ECS

Course Code:-CSE-208-F

Subject:-Internet Fundamental

Unit:- III

S. No.	Topic :- World Wide Web	Time Allotted:-
1.	Introduction Introduction to Browser, HTML	<u>15 Min</u>
2	Division of the Topic Introduction to Browser, HTML,	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of Browser & HTML.	
4	Question / Answer: (a) Explain the elements of HTML.	<u>05 Min</u>

Assignment to be given:-

1. Explain the Various Tags in HTML..

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
Internet & WWW programming – Dietal & Nieto

**Lecture Plan -18**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- III

S. No.	<b>Topic :- World Wide Web</b>	<b>Time Allotted:-</b>
1.	Introduction  Web Page Installation/ Setup Basics of HTML & Formatting and Hyperlink creation. FrontPage Express & Plugins	<u>15 Min</u>
2	Division of the Topic Web Page Installation/ Setup Basics of HTML & Formatting and Hyperlink creation. Front Page Express & Plugins	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding of Browser & HTML.	
4	Question / Answer: (a) Explain basics of HTML.	<u>05 Min</u>

Assignment to be given:- NILReference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw &amp; Ellen Hepp

Internet &amp; WWW programming – Dietal &amp; Nieto

**Lecture Plan -19**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- IV

S. No.	Topic :- Languages	Time Allotted:-
1.	Introduction  Basic & Advance HTML, Java Script Language	<u>15 Min</u>
2	Division of the Topic Basic & Advance HTML, HTML Tags, Java Script Language, Creating functions in JavaScript	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding and Design of Web Pages using HTML & JavaScript	
4	Question / Answer: (a) Define the structure of a HTML file. (b) Explain the use JavaScript in Web Page.	<u>05 Min</u>

Assignment to be given:-

- 3) Explain the Basic Structure of HTML file.
- 4) Explain the basic need of JavaScript in Web Page.

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
 Internet & WWW programming – Dietal & Nieto  
 Complete idiots guide to java Script – Aron Weiss

**Lecture Plan -20**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- IV

S. No.	Topic :- Languages	Time Allotted:-
1.	Introduction  Client & Server Side Programming in JavaScript, Forms & XML Basics	<u>15 Min</u>
2	Division of the Topic Client & Server Side Programming in JavaScript, Forms Design & XML Basics	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding Form Design & XML Basic	
4	Question / Answer: (a) What is a FORM? Design a Student Login Form. (b) Why we use XML?	<u>05 Min</u>

Assignment to be given:-

5) Design a Calculator on the Web Page using HTML &amp; JavaScript.

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw &amp; Ellen Hepp

Internet &amp; WWW programming – Dietal &amp; Nieto

Complete idiots guide to java Script – Aron Weiss

**Lecture Plan 21**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- V

S. No.	Topic :- Servers	Time Allotted:-
1.	Introduction  Introduction to Web Servers , Microsoft Personal Web Server(PWS), IIS, Apache ,Accessing & Using these Server	<u>15 Min</u>
2	Division of the Topic Introduction to Web Servers , Microsoft Personal Web Server(PWS), IIS, Apache , Accessing & Using these Server	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding Web Servers	
4	Question / Answer: (a) Explain PWS & IIS installation. (b) What are the main functions of a Web Server?	<u>05 Min</u>

Assignment to be given:-

- 6) Explain the main steps in the installation of IIS .
- 7) Explain the following terms:
  - a) Telnet
  - b) FTP
  - c) MIME Types
  - d) Web Browser

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
 Internet & WWW programming – Dietal & Nieto  
 Complete idiots guide to java Script – Aron Weiss

**Lecture Plan -22**Faculty:-Poonam YadavSemester:- IVClass:- ECSCourse Code:-CSE-208-FSubject:-Internet FundamentalUnit:- VI

S. No.	Topic :- Privacy & Security	Time Allotted:-
1.	Introduction  Introduction to Privacy & Security, Software Complexity, Encryption Schemes, Secure Web Document, Digital Signatures, Firewalls	<u>15 Min</u>
2	Division of the Topic Introduction to Privacy & Security, Software Complexity, Encryption Schemes, Secure Web Document, Digital Signatures, Firewalls	<u>40 Min</u>
3.	Conclusion: This Lecture was delivered to develop the basic Understanding Privacy & Security System in Internet using Encryption Schemes, Secure Web, Document, Digital Signatures, Firewalls	
4	Question / Answer: (a) Explain the Encryption Schemes. (b) Explain the Digital Signatures & Firewalls.	<u>05 Min</u>

Assignment to be given:-

- 8) What do you mean by Encryption Schemes? Explain their different methods.
- 9) How does Digital Signatures provide Internet Security? Explain in brief.
- 10) Explain the concept and use of Firewalls in the Network System.

Reference Readings:-

Fundamentals of the Internet and the WWW- Raymond Greenlaw & Ellen Hepp  
 Internet & WWW programming – Dietal & Nieto  
 Complete idiots guide to java Script – Aron Weiss