

INNOVATIVE TEACHING-LEARNING

ACADEMIC YEAR 2021-22

METHOD:
ANIMATION VIDEO



INNOVATIVE TEACHING-LEARNING

ACADEMIC YEAR 2021-22

Method Name : Animation Video

Faculty In-charge : Syeda Roshni

Time to task : 30 minutes

Date : 16-11-2021

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Animation Topic

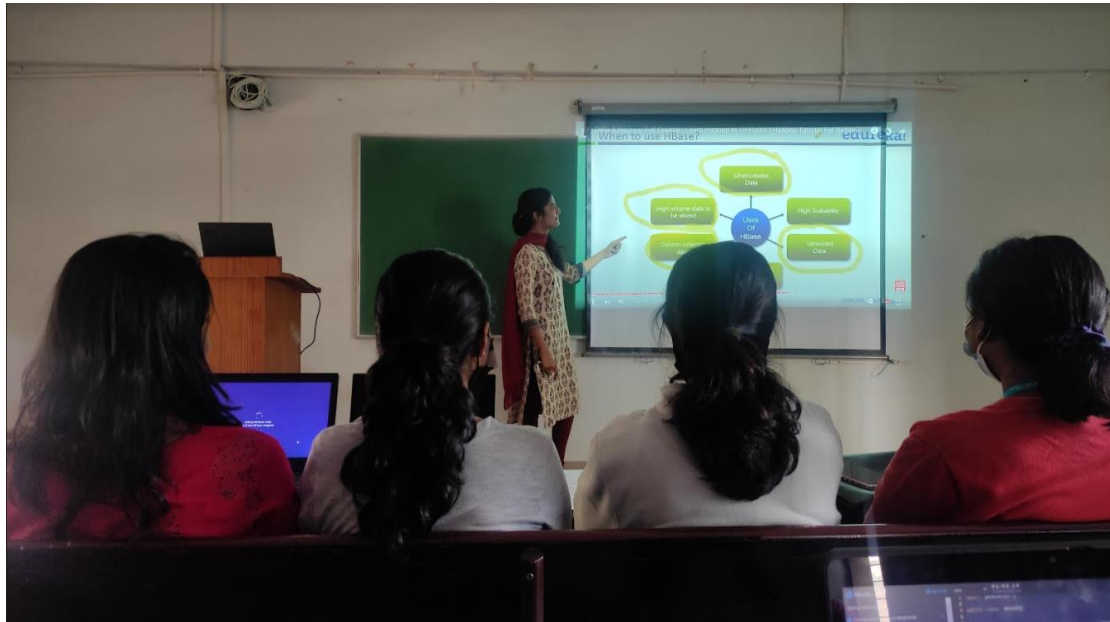
Big Data - Tim Smith

Intro to Big Data: Crash Course Statistics

Session Report

Innovative Teaching Learning Methodology	
Method Name	Animation Videos
Faculty In-Charge	Syeda Roshni Ahmed
Students	7 th sem students
Date	16/11/2021
Time	30Minutes
List of Activity Done: None	
Summary(Detailed Report)	
Visual way to view the topics in an animated form for better understanding	
Playing an understandable topic so that it is easy for students to grab the topic	
It helps student to remember the topics	
Provides student to think more about the respective topic	

Photos



Photos

Youtube video links 

<https://youtu.be/j-0cUmUyb-Y?t=4>

<https://youtu.be/vku2Bw7Vkfs>

FeedBack



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Department of Information Science and Engineering

STUDENTS FEEDBACK ON INNOVATIVE CLASSROOM METHOD

Method Name: *Animation Videos*

Sem: 7

Subject: *Big Data Analytics* Module No: 1

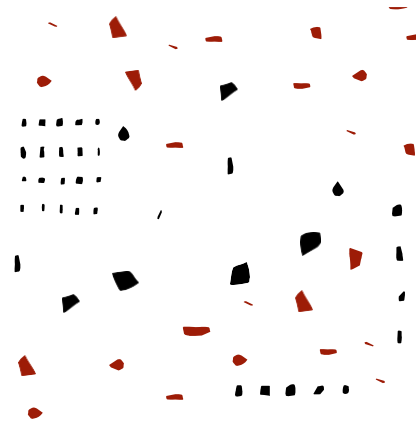
Faculty In-charge: *Syeda Roshni Ahmed*

Topic: *Big Data - Tim Smith*

Intro to Big Data: Crash Course Statistics

Student Name: *Michells Maria Thomas*

Sl. No	Evaluation	Strongly Disagree	Disagree	Agree	Strongly Agree
1.	The innovative learning is more engaging than traditional learning.				✓
2.	I would rather watch a traditional teacher led lesson than video/GD/other methods			✓	
3.	The innovative method gives me more class time to explore and practice problems in class.				✓
4.	The innovative classroom gives me opportunities to communicate effectively with other students n learn.			✓	
5.	The innovative classroom has helped to improve my interaction with the teacher				✓
6.	I would recommend the innovative classroom to my friends in other colleges.				✓



Student Name: *Michells Maria Thomas*



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STUDENTS FEEDBACK ON INNOVATIVE CLASSROOM METHOD

Method Name: *Animation Videos*

Sem: 7

Subject: *Big Data Analytics* Module No: 1

Faculty In-charge: *Syeda Roshni Ahmed*

Topic: *Big Data - Tim Smith*

Intro to Big Data: Crash Course Statistics

Student Name: *Ayisha*

Sl. No	Evaluation	Strongly Disagree	Disagree	Agree	Strongly Agree
1.	The innovative learning is more engaging than traditional learning.				✓
2.	I would rather watch a traditional teacher led lesson than video/GD/other methods				✓
3.	The innovative method gives me more class time to explore and practice problems in class.				✓
4.	The innovative classroom gives me opportunities to communicate effectively with other students n learn.				✓
5.	The innovative classroom has helped to improve my interaction with the teacher				✓
6.	I would recommend the innovative classroom to my friends in other colleges.				✓

Student Name: *Ayisha*



INNOVATIVE TEACHING-LEARNING

ACADEMIC YEAR 2021-22

Method Name : Animation Videos

Faculty In-charge : Uzma Sulthana

Time to task : 1 hour

Date : 08-12-2021

Session Report

SL.NO	CONTENT
1	Session Report
2	Work Samples
3	Photos
4	Videos
5	Feedback

Session Report

INNOVATIVE TEACHING-LEARNING METHODOLOGY REPORT				
Method Name	Animation videos			
Faculty In-charge	Ms. Uzma Sulthana, Assistant Professor, Dept. of ISE			
Students in the group	G1 and G2			
Date	08/12/2021	Time from	12:15 am	Time to 1:15 pm
List of activities conducted				
1. Questions on Animation video				
Summary (Provide in detail report of session progress)				
<p>The session covered the following points:</p> <ol style="list-style-type: none">1. Displayed Animation video of respective topic.2. Time based analysis of content in the video.3. Brainstorming within the student's4. Set of Questions to answer.				

Work Samples

HARSHITHA N
IAT1915036
5ISE1

COMPUTER NETWORK AND SECURITY.

Module-3 Questions:- Animation videos

1) What is an IP address?
→ IP stands for Internet Protocol, where these IP address are different for different devices looking at the IP address the packets are transferred.

2) List IP versions?
→ There are two IP versions they are :-
IPV4 and IPV6

3) Size of IPV4 and IPV6 along with devices connected in each.
→ Size of IPV4 is 32 bits, devices connected in each is $2^{32} = 4,294,967,296$ devices
Size of IPV6 is 128 bits, devices connected in each is $2^{128} =$

4) What are the classification of IP address?
→ 1) Static IP address
2) Dynamic IP address

5) Differentiate between static and Dynamic address?

Static	Dynamic
1) The address cannot be changed	1) The address can be changed.
2) These are less secure easily	2) They are more secure
3) It is traceable	3) It is not traceable

Computer Network & Security. Harshitha N
18CS52 IAT1915038
Module-03, Animation video 5ISE1.

1) What is IP address?
→ Internet Protocol address, each computer, smart phone have different IP addresses.

2) List IP versions?
→ There are 2 IP versions namely.
• IPV4
• IPV6.

3) Size of IPV4 & IPV6 along with devices connected on each version.
→ IPV4 - 32 bits - 2^{32} devices
IPV6 - 128 bits - 2^{128} devices.

4) What are the classification of IP address.
→ There are 2 IP addresses namely:
• Dynamic IP address
• Static IP address.

5) Differentiate btw static & Dynamic address?

Static address	Dynamic address.
→ IP address never change	→ IP addresses are dynamic in nature (change)
→ DNS	→ ISP.
→ IP address do not vary with change.	→ IP address will vary with change.
→ They are permanent for Particular system	→ Not permanent.

CNS-18CS52 Animation video
Questions- MODULE 3

1) What is IP Address
2) List the IP versions
3) Size of IPV4 and IPV6 along with devices connected on each version.
4) What are the classifications of IP address?
5) Difference between static and dynamic IP addresses.

ANSWERS:

1) An IP Address (Internet Protocol) Address is the address that is assigned to a device in order to access the internet.

2) IP versions - IPV4 and IPV6

3) IPV4 - 2^{32} ≈ 4 billion devices can connect to this version
IPV6 - 2^{128} no. of devices can be connected to this version.

4) IP addresses can be classified into:
• Static IP address • Dynamic IP address

5)

Static IP address	Dynamic IP address
• Every device is given a single IP address.	• Every device is given a new IP address everytime it connects to the internet.
• It remains constant how many ever times it is accessed.	• It changes constantly
• eg - DNS server	• eg - personal devices

INCHARA A
IAT1915043
5ISE1

COMPUTER NETWORKS SECURITY
18CS52
Animation video

1. What is IP address?
→ Internet Protocol address which is specific to each device connected to internet.

2. List IP versions.
→ 1) IPV4
2) IPV6

3. Size of IPV4 and IPV6 along with device connected to each other.
→ IPV4 size is 32 bit, 2^{32} devices can be connected.
IPV6 size is 128 bit, 2^{128} devices can be connected.

4. What are the classifications of IP address?
→ IP address are classified into two types:
1) Dynamic IP address
2) Static IP address.

5. Difference btw static and dynamic address.

Static	Dynamic
* IP address remains constant.	* IP address is different for different device.
* IP address do not vary with change	* IP address will vary with change.
* DNS	* ISP.

Photos



Youtube video links



https://youtu.be/1z0ULvg_pW8

<https://youtu.be/8npT9AALbrl>

Concept Maps

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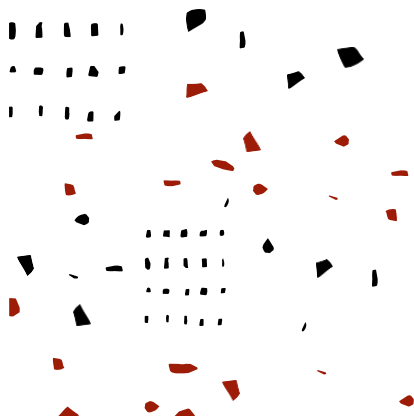
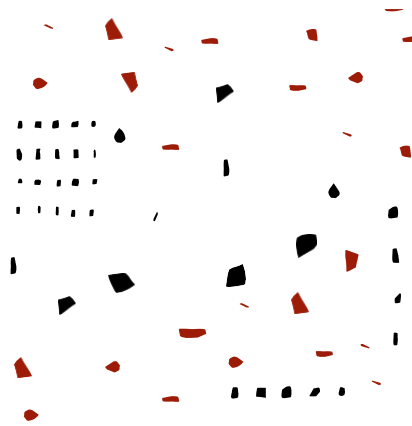
STUDENTS FEEDBACK ON INNOVATIVE CLASSROOM METHOD

Method Name: *Animation videos*
 Sem: 5th Subject: CAIS Module No: 3
 Group No: 01 Faculty In-charge: *M. Ujwal Suthara*
 Topic: *IP Addressing, Hub, routers, switches*

Sl. No	Evaluation	Strongly Disagree	Disagree	Agree	Strongly Agree
1.	The innovative learning is more engaging than traditional learning.				✓
2.	I would rather watch a traditional teacher led lesson than video/CD/other methods.		✓		
3.	The innovative method gives me more class time to explore and practice problems in class.			✓	
4.	The innovative classroom gives me opportunities to communicate effectively with other students & learn.				✓
5.	The innovative classroom has helped to improve my interaction with the teacher.				✓
6.	I would recommend the innovative classroom to my friends in other colleges.				✓

Group Members:

- 1) IAT19IS004 - Anu Devanaju C
- 2) IAT19IS017 - Anushree D
- 3) IAT19IS013 - Anitha P M
- 4) IAT19IS036 - Keerthana H
- 5) IAT19IS009 - Anand Reddy L
- 6) IAT19IS041 - Jyotik Shivam



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STUDENTS FEEDBACK ON INNOVATIVE CLASSROOM METHOD

Method Name: *Animation videos*
 Sem: 5th Subject: CAIS Module No: 3
 Group No: 02B Faculty In-charge: *M. Ujwal Suthara*
 Topic: *IP Addressing, Hub, routers, switches*

Sl. No	Evaluation	Strongly Disagree	Disagree	Agree	Strongly Agree
1.	The innovative learning is more engaging than traditional learning.				✓
2.	I would rather watch a traditional teacher led lesson than video/CD/other methods.			✓	
3.	The innovative method gives me more class time to explore and practice problems in class.			✓	
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6.	I would recommend the innovative classroom to my friends in other colleges.				✓

Group Members:

- 1) Hernanthy V IAT19IS060
- 2) Chauhan N IAT19IS082
- 3) Gaurav D IAT19IS091
- 4) Manoj M IAT19IS050
- 5) Keerthana S IAT19IS045
- 6) Mohanmed Akshay IAT19IS052
- 7) N. Akash IAT19IS055
- 8) Nishanth Michael C IAT19IS062
- 9) Nishant Kumar Singh IAT19IS068
- 10) H A Ansh Koushal IAT19IS053