



Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women

Name of the Activity: Analysis

Subject Name: Intellectual Property Rights

Faculty Name: Dr.G.Naga Satish

Topic: Analysis of Intellectual Property Rights

Date of Conduction: 19th August 2017

Class / Year / Semester: III CSE / 2017-18 / I Sem

Brief Write-up (Not exceeding 200 Words)

To collect information about that how many people known Intellectual Property Rights we have created a form and collected the information in the Campus of BVRITH, College of Engineering for Women

Photographs (if any)

BVRIT Hyderabad College of Engineering for Women
Nizampet Road, Bachupally, Hyderabad-500090
COMPUTER SCIENCE AND ENGINEERING

INITIAL SURVEY ON INTELLECTUAL PROPERTY RIGHTS
EmpId: 188 Department: CSE/EEE/ECE/IT/ADMIN/ACCOUNTS

5A7
5A4
5A5
597

1. What is your role?
Academic /Academic-related/ Administrative / Educational development
Research/ Support /Technical/Other ✓
2. Do You Know about Intellectual Property? YES/NO ✓
3. Do you use teaching and learning resources created by others?
Frequently/Occasionally/Rarely /Never ✓
4. Do you include any of the following 'third parties content' in any teaching and learning resources?
Cartoons /Examples of students' work Film clips/Extracts from diaries/journals/letters
Extracts from radio/TV broadcasts /Illustrations /Logos /Music Photographs
Scanned text/Video /Other ✓
5. Do you know what a Copy Right is? YES/NO ✓
6. How do you gain permission to use the 'third party' materials?
Contact publisher/Check licenses/Write to author/performer/photographer etc.
Use release form /other ✓
7. How do you acknowledge the sources of any 'third party' content?
Citation/with the content/Provide a list of references/ bibliography/other ✓
8. Do you know what a TRADE MARK is? YES/NO ✓
9. Do you know what a TRADE SECRET is? YES/NO ✓
10. Do you know what a PATENT is? YES/NO ✓

"IP awareness is critical to running an efficient IP system"



BVRIT Hyderabad College of Engineering for Women

Nizampet Road, Bachupally, Hyderabad-500090

COMPUTER SCIENCE AND ENGINEERING

INITIAL SURVEY ON INTELLECTUAL PROPERTY RIGHTS

EmpId: 126

Department: CSE/EEE/ECE/IT/ADMIN/ACCOUNTS

1. What is your role?
Academic /Academic-related/ Administrative / Educational development
Research/ Support /Technical/Other
2. Do You Know about Intellectual Property? YES/NO
3. Do you use teaching and learning resources created by others?
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Scanned text/Video /Other (PPTs)
5. Do you know what a Copy Right is? YES/NO
6. How do you gain permission to use the 'third party' materials?
Contact publisher/Check licenses/Write to author/performer/photographer etc.
Use release form /other
7. How do you acknowledge the sources of any 'third party' content?
Citation/with the content/Provide a list of references/ bibliography/other
8. Do you know what a TRADE MARK is? YES/NO
9. Do you know what a TRADE SECRET is? YES/NO
10. Do you know what a PATENT is? YES/NO

"IP awareness is critical to running an efficient IP system"

Intellectual Property Rights

Activity: Analysis

Topic Analysis of Intellectual Property Rights – Date: 19th August 2017

No. of Teams: 5

Preparation / Prerequisites:

Announced the topic in the class on 6th August 2017. Forms are created and Submitted to Students

Rules Executed

Formed the teams randomly and given 10 forms

Assigned Different Departments to Different Teams

Team should response fast.

Team 1	Team 2	Team 3	Team 4	Team 5
15wh1a0561	15wh1a0562	15wh1a0563	15wh1a0564	15wh1a0565
15wh1a0566	15wh1a0567	15wh1a0568	15wh1a0569	15wh1a0570
15wh1a0571	15wh1a0572	15wh1a0573	15wh1a0574	15wh1a0575
15wh1a0576	15wh1a0577	15wh1a0578	15wh1a0579	15wh1a0580
15wh1a0581	15wh1a0582	15wh1a0583	15wh1a0584	15wh1a0585
15wh1a0586	15wh1a0587	15wh1a0588	15wh1a0589	15wh1a0590
15wh1a0591	15wh1a0592	15wh1a0593	15wh1a0594	15wh1a0595
15wh1a0596	15wh1a0597	15wh1a0598	15wh1a05a0	15wh1a05a1
15wh1a05a2	15wh1a05a3	15wh1a05a4	15wh1a05a5	15wh1a05a6
15wh1a05a7	15wh1a05a8	15wh1a05a9	15wh1a05b0	15wh1a05b1
15wh1a05b2	15wh1a05b3	15wh1a05b4	15wh1a05b5	15wh1a05b6
15wh1a05b7	15wh1a05b8	15wh1a05b9	15wh1a05c0	16wh1a0504
16wh1a0505	16wh1a0505	15P71A0571		



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Presentations

Subject Name: Cloud Computing

Faculty Name: Ms. Parneet Kaur & D. Swapna

Topic: Cloud Virtual Machine Provisioning, Aneka, Clomet, T-systems Cloud Applications RVWS design

Date of Conduction: 13th 16th 24th October, 2017

Class / Year / Semester: IV CSE – A&B / 2017-18 / I Sem



Subject Name: Cloud Computing

Activity: Presentations

Topic: Virtual Machine Provisioning, Aneka, Clomet, T-systems Cloud Applications RVWS design

Date: 13th 16th 24th October, 2017

No. of Teams: 10

Preparation / Prerequisites:

Students are instructed on 1st October, 2017 to form a team of 8 students (Sec A&B combined) and gave topic from complete syllabus. Further, they are asked to come prepared with the topic and give presentation in class on the day of activity (13th 16th 24th October, 2017) . Topics are briefly discussed in class prior.

Rules Executed

Team size : 8 Students

Time for presentation: 15-20 min

Place : Classroom



Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women

Name of the Activity: Mind Maps

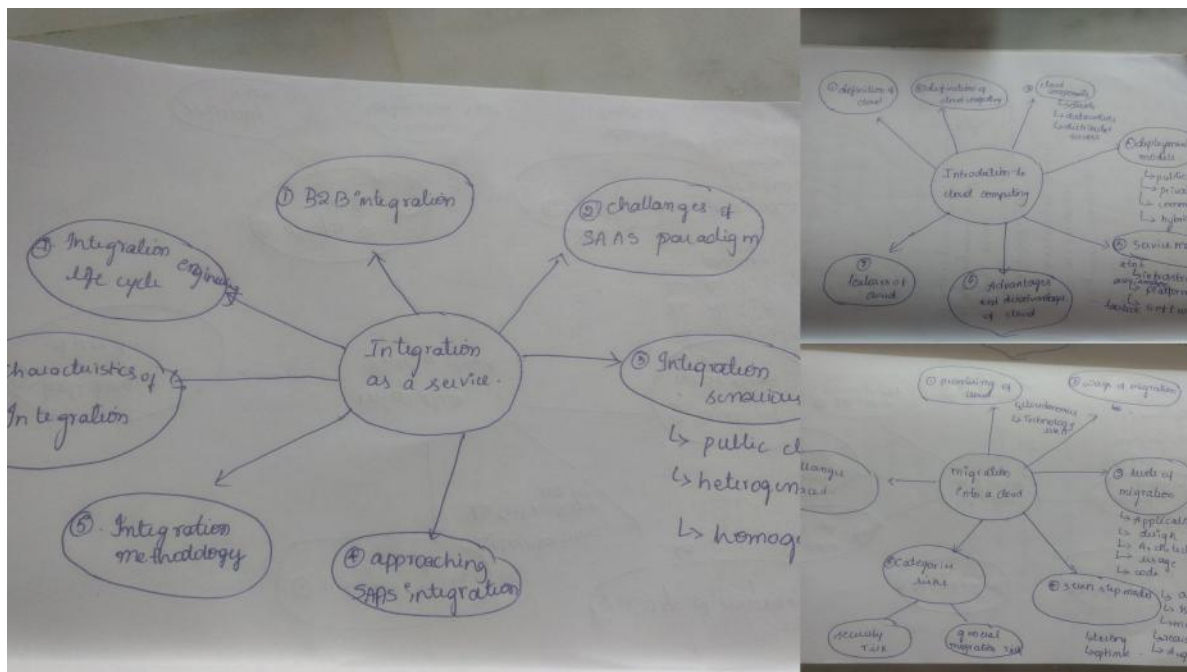
Subject Name: Cloud Computing

Faculty Name: Ms. Parneet Kaur & D. Swapna

Topic: Introduction to cloud computing, Interation as a Service, Migration into Cloud

Date of Conduction: 20th August, 2017

Class / Year / Semester: IV CSE – A&B / 2017-18 / I Sem



Subject Name: Computer Networks

Activity: Mind Maps

Topic: Introduction to cloud computing, Interation as a Service, Migration into Cloud

Date: 20th August, 2017

No. of Teams: 6

Preparation / Prerequisites:

Students are instructed on 10st August,2017 to form a team of 10 students (Sec A&B combined) and choose topic of their own choice from Unit 1&2 (syllabus covered till that day). Further, they are asked to come with proper material / information on the day of activity (20th August, 2017) . Basic information provided in the class.

Rules Executed

Team size : 10 Students

Teams may have same topic.

Time for preparation for Mind Map : 1 hour

Place of execution : Classroom

Every team should explain the topic through mind map.



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Open Classroom Brainstorming

Subject Name: Computer Networks
Faculty Name: Ms. Parneet Kaur & Dr. A. Vasanthi
Topic: Computer Networks
Date of Conduction: 5th August, 2017
Class / Year / Semester: III CSE – A&B / 2017-18 / I Sem



Subject Name: Computer Networks
Activity: Open Classroom Brainstorming
Topic: Computer Networks – Date: 5th August, 2017
No. of Teams: 20

Preparation / Prerequisites:

Students are instructed on 1st August, 2017 to form a team of 5-6 students (Sec A&B combined) and choose topic of their own choice from complete syllabus with a condition that all teams should have unique topics. Further, they are asked to come with proper material / information on the day of activity (5th August, 2017) . Basic information provided in the class.

Rules Executed

Team size : 5-6 Students
No Team should have same topic.
Time for preparation of Skit/Mind Map : 1 hour
Place of execution : BVRITH Garden
Every team should explain the topic through mind map or skit.



Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women

Name of the Activity: Charts Preparation

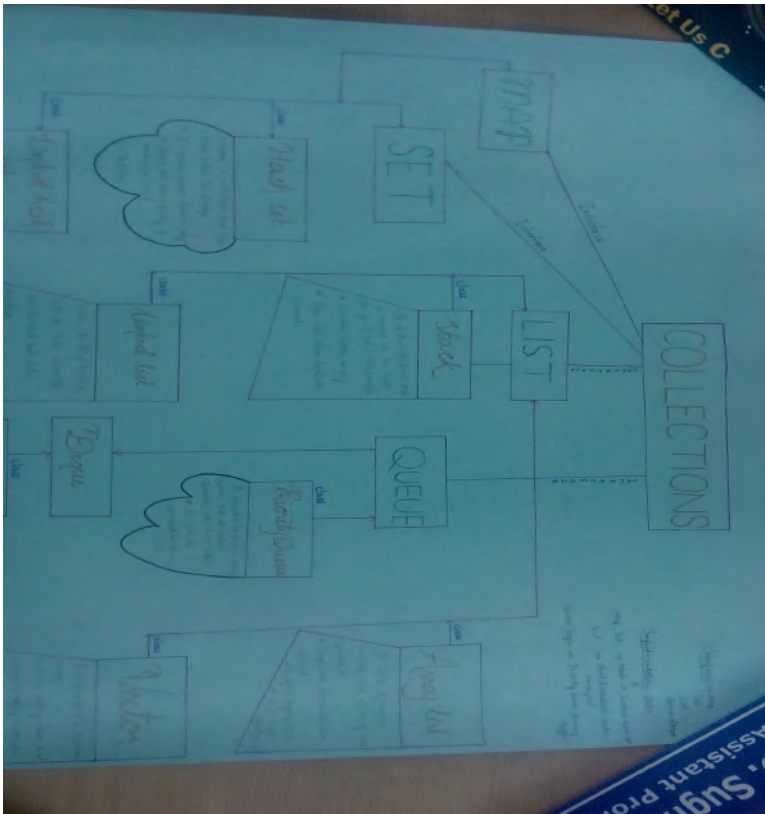
Subject Name: OOP through JAVA

Faculty Name: Mr A.Saleem

Topic: Java History ,Architecture and OOP Properties.

Date of Conduction: 19th August 2017

Class / Year / Semester: II CSE-B / 2017-18 / I Sem



S.No	Batch	Topic
1	Batch1	JVM Architecture
2	Batch2	OOP Properties with Real-time Examples
3	Batch3	Collection Frame Work with Applications
4	Batch4	Multithreads and Implementation
5	Batch5	AWT & Swing Components
6	Batch6	I/O Streams.

Activity :Online Test through Mobile App(Faculty Friend App)

Topic :Java Basics

Date :9.9.2017

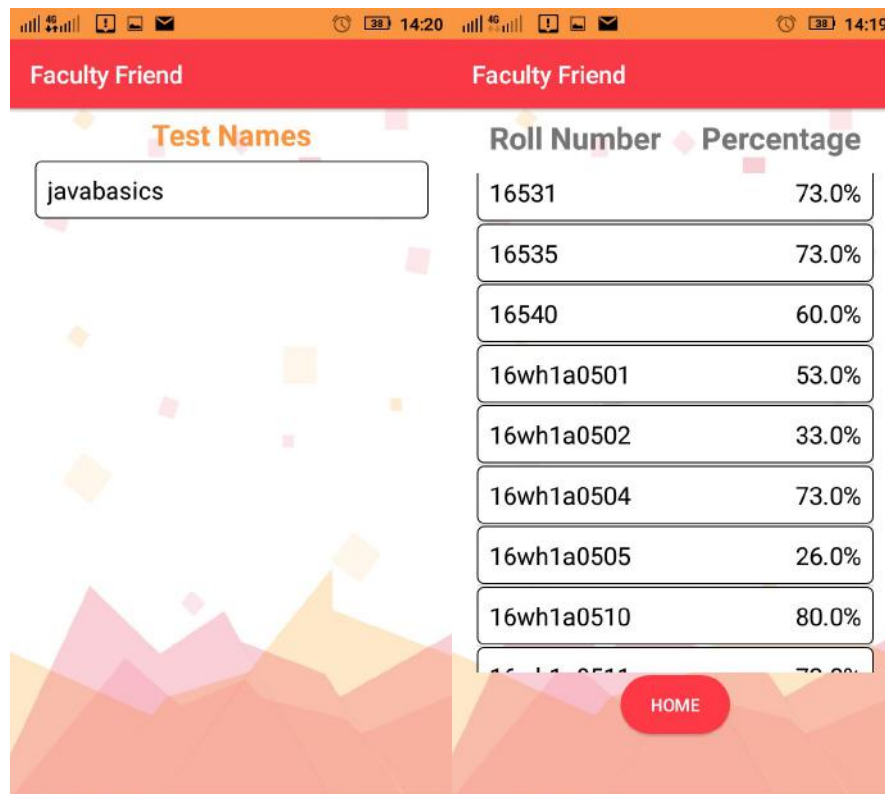
Class :II CSE –B Ist Semester 2017-18

Total No of Questions :30

Total No of Students Attempted :55

Top 3 Students:

Rank	Roll Number	% of Marks
1	16WH1A0503	93
2	16WH1A0501	53
3	16WH1A0548	80
3	16WH1A0510	80
3	16WH1A0526	80
3	16WH1A0552	80
3	16WH1A0560	80



Faculty Friend Faculty Friend

Roll Number Percentage

16wh1a0511	73.0%
16wh1a0513	66.0%
16wh1a0517	73.0%
16wh1a0518	60.0%
16wh1a0519	66.0%
16wh1a0524	33.0%
16wh1a0526	80.0%
16wh1a0534	60.0%
16wh1a0535	33.0%

Roll Number Percentage

0548	80.0%
15wh1a0571	60.0%
15wh1a0574	53.0%
15wh1a05b4	73.0%
16	46.0%
16512	73.0%
16529	60.0%
16530	60.0%

HOME

HOME



Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women

Name of the Activity: Charts Preparation

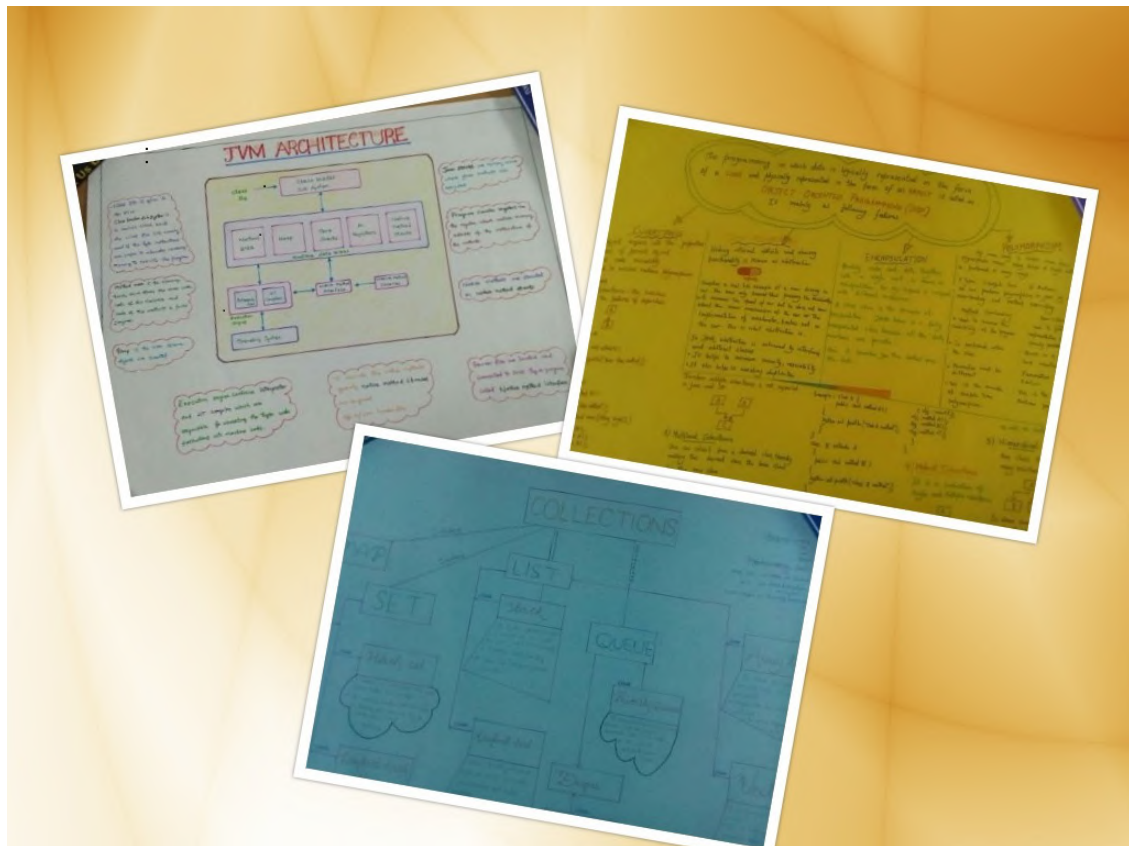
Subject Name: OOP through JAVA

Faculty Name: Mr M Dyva Sugnana Rao

Topic: Java History ,Architecture and OOP Properties.

Date of Conduction: 12th August 2017

Class / Year / Semester: II CSE-A / 2017-18 / I Sem



S.No	Batch	Topic
1	Batch1	JVM Architecture
2	Batch2	OOP Properties with Real-time Examples
3	Batch3	Collection Frame Work with Applications
4	Batch4	Multithreads and Implementation
5	Batch5	AWT & Swing Components
6	Batch6	I/O Streams.

Activity :Online Test through Mobile App(Faculty Friend App)

Topic :Java Basics

Date :2.9.2017

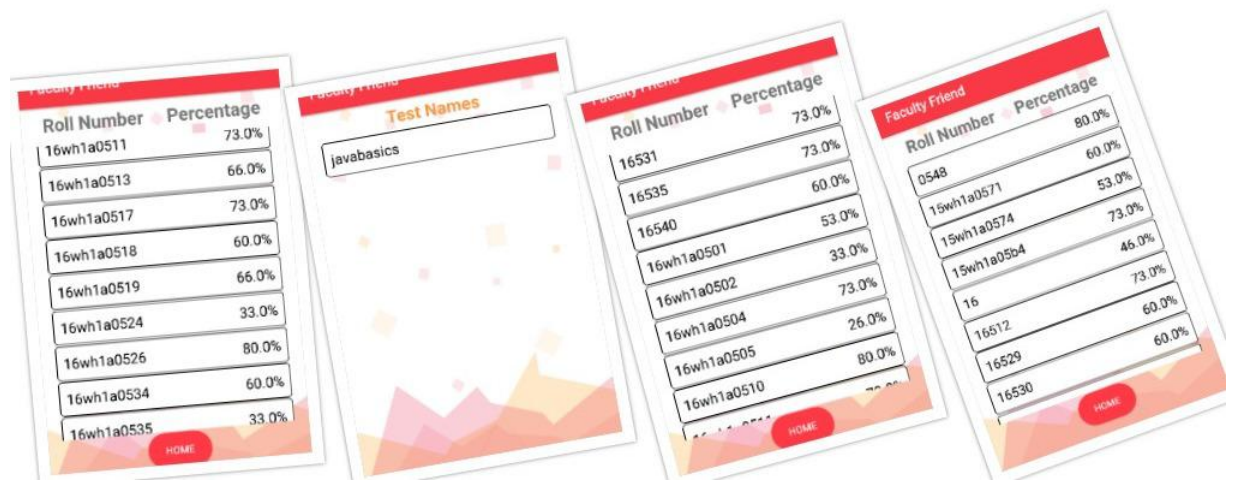
Class :II CSE –A Ist Semester 2017-18

Total No of Questions :30

Total No of Students Attempted :41

Top 3 Students:

Rank	Roll Number	% of Marks
1	16WH1A0503	93
2	16WH1A0520	86
3	16WH1A0548	80
3	16WH1A0510	80
3	16WH1A0526	80
3	16WH1A0552	80
3	16WH1A0560	80



Activity :Online Coding Test through Hacker Rank

Topic :Inheritance,Abstract Classes & Overloading

Date :30.08.2017

Class :II CSE –A 1st Semester 2017-18

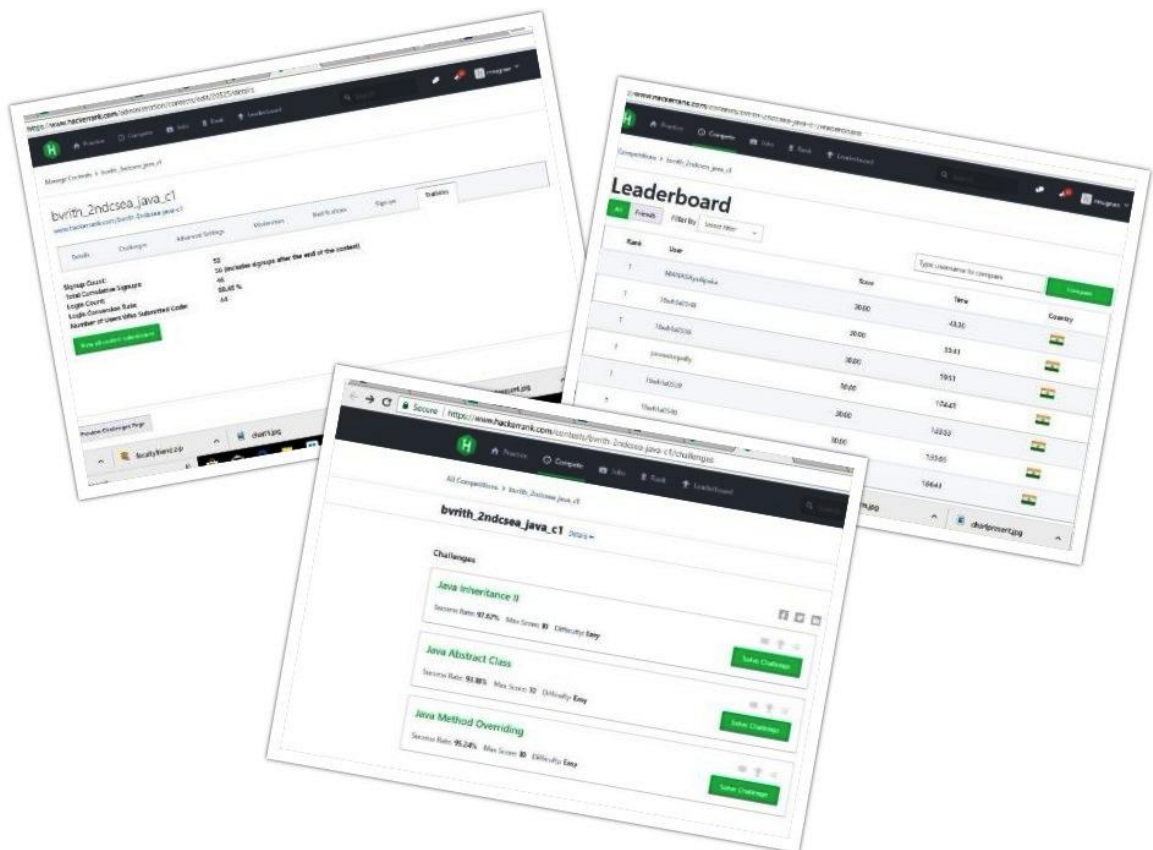
Total No of Questions :3

Total No of Students Attempted :52

Total No of Students Submitted the Code:44

Top 3 Students:

Rank	Roll Number	Marks	Duration
1	16WH1A0547	30	43.36
2	16WH1A0548	30	55.41
3	16WH1A0556	30	59.51





**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Presentations

Subject Name: Data Warehousing and Data Mining

Faculty Name: Ms.D. Swapna & E G Padmavati

Topic: Apriori Algorithm FP growth Algorithm K-Means Algorithm Data Warehouse Schema Design
Data preprocessing Techniques OLAP operations

Date of Conduction: 24th October & 1st November' 2017

Class / Year / Semester: IV CSE – A &B/ 2017-18 / I Sem



Subject Name: Data Warehousing and Data Mining

Activity: Presentations

Topic: Apriori Algorithm FP growth Algorithm K-Means Algorithm Data Warehouse Schema Design

Data preprocessing Techniques OLAP operations

Date: 24th October & 1st November' 2017

No. of Teams: 10

Preparation / Prerequisites:

Students are instructed on 20th October, 2017 to form a team of 10 students (Sec A&B) and give a topic from the complete syllabus. Further, they are asked to come prepared with the topic and give a presentation in class on the day of activity (24th October & 1st November 2017). Topics are briefly discussed in class prior.

Rules Executed

Team size : 10 Students

Time for presentation: 15-20 min

Place : Classroom



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Charts Preparation

Subject Name: Data Warehousing and Data Mining

Faculty Name: D. Swapna & E G Padmavati

Topic: Introduction to Data Mining, Association Algorithms

Date of Conduction: 20th August, 2017

Class / Year / Semester: IV CSE – A&B / 2017-18 / I Sem



Subject Name: Data Warehousing and Data Mining

Activity: Charts Preparation

Topic : Introduction to Data Mining, Association Algorithms

Date: 20th August, 2017

No. of Teams: 2

Preparation / Prerequisites:

Students are instructed on 10st August,2017 to form a team of 8-10 students (Sec A) and choose topic of their own choice from (syllabus covered till that day). Further, they are asked to come with proper material / information on the day of activity (20th August, 2017) . Basic information provided in the class.

Rules Executed

Team size :8-10 Students

Teams may have same topic.

Time for preparation for Mind Map : 1 hour

Place of execution : Classroom

Every team should explain the topic through chart.

BVRIT Hyderabad College of Engg for Women
Department of Computer Science & Engineering
Library Journals For Seminar Ideation
SEMINAR : Faculty Incharge - Dr. Tilottama Goswami
II- CSE-B

Need to refer to technical magazines/Journals available in the BVRITH library for getting the seminar ideation.

The ideation should be about recent technical advancements in computer science regarding techniques, algorithms, application tools, etc.

The document format is attached for your convenience, which contains the following

1. Title :
Student Name:
Student Roll Number:
Department:
College:

2. In your abstract, mention the research area of the seminar topic -
Image Processing/ Computer Vision/ AI / Big Data Analytics/ Security / IOT/ etc..

3. Mention application domain such as
agriculture/finance/space/surveillance/etc., ie. where it is used?

4. Use the reference of the article/magazine details in the abstract.

5. Abstract Length : 200 words (write in your own words) **USE OF GOOGLE SHEET FOR AVOIDING DUPLICATE IDEATION AND EFFECTIVE COMMUNICATION WITH INSTRUCTOR**

S.No.	Hall Ticket No	Name of the Student	Seminar Title	Comments	Accepted/Rejected	Students Communication
1	16WH1A0561	AFSHA NOWSHEEN	Robotics (Try this)	Review2. Add a sheet in your roll number as mentioned and submit the abstract	Accepted	Plagiarism removed, Meet the faculty
2	16WH1A0562	ANNALADASU DEHBHORA				
3	16WH1A0563	BELLAMKONDA LASYA PRIYA	A wireless communication	No Title mentioned, One para abstract, Reference not correct	Accepted	
4	16WH1A0564	BHEEMANAPALLI AISHWARYA	Components of IOT (Try This)	IOT is DUPLICATE, so better focus on components of IOT	Accepted	
5	16WH1A0565	BODDU GEETA SAI	Image Processing and Computer Vision	Do not put anyone's seminar as reference. Write in your own words	Accepted	
6	16WH1A0566	BUKKASAMUDR AM AKHILA REDDY				
7	16WH1A0567	D R SHRIYA	Cloud Computing Components (Try This)	Plagiarism, Meet the Faculty	Rejected	
8	16WH1A0568	ESLAVATH SREE LAHARI				
9	16WH1A0569	B RUKMINI REDDY	Computer Science Journals (Try This)	Focus on top rated journals in the various fields of computer science and not on one science news.	Accepted	
10	16WH1A0570	G SRAVYA		IOT is DUPLICATE. Plagiarism, Meet the Faculty	Rejected	
11	16WH1A0571	GANTALA PRANATHI				
12	16WH1A0572	BHUPATHI RAJU BHAVYANJALI	Smart City Implementation Models Based on IoT Technology	Check the title, do not have same as the reference, abstract 1 para	Accepted	
13	16WH1A0573	GOLLA YASHASWINI				
14	16WH1A0574	HIMA SRI BUSSA	Cloud Computing (Try this)	Plagiarism, Meet the Faculty	Rejected	
15	16WH1A0575	BUDDHARAJU POOJA				
16	16WH1A0576	JALLA SRAVANISANDHYA				
17	16WH1A0577	KADIGALLA VANI				
18	16WH1A0578	DATLA SRAVYA SRI	Web Security Issues (try this)	Plagiarism, Meet the Faculty	Rejected	
19	16WH1A0579	KALWAKURTHY SAHITHI CHANDRA		Plagiarism, Meet the Faculty	Rejected	
20	16WH1A0580	KATAM YOGITHA GOUD	Evolution of IOT (Try this title)	Make the abstract as one para	Accepted	

21	16WH1A0581	DEVARAPALLI SAI MEGHANA REDDY	Kitchen Revolution	Domain- AI, Application : Kitchen technology, Write the abstract in your own words	Accepted 89		
22	16WH1A0582	KAZA HEMA SREYA	Data Mining and Data Analytics	Make the abstract as one para. Write in your own words	Accepted		
23	16WH1A0583	KONDAPALLI PRATHYUSHA	Natural Image Processing (NLP) Try this	References missing, AI is DUPLICATE,so focus on NLP as mentioned in the abstract	Accepted		
24	16WH1A0584	J N VENNELA					
25	16WH1A0585	LINGAPALLI PRASANNA		Plagiarism, Meet the Faculty	Rejected		
26	16WH1A0587	JAKKULA SIRI AKANKSHA		Plagiarism, Meet the Faculty No Domain, No Title is mentioned	Rejected		
27	16WH1A0588	M SUPRIYA					
28	16WH1A0590	KOVI NAVEENA	Biometrics	Make abstract as one paragraph. Write in your own words	Accepted		
29	16WH1A0591	MUDUGANTI SOWMYA	Internet of Things in Manufacturing Industries (Try This)	IOT is DUPLICATE,so better focus on one application of an IOT such as manufacturing	Accepted		
30	16WH1A0592	MUSTIALA ALEKHYA		Plagiarism,Meet the Faculty	Rejected		
31	16WH1A0593	MOVVA KRANTI	Data Analysis with R Language (Try this)	Data Mining and Analysis is DUPLICATE . try to focus on R language for data analysis	Accepted		
32	16WH1A0594	NAGARAJU SRAVANI PRAGNYA					
33	16WH1A0595	P MYTHREYE	Artificial Intelligence	Make abstract as one paragraph	Accepted, Verified		
34	16WH1A0596	SUSHMA PALLAVI RUDRARAJU	eHealth platform	Make abstract as one paragraph. Write in your own words	Accepted		
35	16WH1A0597	PAAMU SANDHYA RANI	Different image formats (Try This)	Duplicate in Image Processing. Plagiarism,Meet the Faculty. Try to focus on different image formats, their compression factor, applications	Rejected		
36	16WH1A0598	PAPPU MANI MADHURI					
37	16WH1A0599	SANGAM VAISHNAVI	Artificial Intelligence	Write the abstract in your own words, Do not copy exactly	Accepted		
38	16WH1A05A0	PRASA RAJESWARI					
39	16WH1A05A1	SEETHAKA SUPRIYA	IOT for Health Care	Focus on the devices used in IOT for health. Abstract doesnot mention it, plagiarized, read the article, mention few examples	Accepted		
40	16WH1A05A2	SAYYAPARAJU TEJASWI					
41	16WH1A05A3	PATIL POOJA	Machine Learning	You can also mention different types of algorithms in ML	Accepted	Duplicate topic with CO. Have different contents	
42	16WH1A05A4	PEDDIRAJULA YAMINI		Plagiarism,Meet the Faculty	Rejected		
S.No.	Hall Ticket No	Name of the Student	Seminar Title	Comments	Accepted/ Rejected		
43	16WH1A05A5	SIDDANA KRISHNA LEKHYA	Computer Vision Applications	Focus on recognition and classification applications in computer vision	Accepted		
44	16WH1A05A6	PENMATCHA RAMA	Fundamental steps of Image Processing (Try this)	Abstract is having a lot of information. Just focus on these - Image acquisition, Image Enhancement, Image Segmentation, Image Compression	Accepted		

45	16WH1A05A7	RAMAVATH VINEETHA		Plagiarism,Meet the Faculty	Rejected		
46	16WH1A05A8	YASHASWINI PRIYANKA VEDULA	Artificial Intelligence in Speech Processing (TRY THIS)	DUPLICATE IN AI, so focus on AI in Speech- Meet the faculty and confirm the topic	Accepted	Met the faculty	
47	16WH1A05A9	REDDIBATTULA SRADDHA	Remote Sensing Applications (Try this)	Plagiarism,Meet the Faculty	Rejected		
48	16WH1A05B0	REDDIPALLI SHREYA	Wireless Communications	Check Research Area and Domain	Accepted		
49	16WH1A05B1	YELLA SUBHADRA RANGASWAMY	Try some computer science related technologies	Plagiarism,Meet the Faculty	Rejected		
50	16WH1A05B2	SANJANA DINTAKURTY	Multimedia cloud transmission (Try This)	Abstract is plagaiarised. Write in your own words	Accepted		
51	16WH1A05B3	SHIVARATHRI LAVANYA		Plagiarism,Meet the Faculty. Try some computer science related technologies	Rejected		
52	16WH1A05B4	SIVA NAGA DEEPIKA VEMURI	The Blue Brain Project	References in missing	Accepted		
53	16WH1A05B5	SNIGDHA KASARAGADDA	Robot Assistant	Check the title,do not have same as the reference, abstract 1 para	Accepted		
54	16WH1A05B6	THIRUMALA REDDY MANISHA REDDY	Mobile Cloud Computing Environment	Check the title,do not have same as the reference, Research Area , Domain not mentioned	Accepted		
55	16WH1A05B7	THUMMALACHE RUVU V S PRASANNA		Plagiarism,Meet the Faculty	Rejected	<p>Contacted Faculty. Sorry.. it s duplicate, But you can focus on medical imaging as mentioned in your abstract.</p> <p>Suggestion:</p> <p>Download this white paper on Medical Imaging and its future. Reference: http://www.ti.com/lit/wp/slyy020/slyy020.pdf</p> <p>Just compile the important points in the abstract - 200 words: 1 PARAGRAPH only</p>	<p>http://viewpoints.io/entry/practical-iot-advanced-analytics-for-medical-imaging You can try this site too</p>
56	16WH1A05B8	V MANJULATHA	Human Wearables (Try This)	Plagiarism,Meet the Faculty	Rejected		
57	16WH1A05B9	VELLORE HEMANTH SRUTHI	Green Internet of Things	Check the title,do not have same as the reference, abstract 1 para	Accepted		
58	16WH1A05C0	YERRAPOTHU VAISSHNAVI	Machine Learning	Plagiarism,Meet the Faculty, Claro	Accepted. Caution	Duplicate topic with A3. Have different contents	
59	17WH5A0503	RAYABARAPU HEMALATHA		Try some computer science related technologies	Rejected		
60	17WH5A0504	KOLUKURI SARIKA REDDY	Application Domains of IOT	Make abstract as one paragraph. Write in your own words	Accepted		
61	17WH5A0505	UPPARI SHIVARANI	Artificial intelligence	Make abstract as one paragraph. Write in your own words	Accepted		
62	17WH5A0506	R.SAIPRIYANKA					

2017-18, Sem I, Class II B CSE, 13 July 2017

Faculty : Dr. Tilottama Goswami, Associate Professor,

Dept of CSE, BVRIT Hyderabad

MFCS ACTIVITY TEST

1. Define proposition . Give 2 examples each of a **valid** proposition and an **invalid one**. Justify your answer [3].

2. Write in brief (Give examples) [8m].
 - a) Semantic paradox b) Connectives
 - c) Truth table d) Well formed formula(mention rules).

3. Proofs
 - a) DeMorgan's Law b) Distribution Law
 - c) Absorption Law d) $p \text{ implies } q = \text{negation } p \text{ or } q$

2017-18, Sem I, Class II B CSE, 3 August 2017

**Faculty : Dr. Tilottama Goswami, Associate Professor,
Dept of CSE, BVRIT Hyderabad**

MFCS ACTIVITY TEST

Q.1. Given $(P \wedge Q \wedge R) \vee (P \wedge Q \wedge \text{not } R) \vee (\text{not } P \wedge Q \wedge R) \vee (\text{not } P \wedge \text{not } Q \wedge R)$

- a) What is this form called? Give two names. [2M]
- b) How can you represent this in compact form. [1M]
- c) What equivalent statement formula can be obtained using principle of duality? Give its compact representation form and its names. [5M]

Q.2. Write the formula and prove the conclusion can be logically derived from the premises using truth table. [8M]
[any two]

- a) Disjunctive Syllogism
- b) Modus Tollens
- c) Modus Ponens
- d) Hypothetical Syllogism

Q.3. Simplify and name the rules used. Rules of Inference format.

- a) $E \rightarrow P, P \rightarrow Q$ [2M]
- b) $E \rightarrow H, A \rightarrow \text{not } H$ [2M]
- c) $E \rightarrow \text{not } A, E \wedge A$ [2M]



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Open Book Activity

Subject Name: Design Pattern

Faculty Name: Dr. Tilottama Goswami

Topic: STUDY AND CONTRAST the Creational Patterns – Abstract Factory
Method, Factory

Method

Date of Conduction: 13th October, 2017

Class / Year / Semester: IV CSE – B / 2017-18 / I Sem

Preparation / Prerequisites:

Creational Patterns Topics are briefly discussed in class prior. Students carried Text book

Design Patterns: Elements of Reusable Object Oriented Software, by Erich Gamma, John

Vlissides, Ralph Johnson, and Richard Helm and Reference Book:Head First Design Patterns, Elisabeth Freeman. Case Studies were given in the class and they referred the books to write pseudocode. Later they implemented in Java as their class assignment. This activity served as prerequisite to the coding at later stage.

Rules Executed

Team size : Individual Activity

Time for presentation: 50 min

Head First Design Patterns, Elisabeth Freeman



Place :

Classroom



Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women

Name of the Activity: Mind Map

Subject Name: Data Base Management Systems

Faculty Name: MS. A.Aruna Jyothi

Topic: All units

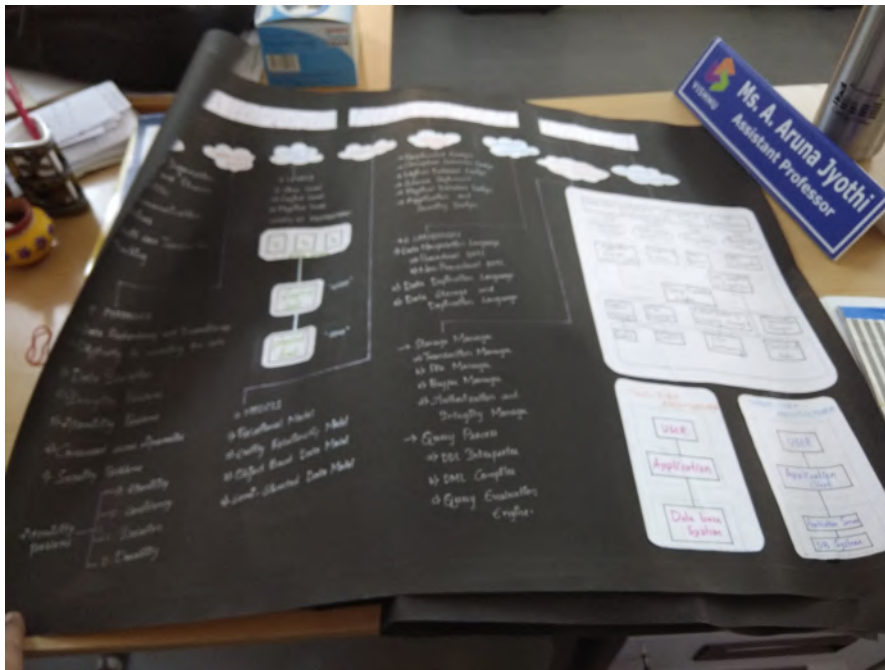
Date of Conduction: 14th March 2017

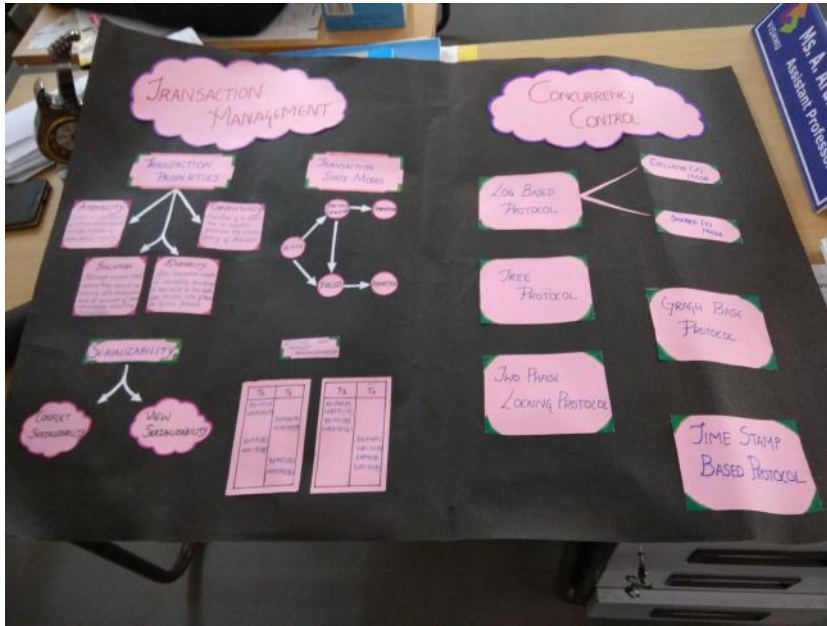
Class / Year / Semester: II CSE / 2017-18 / II Sem

Brief Write-up : Students are asked to form teams and each team came with a mind map for a unit.

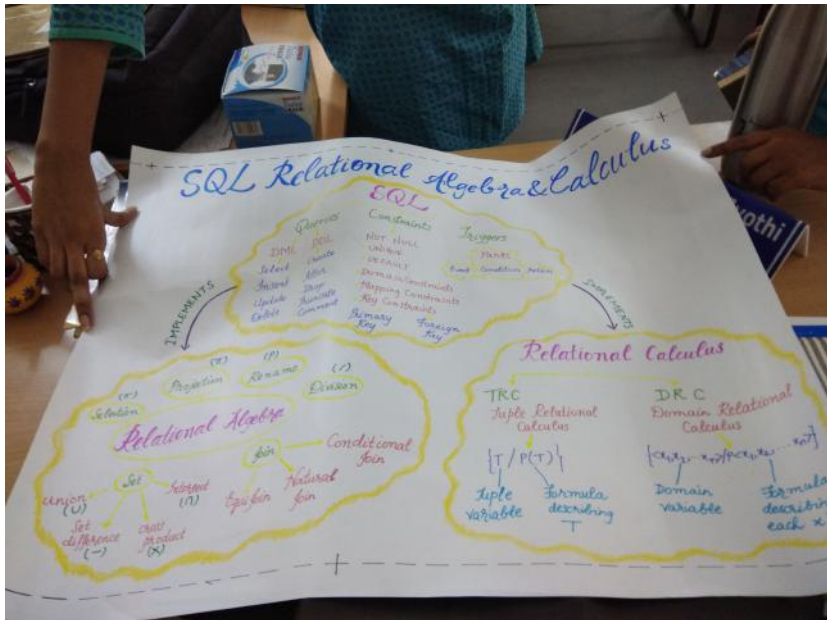
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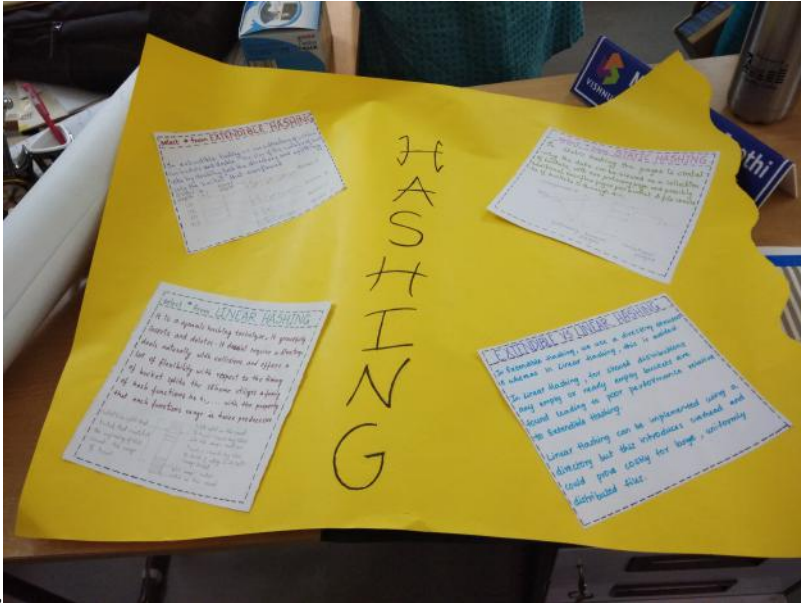
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Information Security

Activity: Charts

Topic: Charts Preparation on given topics and Real time Risks of New Technology and Security – Date: 26th Feb 2018

No. of Teams: 6

Subject Name: Information Security

Faculty Name: MS. G. E Padmavati

Class / Year / Semester: III CSE / 2015-19 / II SEM

Topic:

1. Information Security Standards
2. Network Model & CIA Triad
3. Security Attacks
4. Public Key Cryptography/ MAC
5. Kerberos / Deffi Hellman
6. RSA / Federated Identity Scenario
7. Risks in using Present Technology Gadgets
8. Awareness/ providing Security for personal account/gadgets
9. Types of VIRUS and ATTACKS



Preparation / Prerequisites:

Announced the topic in the class on 26thFeb 2018. Students are asked to come with proper material / information. Basic information provided in the class

Rules Executed

Formed the teams randomly and given 10 minutes of time to present their charts on given topic
Same Topic should not be repeated by the successive teams

Team should response fast.

No discussions among the team members once the presentation starts.

Team 1	Team 2	Team 3	Team 4	Team 5
Sai Harika Prathi	Sathpute Sailekha	Anusha Mantripragada	Vennamaneni Pooja	Vegeesna Prajna
Malawat Nikhitha	Yetukuri Khyathi	Irru Jahnavi	Bishe Bhagya Lakshmi	Marikonda Jyothi
Jhashita Alluri	Aakanksha Shastri	Ekkelli Priyanka	B Radhika Sriharsha	Vangala Priyanka Reddy
Dudekula Karishma	Nadiminti Tejaswi	Gottumukkala Mounika	Bathula Divya Sri	Shravani Vadlamudi
Jyothsna Rathod	Kavya M	Gangishetty Nandini	Bolgam Padmini Aishwarya	M Nikitha
Bandari Lakshmi Priya	Maddala Srividya	Nasreen Begam	Daggumati Meghana	B Venkata Deepika
Geya Bagam	Kuthadi Avanthika	Sai Meghana Kalidindi	Vadlamudi Bhagawathi	Dornala Navya Sree
Jyothula Sumedha	Parakala Jaya Sindhu	Javvaji Likhitha	Shama Tehseen	Chetna Varma
P Architha Subrahmanyam	Sanikommu Susmitha	Shabana Parveen	Mukku Sai Prathyusha	Koneru Suhitha
Rentala Krishna Moukthika	I V Satya Sai Haneesha	Jaidi Preethi Reddy	Beebi Zainab Binthe Masood B	Kandi Swathi

Team 6
Sajjanapu Apoorwa
Ethadi Bharathi
Baswa Sathvika Reddy
Vanga Niharika
Mallula Roshini
Vavilala Pavana Sai Mahathi
Goru Priyanka
Dontharaboina Manasa
Murkute Pooja
Thota Lalitha Naga Srivalli
Kaukuttla Sushma Reddy
Gandham Mythili



Department of Computer Science and Engineering
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Information Security

Activity: Puzzle Solving on Cryptography

Topic: Encoding and Decoding – Date: 29th Jan 2018

No. of Teams: 5

Subject Name: Information Security

Faculty Name: MS. G. E Padmavati

Topic: Encoding and Decoding to their friends and they have to solve the encrypted code.

Date of Conduction: 29/01/2018

Class / Year / Semester: III CSE / 2018-19 / II SEM



Preparation / Prerequisites:

Announced the topic in the class on 29th Jan 2018. Students are asked to come with proper material / information.
Basic information provided in the class.

Rules Executed

Formed the teams randomly and given 10 minutes of time to discuss among team members

Same Point should not be repeated by the successive teams

Same student should not discuss / present the point.

Team should response fast.

No discussions among the team members once the GD commenced

Different teams will initiate points first in different rounds (Conducted 10 rounds)



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Face Map

Subject Name: Software Testing Methodologies

Faculty Name: Ms. Parneet Kaur

Topic: Taxonomy of bugs

Date of Conduction: 3rd January, 2018

Class / Year / Semester: III CSE – A / 2017-18 / II Sem



Subject Name: Software Testing Methodologies

Activity: Face Map

Topic: Domain Testing – **Date:** 3rd January, 2018

No. of Teams: 6

Preparation / Prerequisites:

Students are instructed on 2nd January, 2018 to come with A4 sheets and sketch pens to make the placards of all categories of bugs in class on 3rd January, 2018.

Rules Executed

Team size : 4-9 students

Place of execution : Classroom and corridor.

Teams were made for each category of bug with a category name as leader. Further sub categories were a part of each main category. Each member should make the placard of the respective category/sub-category name and all members should stand depicting waterfall of all categories and sub-categories of the bugs.

Resulting, students can remember Taxonomy of Bugs mapped to the face of student holding.



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Class Activity Tests - Open Book Activity

Subject Name: Software Testing Methodologies

Faculty Name: Ms. Parneet Kaur

Topic: Domain Testing

Date of Conduction: 27th February, 2018

Class / Year / Semester: III CSE – A / 2017-18 / II Sem



Subject Name: Software Testing Methodologies
Activity: Class Activity Tests - Open Book Activity
Topic: Domain Testing – Date: 27th February, 2018
No. of Teams: 25

Preparation / Prerequisites:

Students are instructed on 25st February, 2018 to come with their books and an overview of Domain Testing for open book test on 27th February, 2018. The topic was well discussed in class prior.

Rules Executed

Team size : 2 students

Place of execution : Classroom

Every team should read and then write the answers in their notebook as per questions given in class.

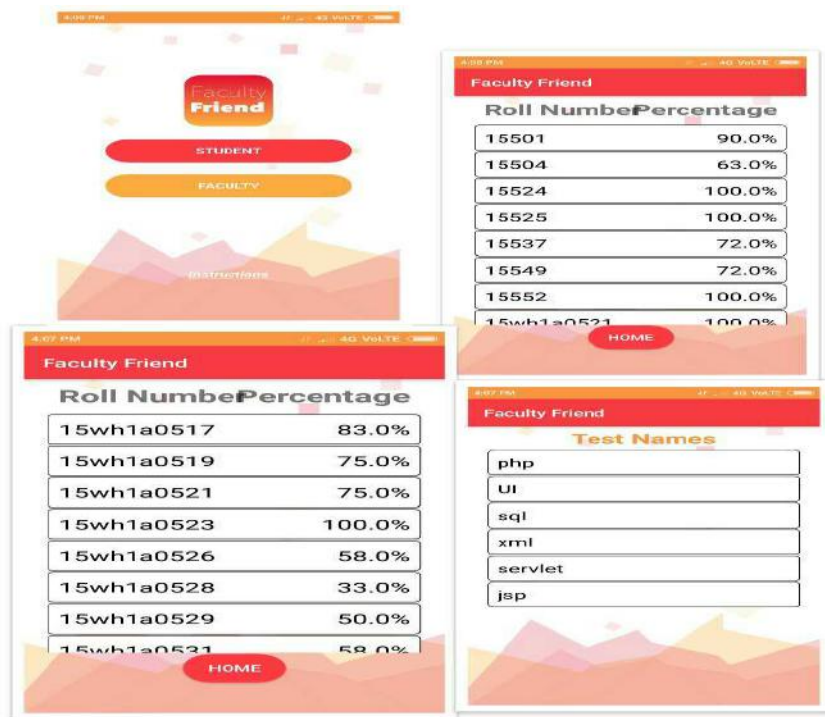


Department of Computer Science and Engineering
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Activity :Online Test through Mobile App(Faculty Friend App)
Topic :WT
Date :30.1.2018
Class :III CSE –A 2nd t Semester 2017-18

Total No of Questions :30
Total No of Students Attempted :58

Rank	Roll Number	% of Marks
1	15WH1A0523	100
2	15WH1A0517	83
3	15WH1A0519	75
3	15WH1A0521	75
3	15WH1A0526	58
3	15WH1A0528	33
3	15WH1A0549	72





**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Charts Preparation

Subject Name: Operating Systems

Faculty Name: Ms.D. Swapna

Topic: Operating Systems functionalities, Scheduling Algorithms, Memory Management Techniques, Case Studies

Date of Conduction: 16th March' 2018

Class / Year / Semester: IICSE – B / 2017-18 / II Sem



Subject Name: Operating Systems

Activity: Charts Preparation

Topic: Operating Systems functionalities, Scheduling Algorithms, Memory Management Techniques, Case Studies

Date of Conduction: 16th March' 2018

No. of Teams: 8

Preparation / Prerequisites:

Students are instructed on 1st March'2018 to form a team of 7-8 students (Sec B) and gave topic from complete syllabus. Further, they are asked to come with proper material / information on the day of activity (16th March' 2018) . Basic information provided in the class.

Rules Executed

Team size : 7-8 Students

Teams may have same topic.

Time for preparation for Chart : 2 hours

Place of execution : Classroom

Every team should explain the topic through chart.



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Quiz

Subject Name: Mathematical Foundations in Computer Science

Faculty Name: Dr. Tilottama Goswami

Topic: Mind-map of GRAPHS (MM-Graphs)

Date of Conduction: 13/07/2017

Class / Year / Semester: II CSE – B / 2017-18 / I Sem

Preparation / Prerequisites:

Students prepared for Proposition and Truth table generation as a part of homework and appeared for quiz competition

Rules Executed

Team size : Row Activity

Time for presentation: 30 min

Place : Classroom

I Quiz competition on Proposition

This set of Discrete Mathematics Multiple Choice Questions & Answers (MCQs) focuses on “Propositions”.

1. Which of the following statement is a proposition?

- a) Get me a glass of milkshake
- b) God bless you!
- c) What is the time now?
- d) The only odd prime number is 2

Answer: d

Explanation: Only this statement has got the truth value which is false.

2. The truth value of given statement is

‘ $4+3=7$ or 5 is not prime’.

- a) False
- b) True

Answer: b

Explanation: Compound statement with ‘or’ is true when either of the statement is true. Here the first part of statement is true, hence whole is true.

3. Which of the following option is true?

- a) If the Sun is a planet, elephants will fly

- b) $3 + 2 = 8$ if $5 - 2 = 7$
- c) $1 > 3$ and 3 is a positive integer
- d) $-2 > 3$ or 3 is a negative integer

Answer: a

Explanation: Hypothesis is false, thus the whole statement is true.

4. What is the value of x after this statement, assuming initial value of x is 5?
'If x equals to one then $x=x+2$ else $x=0$ '.

- a) 1
- b) 3
- c) 0
- d) 2

Answer: c

Explanation: If condition is false so value decided according to else condition.

5. Let P: I am in Bangalore. , Q: I love cricket. ; then $q \rightarrow p$ (q implies p) is:

- a) If I love cricket then I am in Bangalore
- b) If I am in Bangalore then I love cricket
- c) I am not in Bangalore
- d) I love cricket

Answer: a

Explanation: Q is hypothesis and P is conclusion. So the compound statement will be if hypothesis then conclusion.

6. Let P: If Sahil bowls, Saurabh hits a century. , Q: If Raju bowls , Sahil gets out on first ball. Now if P is true and Q is false then which of the following can be true?

- a) Raju bowled and Sahil got out on first ball
- b) Raju did not bowled
- c) Sahil bowled and Saurabh hits a century
- d) Sahil bowled and Saurabh got out

Answer: c

Explanation: Either hypothesis should be false or both (hypothesis and conclusion) should be true.

7. The truth value of given statement is

'If 9 is prime then 3 is even'.

- a) False
- b) True

Answer: b

Explanation: The first part of statement is false, hence whole is true.

8. Let P: I am in Delhi. , Q: Delhi is clean. ; then $q \wedge p$ (q and p) is:

- a) Delhi is clean and I am in Delhi
- b) Delhi is not clean or I am in Delhi

c) I am in Delhi and Delhi is not clean

d) Delhi is clean but I am in Mumbai

Answer: a

Explanation: Connector should be 'and', that is q and p.

9. Let P: This is a great website, Q: You should not come back here.

Then 'This is a great website and you should come back here.' is best represented by:

a) $\sim P \vee \sim Q$

b) $P \wedge \sim Q$

c) $P \vee Q$

d) $P \wedge Q$

Answer: b

Explanation: The second part of statement is negated, hence negation operator is used.

10. Let P: We should be honest., Q: We should be dedicated .,R: We should be overconfident.

Then 'We should be honest or dedicated but not overconfident.' is best represented by:

a) $\sim P \vee \sim Q \vee R$

b) $P \wedge \sim Q \wedge R$

c) $P \vee Q \wedge R$

d) $P \vee Q \wedge \sim R$

Answer: d

Explanation: The third part of statement is negated, hence negation operator is used, for ('or' - \vee) is used and for('but'- \wedge).

II) Contest on generating Truth Tables for 4 connectives

Students from each row of the class were asked to come in group of 2 and generate the truth table for basic boolean algebra



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Chart Preparation

Subject Name: OOAD

Faculty Name: Dr. Tilottama Goswami

Topic: State Chart Diagram

Date of Conduction: 12 March 2018

Class / Year / Semester: III CSE – B / 2017-18 / II Sem

Preparation / Prerequisites:

Students are instructed to form a team of students who had doubts in the particular topic. The mentoring was done by the instructor. Further, they are asked to come prepared with the chart activity in class on the day of activity.

Rules Executed

Team size : 4 Students

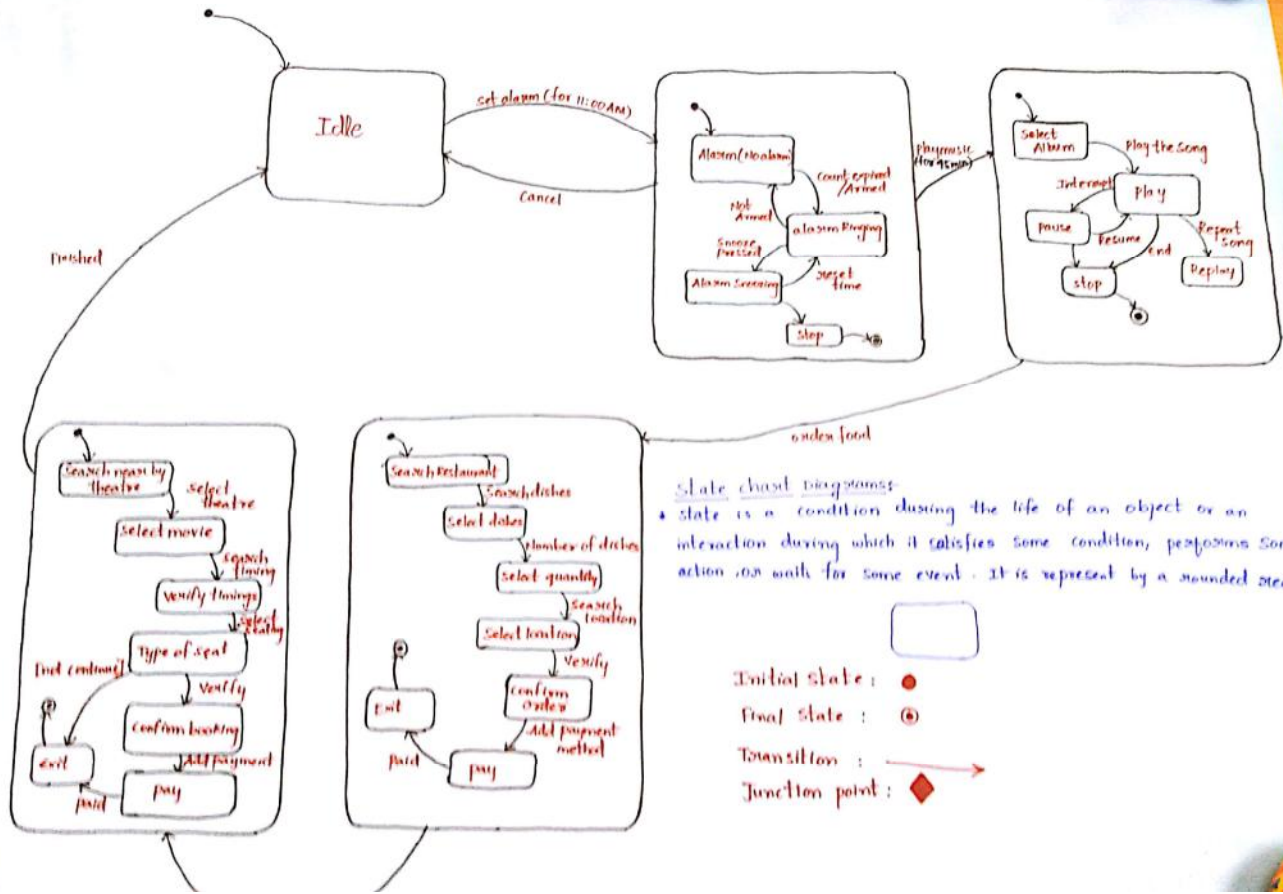
Time for presentation: 50 min

Place : Classroom

Chart Preparation for CaseStudy: State Chart Diagram for GoogleHome

Group Activity by students: 15WH1A0598, 15WH1A0573, 15WH1A0570, 15WH1A0592

State Machine Diagram for Google Home.



State chart diagrams:

state is a condition during the life of an object or an interaction during which it satisfies some condition, performs some action, or waits for some event. It is represented by a rounded rectangle.



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Chart Preparation

Subject Name: OOAD

Faculty Name: Dr. Tilottama Goswami

Topic: Activity Diagram

Date of Conduction: 22 March 2018

Class / Year / Semester: III CSE – B / 2017-18 / II Sem

Preparation / Prerequisites:

Students are instructed to form a team of students who had doubts in the particular topic, activity diagram. The mentoring was done by the instructor. Further, they are asked to come prepared with the chart activity in class on the day of activity.

Rules Executed

Team size : 5 Students

Time for presentation: 50 min

Place : Classroom

Chart Preparation for CaseStudy: Activity Diagram

Group Activity by students: 15WH1A0595, 15WH1A0588, 15WH1A0571, 15WH1A05A5,
15WH1A0579

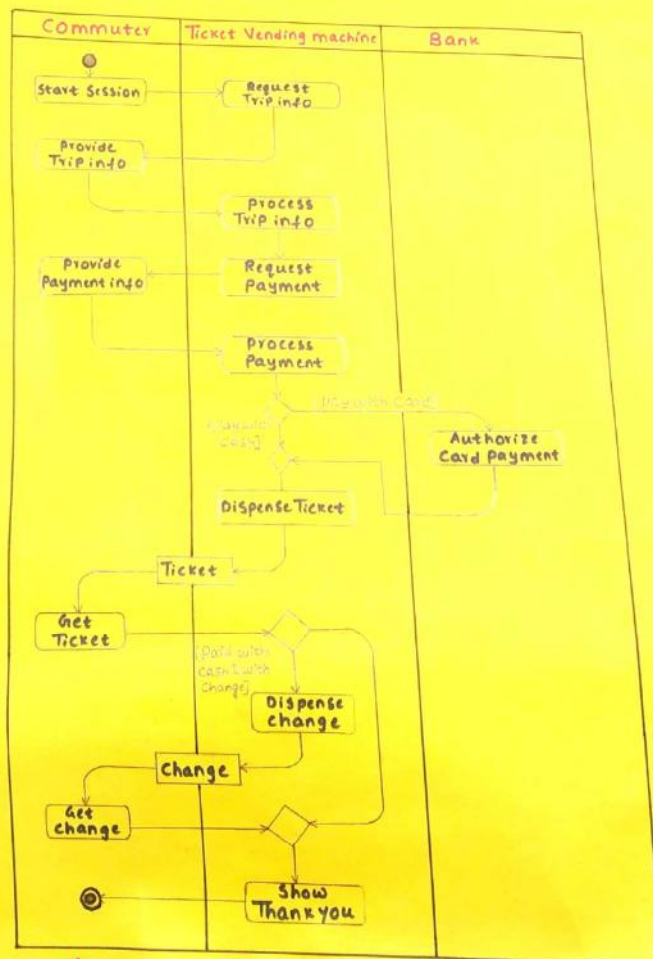
ACTIVITY DIAGRAM

Activity Diagram:-

- An activity diagram shows the flow from activity to activity. An activity is an ongoing non atomic execution within a state machine.
- Activities ultimately result in some action.
- Actions encompass calling another operation, sending a signal, creating or destroying an object or some pure computation, such as evaluating an expression.
- Graphically, an activity diagram is a collection of vertices and arcs.
- Activity diagram commonly contain
 1. Activity states and Action States
 2. Transitions
 3. Objects

Swimlanes:-

In the UML, each group is called a Swimlane because, visually, each group is divided from its neighbours by a vertical solid line. A Swimlane specifies a locus of activities.



SWIMLANES DIAGRAM FOR ONLINE TICKET BOOKING



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Face Map

Subject Name: OOAD

Faculty Name: Dr. Tilottama Goswami

Topic: Activity Diagram

Date of Conduction: 10 Jan 2018

Class / Year / Semester: III CSE – B / 2017-18 / II Sem

Preparation / Prerequisites:

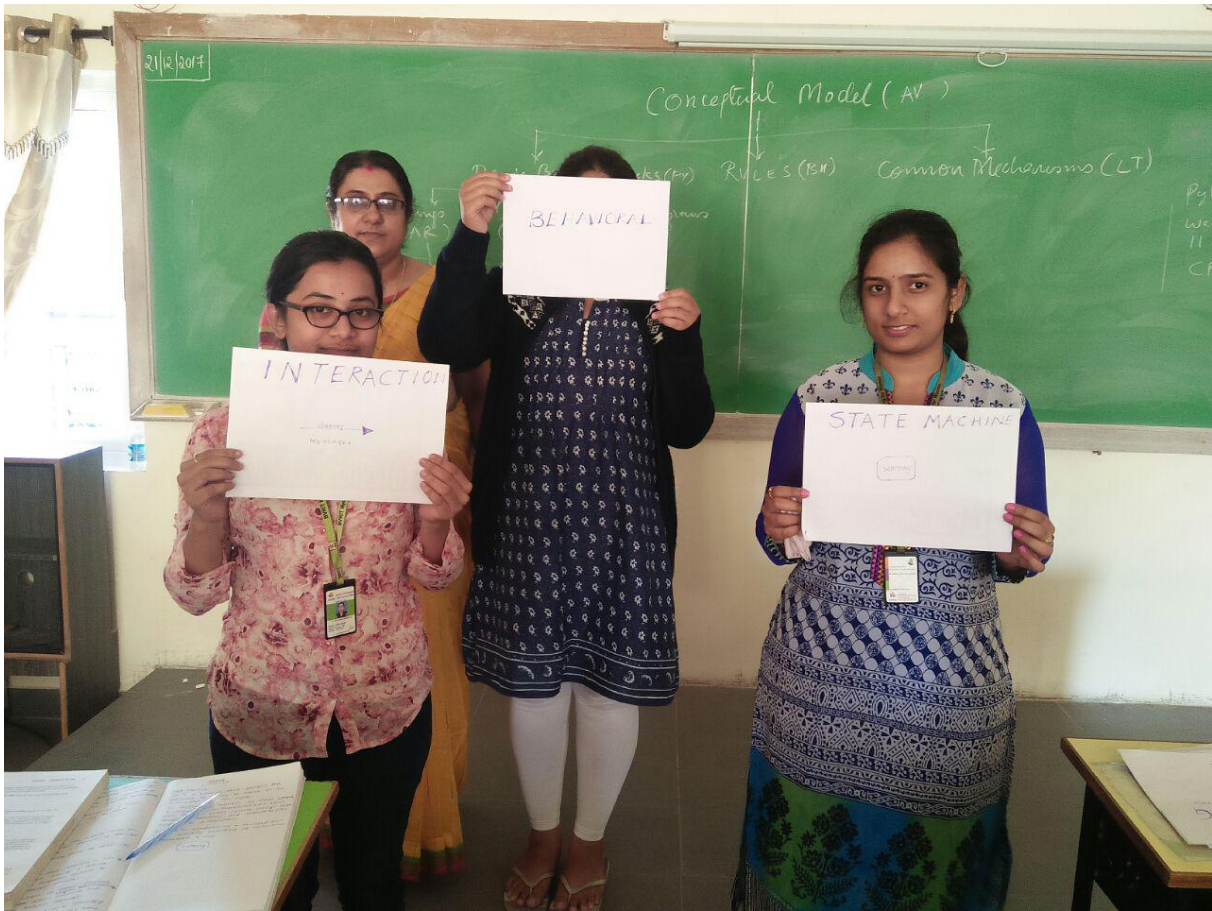
FaceMap : New Idea devised for memorizing any organizing chart. The class could memorize the hierarchical structure of the conceptual model of UML. The instructor came prepared with placards with the chart nodes on them and the UML diagram associated with it.

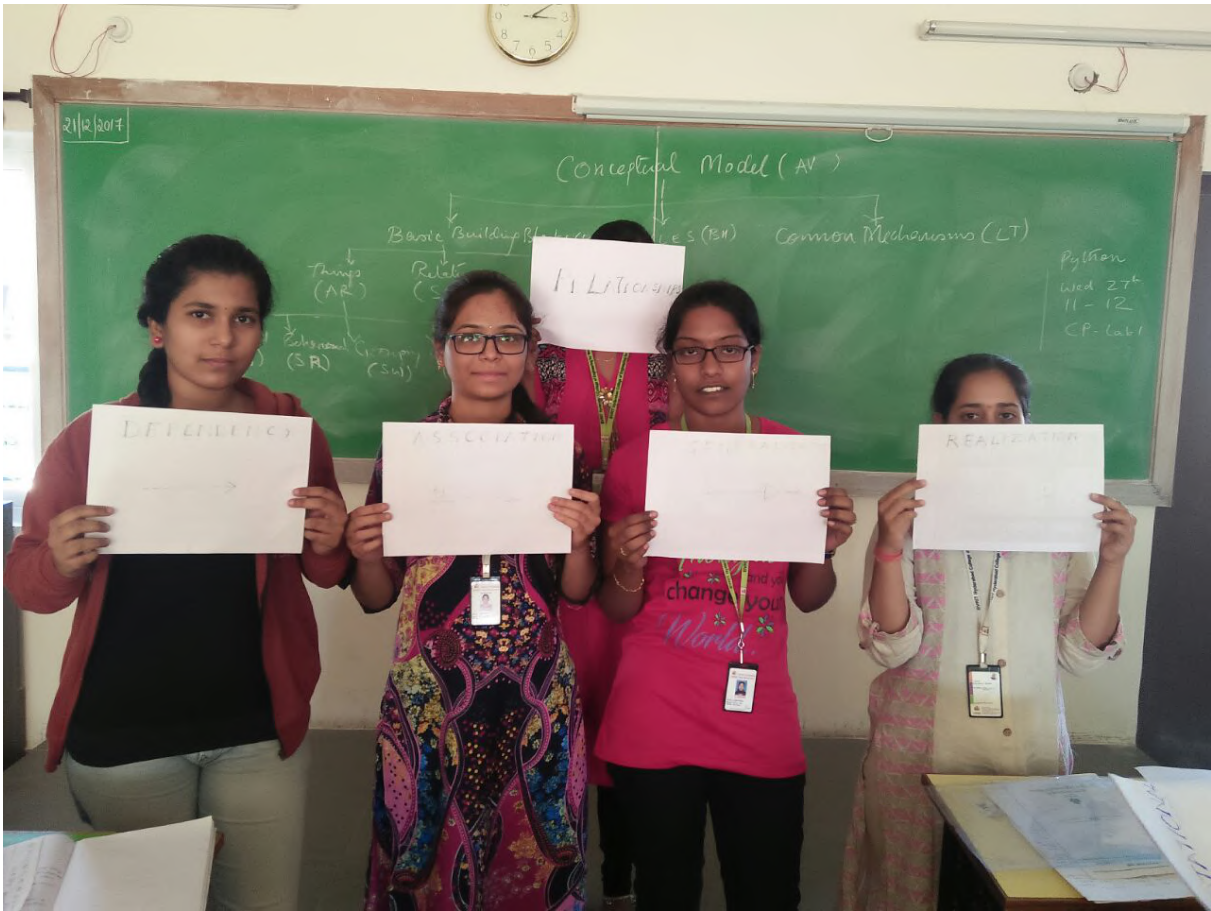
Rules Executed

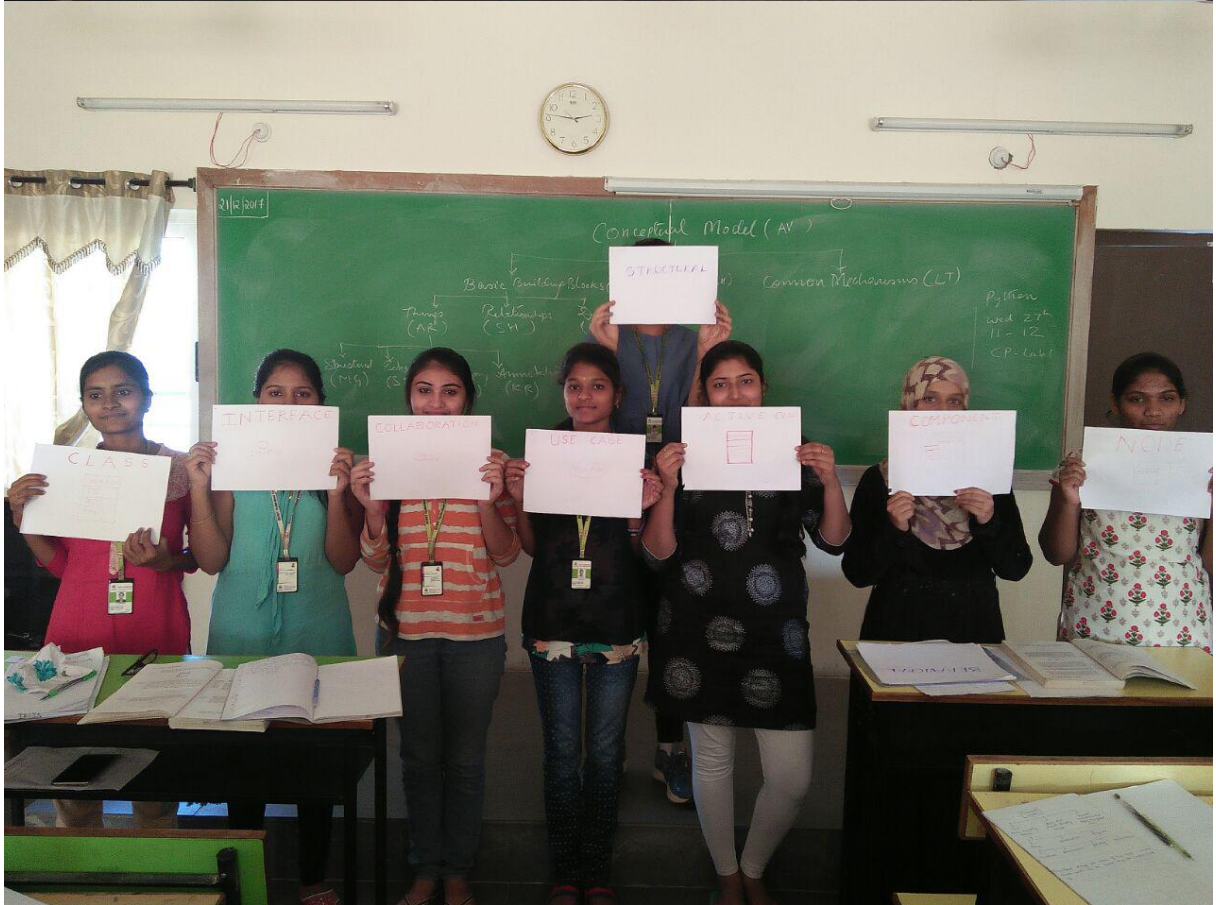
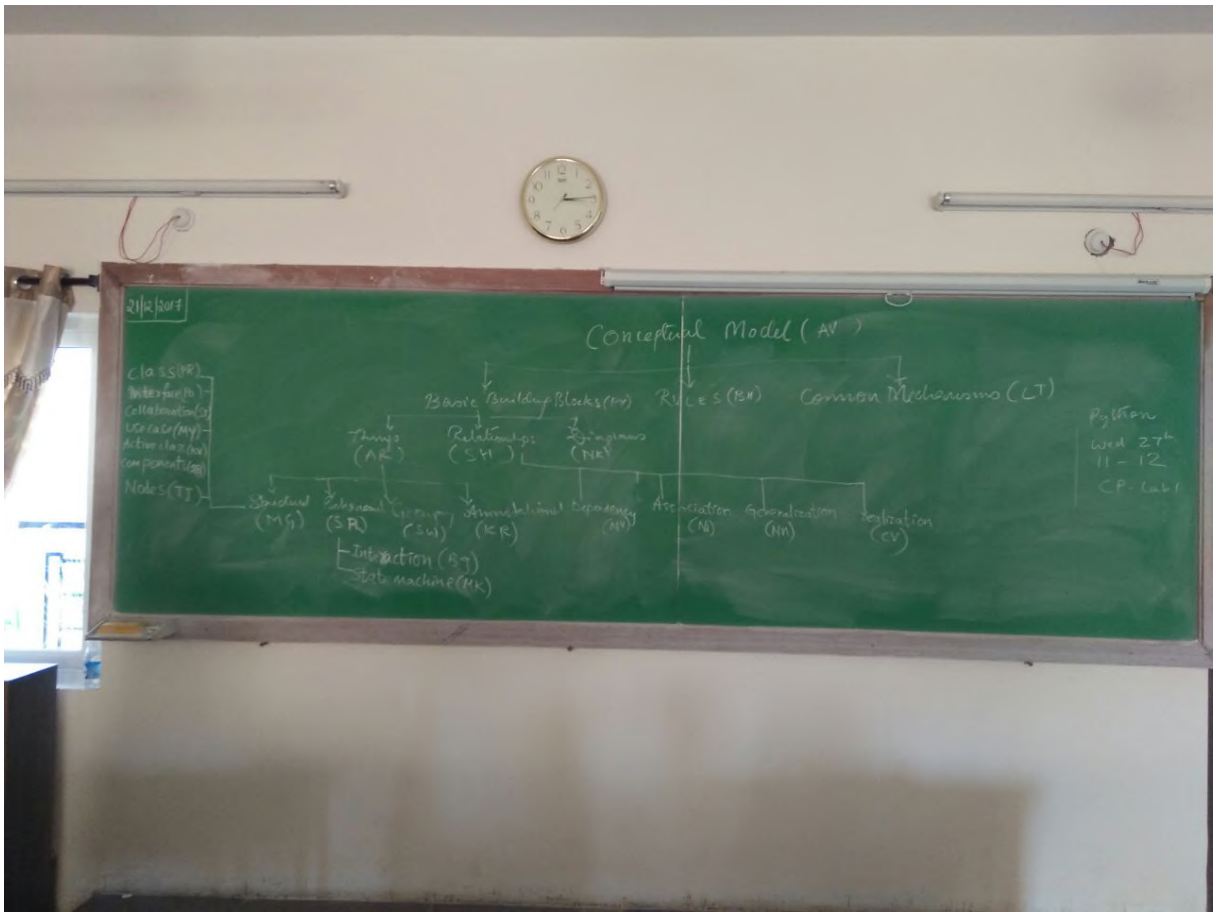
Team size : Individual Student

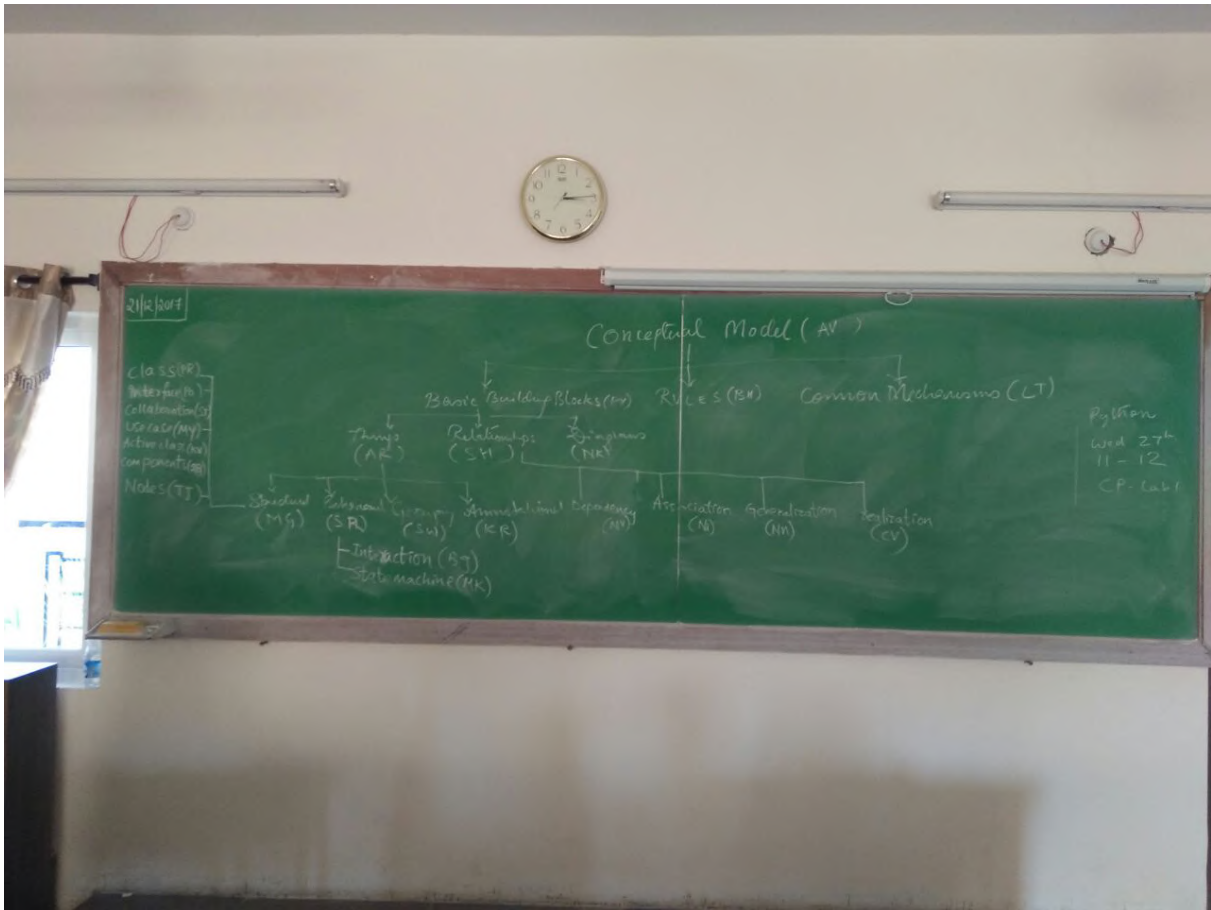
Time for presentation: 50 min

Place : Classroom









The 17 categories are then drawn in the blackboard by the students. They drew the chart correctly as they could recollect each category by associating it with their peer student's face. In one class the whole structure could be memorized by almost all students.



**Department of Computer Science and Engineering
BVRIT HYDERABAD College of Engineering for Women**

Name of the Activity: Summarization

Subject Name: OOAD

Faculty Name: Dr. Tilottama Goswami

Topic: Summarizing Forward and Reverse Engineering in UML Diagrams

Date of Conduction: 29 March 2018

Class / Year / Semester: III CSE – B / 2017-18 / II Sem

Preparation / Prerequisites: Forward and Reverse Engineering is present for all the types of UML Diagrams. In few cases Forward was not possible and in few cases reverse engineering is difficult. So the whole class were formed into groups and each group refered book and filled each possibility of forward and reverse engineering for every UML diagram, to summarize it at one place.

Rules Executed

Team size : Group of 5-6 students

Time for presentation: 50 min

Place : Classroom

S.No	Diagrams	Forward Engineering	Reverse Engineering
1.	Class Diagram	Possible(Target language,tools)	Possible
2.	Object Diagram	Possible(For Components and nodes only)	Possible

3.	Usecase Diagram	Possible(To Form Testing tools,Testing for flow of events & exceptions)	Difficult(much beyond the state of art,only can capture behavior seeing the implementation)
4.	Interaction Diagram (i)Sequence Diagram (ii)Collaboration Diagram	Possible(Context is operation)	Possible(Context of code is the body of operation)
5.	Activity Diagram	Possible(Context is operation)	Possible(Context of code is the body of operation)
6.	Statechart Diagram	Possible(Context of the diagram is class)	Practically Not Possible(Tools have no capacity for abstraction)
7.	Component Diagram	Possible(Target tools,libraries,classes,executable)	Possible(Target tools,tagged values for version,difficult for libraries poorly documented)
8.	Deployment Diagram	Modest amount possible for visualization,tools.	Possible(Stereotyped nodes,target tools)

