

BVRIT HYDERABAD

College of Engineering for Women

(Approved by AICTE | Affiliated to JNTUH | Accredited by NAAC with Grade 'A' & NBA for CSE, ECE, EEE, & IT)
Bachupally, Hyderabad-090

Department of Computer Science & Engineering

Name of the Activity: Roll Play

Faculty Name: Ms. Poonam Lunawat

Class / Semester: II CSE A / II

Semester Academic Year: 2022-2023

Subject Name: Operating Systems

Topic: CPU Scheduling(FCFS,SJF, SRTF, Priprity-preemptive and Priority Non-Preemptive)

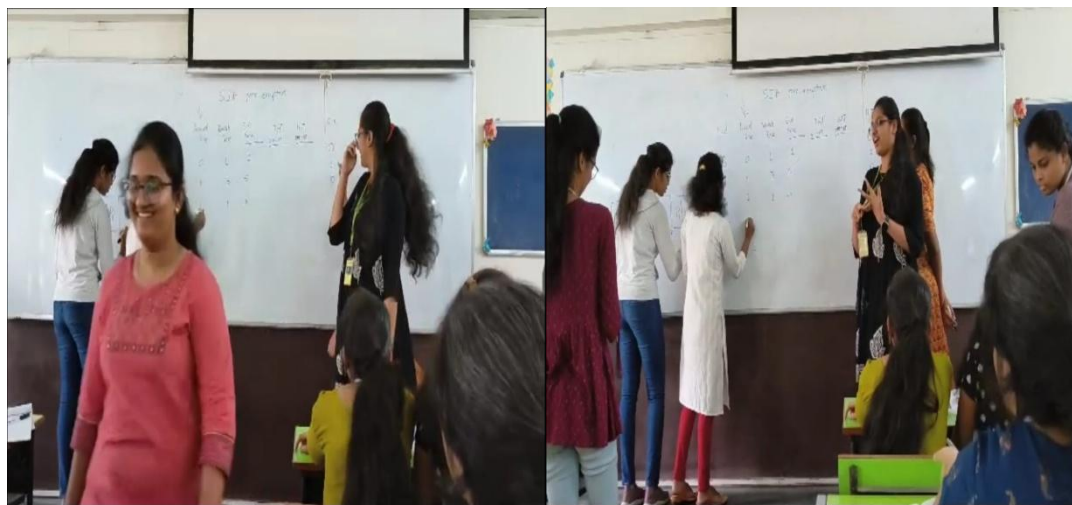
Brief Write-up (Not exceeding 200 Words)

Group of 10 students was created for each scheduling algorithm. Students acted as scheduler, dispatcher, processes, CPU. As per the algorithm criteria scheduler scheduled processes. Dispatcher allotted CPU to selected processes. In case of preemptive algorithms dispatcher preempted processes after the specific time interval. CPU used to perform processing(mentioning details on board), one student was plotting the Gantt chart and one helped in calculation of turnaround time and waiting time.

Objective:

To meet the understanding of various CPU scheduling algorithms .Also to understand the role of dispatcher and scheduler in CPU scheduling .

Photographs:





For any queries, please contact to below mail

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Department of Computer Science & Engineering

Name of the Activity: Live demonstration

Faculty Name: Dr. U.Chandrasekhar

Class / Semester: III - II Semester, CSE A

Academic Year: 2022-2023

Subject Name: Machine Learning

Topic: Gaussian Curve and central limit theorem

Brief Write-up (Not exceeding 200 Words)

Some statistical hypothesis tests assume that the data follow a bell curve. The students were practically made to see why natural data is always gaussian.

The class had 42 students. The gender, age group, and ethnicity are the same for the whole group. So it would be obvious that this sample would have a normal distribution w.r.t. height. We tested it by collecting data spontaneously from the students. After the height data was plotted, it gave a normal distribution, which surprised the whole class.

I also demonstrated other properties of a normal distribution, such as the proportion of values that fall within certain distances from the mean.

- The tallest and shortest girls were same distance from the class mean, which is 5' 3".
- The mean, median, and mode are all equal.
- Half of the population is less than the mean, and half is greater than the mean.

Objective:

Why is the Normal Distribution important?

To make students understand the importance of the gaussian curve in statistics and the central limit theorem.

Photographs:



S-No	Height	Sample	Count
1.	5.8	21	5.4
2	5	22	5.4
3	5.5	23	5.4
4	5.1	24	5.4
5	5.3	25	5.2
6	5.6	26	5.3
7	5.4	27	5.6
8	5.11	28	5.3
9	5.5	29	5.0
10	5.8	30	5.4
11	5.7	31	5.3
12	5.5	32	5.3
13	5.4	33	5.1
14	5.1	34	5.2
15	5.5	35	5.3
14	5	36	5.1
15	5.4	37	5.3
16	5.4	38	5.3
17	5.4	39	5.2
18	5.4	40	5.5
19	5.7	41	5.3
20	4.11	42	5.3
		43	5.2
		44	5.2
		45	5.3
		46	5.8

For any queries, please contact to below mail

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Name of the Activity: Presentations

Faculty Name: Ms.D Swapna

Class / Semester: III/II CSE-A

Academic Year: 2022-23

Subject Name: Compiler Design

Topic: Stack Allocation of space, Heap Management, Introduction to Garbage Collection and Trace based collection

Brief Write-up (Not exceeding 200 Words)

Students are instructed to form a team of 4-6 students and gave important topics from complete unit-4 syllabus. Further, they are asked to come prepared with the topic and give presentation in class on the day of activity (2nd & 3rd June 2023) . Topics are briefly discussed in class prior.

Team size : 4-6 Students

Time for presentation: 15-20 min

Place : Classroom

Objective:

Presentations are used as an effective form of peer learning and offer opportunities for developing skills and knowledge together.

This activity will improve presentation skills and teamwork among the students.

To understand the grasping level of students regarding concepts learnt.

Photographs:



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Department of Computer Science & Engineering

Name of the Activity: Quiz

Faculty Name: Ms. Suparna Das

Class / Semester: III/II CSE-B

Academic Year: 2022-23

Subject Name: Scripting Language

Topic: Perl concepts

Brief Write-up (Not exceeding 200 Words)

Students are instructed to study unit-3 syllabus thoroughly. Further, they are asked to come prepared with the topics and attend a live quiz in class on the day of activity (28th April 2023). Topics are briefly discussed in class prior.

Team size : Individual

Time for Quiz: 30 mins

Place : Classroom

Objective:

Quiz is used as an effective form of understanding the topics in detail.

This activity will improve knowledge in each unit of the subject within the students.

To understand the grasping level of students regarding concepts learnt.

Photographs:

Perl scripting language Completed Live Dashboard Assign homework

Accuracy **55%**

Completion rate **94%**

Total Students **33**

Questions **30**

View quiz Flashcards 🗑️ 🖨️ ⬇️ Email all parents Share report

Participants Questions **Overview** Tags

Showing Best attempt Sort by: First name

Participant	Score	Points	Q1 62%	Q2 65%	Q3 81%	Q4 38%	Q5 65%	Q6 57%	Q7 49%	Q8 62%	Q9 57%	Q10 44%
TETALI VARSHITHA (18w...	25920	0	✓	✓	✓	✓	✗	✓	✗	✓	✗	✓
Shivani I	7920	0	✗	✓	✓	✗	✓	✗	✓	✓	✗	✗
ERLA HARITHA (18WH1A0...	9950	0	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
CHIGURUPATHI SHARO...	13310	0	✓	✓	✗	✗	✗	✓	✓	✗	✓	✓
CHALLA RATHNAKUMA...	12870	0	✓	✗	✓	✓	✓	✗	✓	✓	✗	✗

Question

1. Which of the following correctly describes Array data types in Perl?

Options

- A These are simple variables. They are preceded by a dollar sign (\$). ✗ 7 answered
- B These are ordered lists of scalars that you access with a numeric index which starts with 0. ✓ 23 answered
- C These are unordered sets of key/value pairs that you access using the keys as subscripts. ✗ 2 answered
- D None of the above. ✗ 2 answered

Correct 23 students

Incorrect 11 students

Unattempted 3 students

Multiple-choice 5 point 65% Accuracy 21s Avg. time Evaluate

Question

2. Which of the following variable context only happens inside quotes, or things that work like quotes?

Options

- A **Interpolative** ✓ 24 answered
- B **List** ✗ 4 answered
- C **Boolean** ✗ 4 answered
- D **Void** ✗ 2 answered

Correct 24 students

Incorrect 10 students

Unattempted 3 students

For any queries, please contact to below mail

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