

GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY :: NELLORE

Department of Computer Science and Engineering

Name of the Subject	Design Thinking (19A99304)	Class	IIB. Tech – I Sem
Faculty Name	Ms.N.Divya Sruthi	AY	2020-21
Regulation	R19	Batch	2019-23

Date: 24/08/2020

Assignment Teaching Methodology

Introduction:

Assignment must be simple and enable the students to complete it within the stipulated time. Assignment must avoid ambiguous, complex information and instructional structure. Objectives of the assignments must be clear and definite.

Objective of the activity:

Using the assignment method, the teacher creates an assignment with clear instructions, milestones, and grading criteria based on an outcome that students need to achieve. The teacher monitors and advises students as they work on the assignment and provides feedback that challenges students to improve.

Execution Plan:

In order to Execution plan for the Assignments, the teacher should mind the following steps / stages before assigning the work to the students.

- The assignment must be Lesson concerned and related with the text books and curriculum.
- The topic / unit of the assignment must be explained with the availability of resources.
- The core of the subject or unit must be clarified.
- The hard and difficult portions of the assignment need to be explained well.
- The topics / units irrelevant to the assignments must be defined very well.
- The questions and answers for the assignment provided to the learners must comprise the following:
- The questions must investigate the learners / students attitude.
- The questions need to express whether the students have gone through the entire questions and assignment instructions.
- The answers must be simple and smaller in nature.

- The questions must allocate space for diagrammatic illustrations by the students
- The questions can provide experimental work and tools for the students.

Expected Outcomes:

- Provides opportunity in self learning for the students
- Better learning experiences will be gained when combined with other science teaching methods.
- Assignment provides sufficient flexibility in learning pace of the students. The slow learners too adapt with this method.
- Teachers' interruption is very much reduced and the students' active participation is encouraged.
- Teacher acts as a role of guide only.
- The students received a better training in the learning by doing method in this method.
- The information seeking and retrieval behaviour is developed among the students.
- It gives better understanding in scientific method and projects.
- It can provide space for the individuals learning attitude and their speed in learning process.

Enclosures:

- 1. Enclose the Assignments submitted by the students.
- 2. Enclose screen shots of Assignment activity.

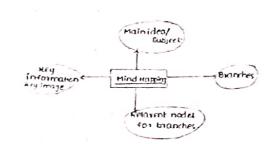
SWOT	Analysts:
* The	letters in the word swot explain the tollo-
wing	evords:
	strengths
	wearness
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	Threats
	technique offers you an advantage to know
the s	esergins, victorness, opportunities and threats
# WE C	an find the best solution to any problem
6y 6	nts technique
4 YOU	on come across new ideas with this
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Proces	5:
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	ing your strengths, wearness, oppositualities
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tden	d a second
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Mind mapping:-

Mauranisai Siharanisai

- . It is a graphical technique connection between ami-
- . It is also used in brainstroming for the project planning, pictorm solving and note making.
- . This is the area where you get to build a bild go between ideal and relationships
- . You can start with writing down what goals and rhawanger that need to be worked out.
- · we can approach to the participant to think about any futur at preent
- · without any ideation tack we can implement mid mapping with a penali and paper in hand
- In implementing of diagramatic manner on Visual formal with more intrative representation Five characteristic that you need to know in the Hind Happing
- is the main idea /subject / central form can be sepre Sented in central image.
- s. The primary themes radiating of your central image cause branches.
- 3 you need to undustand the key image cor) need know the ausciated line.
- batch mount he low immediant one he remained



det destes into theoretion and swinstaming

- * Brainstoming is an activity that will help you one to generate more innovative Ideas.
- is the pictess of the acting of with new idea
- + Ideation is the case to design thinking
- The main aim of the Ideation stage is to use circuistry and innovation in order to develop solutions.
- + Idea generation techniques now a method trate encourages creating actions concentrating in techniques for divergent thinking.
- * Some of the important Idea generation technique

 Scompay scamper is an idea generation technique

 that utilizes oction verbs 95 stimuli.

 S-substitute C. Combine, A. Adapt,

M-Modify p-Pit E-Estminote , R-Reverse.

Delicementing - This process finances engendering a fage

thirdinapping - mindrapping is a graphical technique for imagining lancestions between various pieces of information as ideas.

Specific - Symmetrics is a process soring technique that course, traying process of the course of th