

KGISL INSTITUTE OF TECHNOLOGY

(Affiliated to ANNA University, Chennai and Approved by AICTE, New Delhi) Recognized by UGC, Accredited by NBA (B.Tech-IT)



KGiSL Campus, 365, Thudiyalur Road, Saravanampatti, Coimbatore – 641035

INTERNAL QUALITY ASSURANCE CELL (IQAC) Implementation details of Innovative Teaching Practices Year / Semester / Section: III/VI/ A Degree & Branch: B.E & CSE **Course Code: CS8602 Course Name: Compiler Design** Unit: IV **Topic: Storage Organization** Activity Chosen: Crossword Puzzle **Details of the Implementation:** A crossword puzzle on the topic "Storage Organization" was created based on the previous class discussion about the same topic. Individual Crossword puzzle sheets were distributed to each student. The students solved the puzzle in the first 15 minutes of the class. The puzzle sheets were collected and evaluated by other group members. Faculty records their proceedings and measures students' progress before and after implementation • **PO1 PO2** PO3 PO6 **PO8** PO9 PO10 **PO12** 3 2 1 1 1 1 1 1 Images / Screenshot of the practice Images / Screens hot of the practice Storage Allocation Storage Allocation id y n a m i 1 s t a o n Т ° C t 1 d space (fro for all data Benefit of the practice: Through Crossword puzzles, students will be able to select efficient storage allocation strategy suitable for a situation.



KGISL INSTITUTE OF TECHNOLOGY

(Affiliated to ANNA University, Chennai and Approved by AICTE, New Delhi) Recognized by UGC, Accredited by NBA (B.Tech-IT)



KGiSL Campus, 365, Thudiyalur Road, Saravanampatti, Coimbatore – 641035

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Implementation details of Innovative Teaching Practices

Year / Semester / Section:IV/VIII	Degree & Branch:B.E&CSE
Course Code:GE8076	Course Name: Professional Ethics in Engineering
Unit: II	Topic: Self-interest ,Customs and Religion,Uses of
Activity Chosen: Crossword Puzzle	Ethical Theories.

Details of the Implementation:

https://www.britannica.com/topic/crossword-puzzle

• Crossword puzzle, popular form of word puzzle.

- A crossword puzzle consists of a diagram, usually rectangular, divided into blank (white) and cancelled (black, shaded, or crosshatched) squares. This diagram is accompanied by two lists of numbered definitions or clues, one for the horizontal and the other for the vertical words, the numbers corresponding to identical numbers on the diagram. Into each of the blank squares of the diagram a certain letter of the alphabet is to be inserted, forming the words fitting the numbered definitions or clues. The words cross each other, or interlock, which gives the puzzle its name.
- The activity was conducted in a classroom for a duration of 20 minutes. The students were given a crossword puzzle of 10 questions in a paper. They have to think and provide the answers in the given puzzle. The students answered the questions as shown in figure 2, 3 and 4. Sample questions and answers were shown in figure 1.
- The answers for the wrong questions were discussed immediately to make them know the answer of all the questions.

PO PO6 PO7 P		PO8	8 PO9		9	PO10			PO12						
Relevance	3	3	3			1			1				3		
Imag		Images / Screenshot of the practice													
2. Littet ethical Brang 3. As par utiliteration 3 4	hfannad avertain courbaile on um ase hfatansad in [access]	un] asenida to others [charm] selegion auto [charm]		6 _{m.0}	E V F m 0 3 4 5 6 5 6 6 7 7 8 6 8 6 7 7 8 6 8 7 7 8 8 7 8 8 7 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	6 n 4 6 	4 6 1 1 4 3 9 9	h = 1	4 4 7		1	e 1 t			
	older staligion [dayn]				4 6 2	3				n d		5		-	

Benefit of the practice:

- Outcome attainment would have increased due to innovative practice over conventional practice
- From that we can find out that, most of the students had familiarity with the uses of Ethical Theories-Relating professional and ordinary morality.

Signature of Faculty Member

HOD



KGISL INSTITUTE OF TECHNOLOGY

(Affiliated to ANNA University, Chennai and Approved by AICTE, New Delhi) Recognized by UGC, Accredited by NBA (B.Tech-IT)



KGiSL Campus, 365, Thudiyalur Road, Saravanampatti, Coimbatore – 641035

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Implementation details of Innovative Teaching Practices

Year / Semester / Section: III/V/ A & B	Degree & Branch: B.E & CSE
Course Code: CS8501	Course Name: Theory of Computation
Unit: III Activity Chosen: Crossword Puzzle	Topic: Definition of the Pushdown Automata
Activity Chosen: Closswold Puzzle	

Details of the Implementation:

- A crossword puzzle on the topic "Pushdown Automata" was created based on the previous class discussion about the same topic.
- Individual Crossword puzzle sheets were distributed to each student.
- The students solved the puzzle in the first 15 minutes of the class.
- The puzzle sheets were collected and evaluated by other group members.
- Faculty records their proceedings and measures students' progress before and after implementation

РО	PO1	PO2	PO3	PO6	PO8	PO9	PO10	PO12		
Relevance	3	2	1	1	1	1	1		1	
Images / Screenshot of the practice							Images /	Screer	ns hot of the	<u>practice</u>
→_	a, Z a, A q0		€ }	b, A 6 6, Z Z q1		tabelle 4. theo about CFG 7. an a repres machin 11. the	e of the tree is d by start wern which talks s typical property of algorithm which is ented as turing the intermediate of finite is a matical model of	called 13. list w first out 14. the n output is each sta 15. gram single V Down 1. it is m	ping lemma is which has less thin associated with the same having non LHS sathematical f computer	3. CFG which exist two or more parse tree 5. detrained only to nghimeet variable 6. grammar is of the form A.—>BC, A.—>a 8. the grammar is of the form A.—>a ^a 9. detrained tree are: 10. detrained

PushDown Automata.