

Lesson Planning for the semester started w.e.f.....5th Jan, 2018.....

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- _____ Kirti Bhatia ___(AP)___

Department :- _____ CSE _____

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
JAN	6th (IS)	Foundational issues in intelligent systems, history of AI, Ai problems (2 weeks)	PPT	Assignment (3rd week)
		Hill climbing: best first- A * algorithm AO* algorithm- game tree, Min max algorithms, game playing- alpha beta pruning (2 weeks)	seminar	Test (4th week)
	2ND (CF) (M.Tech)	Overview of Data Processing, History of Computing, Computer Generations; Characteristics of Computer, Anatomy of Computer, Classification of Computers.	PPT	Assignment (3rd week)
		Introduction, Number Systems and its types, and inter-conversion of Number Systems; ASCII and EBCDIC codes	GD	Test (4th week)
FEB	6th (IS)	Knowledge representation issues, PL- logic programming, semantic nets- frame (2 weeks)	PPT	Assignment (3rd week)
		constraint propagation, representing knowledge using rules, RBD systems. (2 weeks)	seminar	Test (4th week)
	2ND (CF) (M.Tech)	Characteristics of memory systems, memory hierarchy, Types of Memory – RAM, ROM, etc.; Magnetic Disks, Magnetic Tapes	PPT	Assignment (3rd week)
		Introduction, Software Types, Language translators, System Utility Software, Application Software; Operating System	GD	Test (4th week)
MAR	6th (IS)	Reasoning under uncertainty, Baye’s probabilistic and Dempster shafer theory (2 weeks)	PPT	Assignment (3rd week)
		Heuristic methods, symbolic reasoning, Statistical reasoning, Fuzzy reasoning, (2 weeks)	seminar	Test (4th week)
	2ND (CF) (M.Tech)	Opening and Closing of documents, Text creation and Manipulation, Moving Around in a Document, Formatting of text, Table handling, Spell check,	PPT	Assignment (3rd week)
		Basics of Spreadsheet; Manipulation of cells, Formulas and Functions, Editing of Spread Sheet, Page setups, header and footer, printing of Spread Sheet	seminar	Test (4th week)
APR	6th (IS)	Planning, planning in situational calculus, representation, partial order planning (2 weeks)	PPT	Assignment (3rd week)
		Principles of NLP, RBS architecture, Expert systems, knowledge acquisition (2 weeks)	GD	Test (4th week)
	2ND (CF) (M.Tech)	Concept of Internet, Application of Internet, WWW, Web-sites and URLs, Search Engine, Using Electronic mails, Instant Messaging, Web Browsing software, Surfing the Internet	PPT	Assignment (3rd week)
		Data Analysis, Sports, Research, Education, Business, Medicines & Health Care, Weather Forecasting, Military	seminar	Test (4th week)

Signature of the teacher concerned with date

(Kirti Bhatia)

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Jan	6th (IS)	Week 1: Study of PROLOG	To be performed	
	6th (IS)	Week 2: Write a program to solve 8 queens problem	To be performed	
	6th (IS)	Week 3: Lab problem	Discussion	
	6th (IS)	Week 4: File Checking	File checking	
Feb	6th (IS)	Week 1: Solve any problem using depth first search	To be performed	
	6th (IS)	Week 2: Solve any problem using best first search	To be performed	
	6th (IS)	Week 3: Lab problem	Discussion	
	6th (IS)	Week 4: File Checking	File checking	
March	6th (IS)	Week 1: Solve 8-puzzle problem using best first search	To be performed	
	6th (IS)	Week 2: Solve Robot (traversal) problem using means End Analysis	To be performed	
	6th (IS)	Week 3: Lab problem	Discussion	
	6th (IS)	Week 4: File Checking	File checking	
April	6th (IS)	Week 1: Solve traveling salesman problem	To be performed	
	6th (IS)	Week 2: Lab problem	Discussion	
	6th (IS)	Week 3: File Checking	Discussion	
	6th (IS)	Week 4: Internal Via-voice	File checking	

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(Kirti Bhatia)