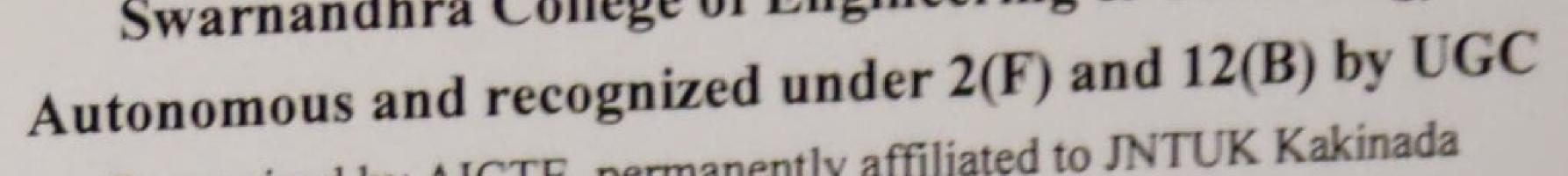
Swarnandhra College of Engineering & Technology



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Seetharamapurm, Narsapur – 530280 (Andhra Pradesh)

			1 1 1			
			problems	T1,T2,T3	2	
		1.9	Cryptarithmetic problem Missionaries and Cannibals	T1,T2,T3	1	
		1.10	problem	T1,T2,T3	1	
		1.11	Problem solving	Total	17	
			Problem solving N			
		2	Problem solving in		1	
	CO-2	2.1	Issues in the design of search program	T1,T2,T3	1	
		2.2	Search Strategies- Uninformed (BFS and DFS	T1,T2,T3	1	Chall
			Informed (Heuristic) - Local	T1,T2,T3		Chalk &
		2.3	Search Algorithms and		1	Board
			Generate-And-10st, 1111	T1,T2,T3	1	
		2.4		T1,T2,T3	2	Power point presentation
		2.5	Algorithm	T1,T2,T3	2	Assignment
		2.6	Problem Reduction, AO*Algorithm)	T1,T2,T3	1	
		2.7	Constraint Salisfaction Problems,	T1,T2,T3	1	Test
		2.8	Backtracking Search	T1,T2,T3	1	
		2.9	Game Playing - Optimal Decisions in Games -	T1,T2,T3	1	
		2.10	Minimax Search, Alpha - Beta Pruning		1	
			Stochastic Games	T1,T2,T3 Total	13	
		2.11				Chalk
			Knowledge Repres	T3,R1	1	&
	co-3	3	1 dea Representation	13,141		Board
III		2 2	Representing Simple 1 acts	13,101	1	Power point
			Predicate Logic First Order Predicate	T3,R1	1	presentations
		23	Logic(FOPL) Prolog Programming	T3,R1	1	Assignment
		3.4	Unification Forward Chaining, Backward	T3,R1	1	Test
		3.5	Chaining	T3,R1	1	1631
		3.6	Resolution Natural Deduction	T3,R1	1	



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			Ontological Engineering,	T3,R1	1	
		3.8	Categories and Objects		1	
		3.9	Events, Mental Events and Mental Objects	T3,R1	1	
		3.10	Reasoning Systems for Categories	T3,R1	1	
		3.11	Reasoning with Default Information	T3,R1	1	
				Total	11	
		4	Uncertain Knowledge and	nd Reasoning	3	F
		4.1	Introduction to Non- Monotonic Reasoning	T1,T2,T3	1	
			acting under Uncertainty	T1,T2,T3	1_	Chalk
		4.2	Basic Probability Notation	T1,T2,T3	1	Board Power point
IV	CO - 4	4.4	Inference Using Full Joint	T1,T2,T3	1	
		4.5	Distributions Bayes' Rule and Its Use,Independence	T1,T2,T3	1	presentation
		4.6	Representing Knowledge in	T1,T2,T3	1	Assignment
		4.7	an Uncertain Domain Probability and Bayes	T1,T2,T3	1	Test
			Theorem The Semantics of Bayesian	T1,T2,T3	1	
		4.8	Networks	Total	8	
			T. T. A. Hantions		18	Chalk
	CO - 5	5.1	AI Applications August Models	T1,T3,R1	1	- &
		5.2	Language Models Information Retrieval	T1,T3,R1	1	Board
		5.3	Information Retire to a Information Extraction	T1,T3,R1	1	
		5.4	Information Date	T1,T3,R1	1	n noint
		5.5	Expert Systems Natural Language Processing	T1,T3,R1	1	Power point presentations
V		5.6		1	1	presentations
		5.7	Machine Translation- Speech Recognition	T1,T3,R1	1	Assignment
		5.8	Robot-Hardwar, Perception ,Planning, Moving	T1,T3,R1	1	Test
			CUMULATIVE PROPOSEI	Total	07	

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ext Books						
S. No.	AUTHORS, BOOK TITLE, EDITION, PUBLISHER, YEAR OF PUBLICATION					
1	S. Russell and P. Norvig, "Artificial Intelligence: A Modern Approach, Prentice Hall, Third Edition, 2009.					
2	Saroj Kaushik, "Artificial Intelligence", Cengage Learning India, 2011					
3	Artificial Intelligence, Elaine Rich, Kevin Knight, Shiva Sankar B. Nair, The McGraw Hill publications, Third Edition, 2017.					
4	Bratko, —Prolog: Programming for Artificial Intelligence, Fourth edition, Addison-Wesley Educational Publishers Inc., 2011.					
eference	Books:					
S. No.	AUTHORS, BOOK TITLE, EDITION, PUBLISHER, YEAR OF PUBLICATION					
1	George F. Luger, Artificial Intelligence: Structures and Strategies for Complex Problem					
2	David Poole and Alan Mackworth, "Artificial Intelligence: Foundations for Computational Agents", Cambridge University Press 2010.					
Veb Detai	ls:					
1	https://nptel.ac.in/courses/106105077					
2	https://nptel.ac.in/courses/106106126					
3	https://aima.cs.berkeley.edu					
4	https://ai.berkeley,edu/project_overview.html					

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i.	Course Coordinator	Mr.M.N.V.L.Narayana	TW.
	Module Coordinator	Dr. RVVSV Prasad	Rusupiad
	Programme Coordinator	Dr. RVVSV Prasad	Dacapraso

Principal