			-	No.:
	Tatorial Space pr	2: to	understan rmulation	d state
	MAME -	Devan 9	P Shi	Inde
		B.E I.T		
	Roll Moin (1) subject in ISLAB			
3				
}	Dop	Doc.	Marks	sign

Tytorial 2 to understand state space
problem tormulation

Arm = To understand state space based

problem solving agent Algorithm

known in figure 3 shows first

for mulars youl and problem other

determines or rather searches an

action sequance after when It return

the hest action to be excuted in

sequancial manner

Function SIMPLE -PROBLEM SOLVING

AUETIT (Percent) returns an action

Static Segran action sequence impially

empty tale same decription of

the current world world goal

intially hull

problem aproblem for mulation

state E oppATE (STATE (State parcent))

if seg is empty them do

goal (FORMULATE - GOAL (State))

Problem (FORMULATE - PROBLEM (State))

seg (STARCH (Problem))

action (FORMULATE)

seg (REST (Seg))

return action

Figure 3 Problem Solving goent Amchitecture

+> +lavigate to kack workshop from Hol It cabin with minimerum number or more imare can be climbing or alighting staircase turning act walking etc. - and puzzle problem -The missionaries and cannibuls protem there are three missionaries and 3 cannibals who must cross a diver by boat carres two people. It others are missiornore present on the bank they don't vere the cannibels would eat the missionaries beat cant cross river itself with no person on - Two room raidm cleaner wort - majer Jag problem.