SVKM's Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College of Commerce & Economics (AUTONOMOUS)

Program: Bachelor of Science (Computer Science)		Semester: V	
Course: Computer Science Practical 11 (Based on Artificial Intelligence and Web Services)		Course Code: USMACSP512	
Teaching Scheme		Evaluation Scheme	
Practical (Hours per week)	Credit	Continuous Assessment (CA)	Semester End Examinations (SEE)
6	3	20%	80 %

List of Practical: Artificial Intelligence

Sr. No.	Topic
1	Write a program to implement Breadth first search algorithm for Romanian map problem
2	Write a program to implement Depth first search algorithm for Romanian map problem
3	Write a program to implement Iterative Deep Depth first search algorithm for Romanian map
4	Write a program to implement A* search algorithm for Romanian map
5	Write a program to implement recursive best-first search algorithm for Romanian map problem
6	Write a program to solve N-Queen problem
7	Write a program to implement Wumpus-world problem
8	Write a program to implement alpha beta search.
9	Write a program to solve Hill climbing problem.
10	Write a program to solve water jug problem

List of Practical: Web Services

Sr. No.	Topic.
1	Implement and consume a simple web service.
2	Develop client, which consumes web services developed in different platform.
3	To implement the operation to receive request and return a response in two ways. a) One - Way operation b) Request-Response.
4	Write a JAX-WS web service to perform the following operations. Define a Servlet/JSP that consumes the web service.
5	Define a web service method that returns the contents of a database in a JSON string. The contents should be displayed in a tabular format OR Using JSON Implement CRUD Operation.