



Fr. Conceicao Rodrigues College of Engineering Fr.
Agnel Ashram, Bandstand, Bandra (W), Mumbai -
400050

Department of Computer Engineering
Academic Term II: 23-24

Class: B.E (Computer), Sem – VI Subject Name: Artificial Intelligence Student

Name: Sumit Sanjay Rai

Roll No: 9570

Practical No:	9
Title:	Simple Prototype for expert system
Date of Performance:	01/03/2024
Date of Submission:	08/04/2024

Rubrics for Evaluation:

Sr. N o	Performance Indicator	Excellent	Good	Below Average	Marks
1	On time Completion & Submission (01)	01 (On Time)	NA	00 (Not on Time)	
2	Logic/Algorithm Complexity analysis (03)	03(Correct)	02(Partial)	01 (Tried)	
3	Coding Standards (03): Comments/indentation/Naming conventions Test Cases /Output	03(All used)	02 (Partial)	01 (rarely followed)	
4	Post Lab Assignment (03)	03(done well)	2 (Partially Correct)	1(submitted)	
Total					

Signature of the Teacher:

Post Lab Questions:

Q1] What are the applications of expert systems?

Name: Sumit Ganjay Rai
Roll no: 9570
Class: TE COMPS A.
PostLab: Experiment - 9.

Q. 1. What are the applications of expert system?

Ans. 1. Medical diagnosis: Expert systems can assist doctors in diagnosing diseases by analyzing patient symptoms and medical history.

2. Financial analysis: They can provide investment advice, risk assessment, and portfolio management based on market trends and economic indicators.

3. Customer support: Expert systems can be used in call centers to provide automated responses to customer inquiries and troubleshooting assistance.

4. Manufacturing: They can optimize production processes, monitor equipment performance, and detect faults to improve efficiency and reduce downtime.

5. Education: Expert systems can be used in e-learning platforms to provide personalized tutoring, feedback, and guidance to students.

6. Agriculture: They can offer recommendations for crop management, pest control, and soil analysis based on environmental factors and agricultural practices.

7. Legal services: Expert systems can assist lawyers in legal research, case analysis, and contract drafting by providing relevant information and precedent system.