



SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

Accredited by NAAC-UGC with 'A' Grade

**Approved by AICTE, Recognized by UGC & Affiliated to Anna
University, Chennai**

Department of Artificial Intelligence and Data Science

Course Name – Introduction to Artificial Intelligence

II Year / III Semester

Unit 5 Expert System and Application





Meta Knowledge

- Meta knowledge can be simply defined as knowledge about knowledge.
- Meta knowledge is knowledge about the use and control of domain knowledge in an expert system.



Roles in an Expert System

Three fundamental roles in building expert systems are:

1. Expert

- Successful ES systems depend on the experience and application of knowledge that the people can bring to it during its development. Large systems generally require multiple experts.

2. Knowledge engineer –

-This person should be able to elicit knowledge from the expert, gradually gaining an understanding of an area of expertise.

- Intelligence, tact, empathy, and proficiency in specific techniques of knowledge acquisition are all required of a knowledge engineer

3. User

- A system developed by an end user with a simple shell, is built rather quickly and inexpensively.