Name? Mangesh Khode Class; B. Tech VI Sem AUD: 217106004 Subject: AI Expert System:

Expert systems are knowledge based parograms which provide expert quality solution to the problems in specific domain of applications.

The core components of expert system are is knowledge base

(ii) navigational capability conference system (engine))
Generally its knowledge is extracted from human
experts in the domain of application by

Knowledge Engineer. - Often based on useful thumb suiles and experience

outher than absolute certainties.

A process of gothering knowledge from domain expert and codifying it according to the formalism is called knowledge enginearing.

characteristic of Es

i) High Performance ii) Understandable

ij Reliable

iv Highly susponsive

MyCIN: MYCIN was an early expect system that ausing severe infections, such as barterema and meningitis and to recommender antibiotics, with the dosage adjusted for partient's body themselves, as many antibiotics have the suffix "-mycin".

Myeiri was developed over five an six years in the early 1970s at standard University.

It was weitten in Lisp as the doctoral dessertation of Edward Shortliffe under the direction of Bouce Gr. Buchanan, Stanley

N. Cohen and others.

DART: D'agnostic Mssistance Reference Toal: DART is a joint project of the standard University and JBM that explanes the applications ortifical Intelligence techniques to the assistes diagnosis of computer faults. It assistes a technician in finding the faults in a computer lysten characterist & software in a computer lysten characterist & software). DART uses a device-independent language for describing dovices and device Independent Revence procedure for diagnosis. The paintag goal of the DART Project is to develop programs that corprire the special develop knowledge and diagonostic abilities

to these experts and to make them available constemetion of an automotod goal is the Camera of an automotod and disjoint construction of an automated diagnostician units capable of pin pointing the functional units arbitrary election arbitarary system configurations. of the most cited expert system. It was

developed by DEC ( Digital Equipment Corporation) and was a system that ensured the custome was supplied with all the components and softwere that was needed to make up the specified emputer system that they had ordered. This is not as easy as it sounds.

Building on bespoke computer System means that every system is different end as Such, needs different components and S/w.

RI was developed by DEC to design and onfigure VAX computers based on customer specification for the computer. The configuration would include the components including no. and type of distances no. of power supply units, cables, drivers of the configuration would dictate and the configuration would dictate where each of these componts would be where in the mainfeame's cabinol housed in the mainfeame's cabinet.