

## Chapter 7: Conclusions

### 7.1 Conclusions:

- i. The main objective of the present research was to identify the cognitive basis of Absolute Syntax . After investigation of the significant concepts and contributions in various sub-disciplines under cognitive science, it has been identified that cognitive scientists are far away to say anything decisively on the theory of mind. The main concern of Absolute Syntax research is to know how human mind thinks. But unfortunately, very little is known still today.
- ii. Ranganathan was very much inspired by Chomsky's deep structure. But at present Chomsky's theory has lost its attraction. Many famous cognitive scientists refuted Chomsky's innate ideas.
- iii. Whorfian hypothesis and linguistic relativity, on the whole, have reappeared in the field. Some FMRI, PET experiments have shown encouraging results for linguistic relativity.
- iv. Culture has Important role on Learning and Information Behavior. Neuroscience has proved that learning can change brain circuitry. Mirror neuron and Neuroplasticity are the recent hot topic among cognitive scientists.
- v. Classical logic can not solve uncertainty of IR systems. Quantum Information Retrieval may advance the domain. Absolute syntax , in its classical form ,also will not be able to handle that uncertainty part.

### 7.2 Limitations of the study:

The main limitation of this research is that , it is an individual effort. Ranganathan suggested that a team of researchers coming from different disciplines would take the responsibility for

research on absolute Syntax. It should be a team research in a big manner under the auspices of corporate bodies. The present researcher has just taken an initiative to start the process.

### **7.3 Further Research:**

The concept of Absolute Syntax has much potentialities , particularly in the context of digital information retrieval. In spite of tremendous growth of technology, very little is known about human mind. The following areas have been identified for further research.

- i. Quantum information retrieval.
- ii. IR systems for illiterate and neo-literate people.
- iii. Impact of Googlization on child cognition.
- iv. Three cultures and IR systems.
- v. Experimental research design for Absolute Syntax.
- vi. Absolute Syntax research is to be blended with quantum cognitive research.