

A VIEW OF MIND



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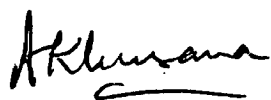
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CERTIFICATE

This is to certify that the thesis entitled "A View Of Mind" being submitted by Hari Shanker Sharma to the Indian Institute Of Technology, Delhi for the award of the degree of Doctor of Philosophy, is a record of bonafide research work carried out by him.

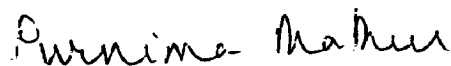
Hari Shanker Sharma has worked under our guidance and supervision and has fulfilled the requirement for the submission of this thesis, which to our knowledge, has reached the requisite standard.

The results contained in this thesis have not been submitted in part or in full, to any other University or Institute for the award of any degree or diploma.



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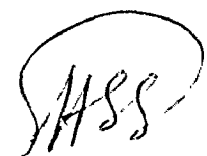
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I may also submit that I alone am responsible for all opinions, views and findings in this study and any errors and omissions are due to me only.


(H.S. SHARMA)

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ABSTRACT

Human beings are a social and thinking being. Human behaviour is the result of internal processes in the brain which are controlled by the Mind. This realisation has led to study of mind, initially in religion and philosophy, and, later in psychology, biology (neuroscience), holography, computer science, cognitive psychology etc. This has resulted in a number of theories and models of mind.

Indian philosophy considers mind as an instrument of knowledge and an element between senses and the soul. It is suggested that consciousness is an attribute of mind. Western philosophy and subsequent work by neuroscientists also support this view.

The present study is based on a review of existing literature and views on mind. The Analysis brings out that consciousness has various states (superconscious, conscious, subconscious and unconscious). These correspond to various states of mind. It also emerges that human beings have four main areas of activities (Perceptual, Cognitive, Memory and Motor) which are exhibited in various states of mind.

Brain comprises specific areas for various functions, control and coordination. On analogy this can be compared with hardware in a computer system. In a computer, software makes the hardware work as a system and perform various functions. 'Operating system' (Software) controls the hardware and acts as interface between the system and the user.

'Operating system' for a brain-like computer would have to be capable of handling all functions possible for such a hardware as well as generate new functions. Such Software is termed as 'Auto-regenerative Operating System' (AROS).

Based on an analysis of computer and nervous system, and, a robot and a human being, it is proposed that mind is the 'Auto-regenerative Operating System' (AROS) of the brain (Nervous System).

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