# **Major Project Report on**

## CONTEMPORARY PRACTICES AS CRITICAL SUCCESS FACTORS FOR HR WITH REFERENCE TO ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE

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# DECLARATION

I, Aastha Verma hereby declare that this assignment is my original work and is not copied from anyone/anywhere. The views expressed in this project are personal and not of the organization and this project is done as a detailed study under the course from strategy perspective only.

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## CERTIFICATE

This is to certify that the project entitled 'Contemporary practices as Critical Success factors for Human Resource Management with reference to Artificial Intelligence and Neuroscience' has been successfully completed by Aastha Verma – 2K16/EMBA/501

This is further certified that this project work is a record of bonafide work done by her under my guidance. The matter embodied in this report has not been submitted for award of any degree.

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Aastha Verma 2K16/EMBA/501

## ABSTRACT

Artificial Intelligence :AI, or interchangeably called as machine intelligence is the intelligence displayed by machines, in contrast to the natural intelligence displayed by humans and other living beings. In computer science AI is the study of "intelligent agents", any agent that perceives its environment and takes preventive or corrective actions that maximize its chance of achieving its goals.

Neuroscience : is the scientific study of the nervous system. It is a multidisciplinary branch of biologythat combines physiology, anatomy, molecular biology, developmental biology, cytology, mathematical modeling and psychology to understand the fundamental and emergent properties of neurons and neural circuits. The understanding of the biological basis of learning, memory, behavior, perception and consciousness has been defined as "the ultimate challenge of the biological sciences".

Cognition : the mental action or process of acquiring knowledge and understanding through thought, experience, and the senses defines the concept of Cognition. It encompasses processes such as attention, the formation of knowledge, memory, judgment, evaluation, reasoning, computation, problem solving and decision making. Cognitive processes use existing knowledge and generate new knowledge.

The scope of this report is to understand the role of Contemporary practices as Critical Success factors for Human Resource Management with reference to Artificial Intelligence and Neuroscience Automation, robotics and AI are advancing quickly in recent times. They are dramatically changing the nature and number of jobs available and the way we organize our work relations. The potential for digital platforms and AI to underpin and grow the world of work is unbounded. To understand the role of AI, it is useful to think of three levels of intelligent digitalization. It is Assisted Intelligence, Augmented Intelligence and Autonomous intelligence.

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