

Swami Vivekananda was a great and an exceptional monk. He was a disciple of the great saint, Ramakrishna. Swami Vivekananda learned and was disciplined by the saint. After his death in 1883, the Swami traveled to the western world to spread the Hindu influence. By introducing Vedic knowledge to the West(US), he enabled his own nation to realize the unique teachings of its ancient philosophers. So under the guidance of the saint and the visit to the west, he thought of closing the gaps between these two cultures. So he started studying the science of the western world which includes biology, and physical science. He used his Vedic knowledge to study and understand these sciences.

When the Swami traveled to the west he learned about many things which led him to many questions. He once wrote a letter to a friend stating that a physicist named Nikola Tesla can demonstrate that matter and force can be reduced in the form of energy. On the other hand, the Vedas are a collection of writings consisting of prayers, myths, and historical data, which date back to 5,000 years. Studying Sanskrit for a small time during the 70's, it occurred to Tesla that the use of Vedic vocabulary could provide a key to understanding his view of electromagnetism and the nature of the universe.

As stated in the first paragraph, his view on Biology is based on the theory of evolution. Since this theory was released in the 1900, it could not determine the relating matter and the requirement of space, time, matter, and energy. So the swami used his Vedanta knowledge and made up a hypothesis that these four are not only interrelated, but in the domain space and time; the matter and energy are interchangeable also. He even sent a letter to Tesla to make up a theory relating to energy and matter and their power of converting. When Tesla read the letter, he was impressed by the swami's explanation of the cosmology and the theory of the cycles believed by the Hindus. The mathematical proof of this theory came years later when Einstein published his paper of relativity and made up $E=mc^2$ and mentioned that matter is just potential energy.

On Darwin's theory of evolution, Darwin established that all species of life came down over time from a common ancestor and proposes the scientific theory that this pattern of evolution resulted from a process what he called natural selection. However, Swami Vivekananda did not agree with it in the his own knowledge on the subject. Swami knowledge on science shows us that the base for good scientific knowledge among the masses is proper education.

Swami Vivekananda was the first man who brought Vedic studies and religion to the west. After meeting the Swami and after studying the Eastern view of the mechanics, Tesla to study and use Sanskrit to understand many different things about our religion and culture. Swami was one of the first among Dharma teachers to understand the importance of science and technology. In the first place, Swami saw that poor countries like India would be able to overcome poverty and

come back by mastering technology. Swami Vivekananda was a very legendary monk who inspired us to study and understand the many true secrets of Vedic knowledge and other facts about Hinduism.