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Author: Dr. Ugur Guven
United States, drguven@live.com

Mr. Gurunadh Velidi
University of Petroleum and Energy Studies, India, guru.velidi@live.in

THE EFFECT OF WERNHER VON BRAUN AND SERGEI KOROLEV ON THE MODERN STATE
OF SPACE TECHNOLOGY

Abstract

It is a fact that today we enjoy various advancements in modern technology due to the advances made in space technology. We have achieved so many milestones and as a result, we have been able to go to the Moon. to explore the farthest reaches of the solar system with space probes and we continuously have coverage over Earth with thousands of satellites that are orbiting the Earth. However, we owe these mainly to the acts and deeds performed by Wernher von Braun and Sergei Korolev in their race for space. Almost all of the space technology that is existing today has been due to these giants of their time who during their race with each other caused the foundation of space technology to form. While the race to the Moon was the most important race, it was also very important for that race to fuel the research that went into it. Now we have the know how and the technology as well as the science behind the technology, but we owe it to them. This paper discusses the space race between them and examines the accomplishments of Wernher von Braun and Sergei Korolev and compares these accomplishments, so that space engineers of today can see and appreciate the importance of these accomplishments.