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STUDENT ROCKETS OF THE TECHNION IN THE 1960'S AND 1970'S

Abstract

The paper will portray the activities of rocketry as an educational and research tool at the Technion - Israel's Institute of Technology, in the 1970's.

from a modest beginning at the late 1960's, the faculty for aeronautics used to build student research rockets, as a hands-on project. The rockets became bigger and more sophisticated, and many new features were included - such as telemetry, avionics and multi-staging.

The rockets of the Technion were designed by faculty staff and students, and some assistance in the field of casting solid propellants was provided by the Israeli defense industries, and the military gave permission to use its test ranges.

The small rockets were a very humble beginning of Israel quest for space, culminating decades later, when Israel loft its satellite to space by its indigenous designed "Shavit" launch vehicle.

The paper is a second in a series of article by the author, tracking the research rockets projects conducted in Israel since the 1960's to the late 1990's and beyond.