

45th STUDENT CONFERENCE (E2)  
Educational Pico and Nano Satellites (4)

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DESING AND CONSTRUCTION OF EYECTION SYSTEM FOR CANSATS

**Abstract**

This work describe the design, construction and testing of a system for ejecting satellites CanSat type, for mounting on a solid-fuel rocket, uses a servo mechanism with a time delay it programmed depending on the mission, also offers data acquisition and sent it in real time to the ground station. This desing use a reusable technology without explosives, insted it use components available on the domestic market, developing new technology due to lack of these devices, providing expertise in manufacturing and design of these complex devices.