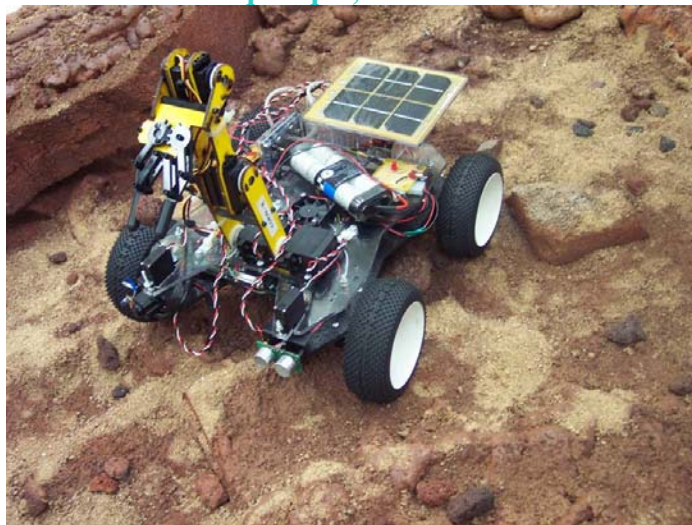


**The Third Tribal Colleges Engineering and
Engineering Technology Education Summer Institute
NASA-AIHEC Summer Research Experience (SRE) Program
Research Opportunities Program for Excellence (ROPE)
NSF ATE ASEET TCU Faculty Professional Development
Program**

NSF TCUP II Program

June 15 – July 25, 2009 - Southwestern Indian Polytechnic Institute (SIPI),
Albuquerque, New Mexico



Department of Advanced Technical Education

Southwestern Indian Polytechnic Institute

Salish Kootenai College

Dine College

Oglala Lakota College

Little Big Horn College

Dr. Nader Vadiee, SIPI engineering programs faculty/coordinator and Scott Askew, NASA electrical engineer, Software, Robotics, and Simulation Division, NASA Johnson Space Center, for the first time, hosted the largest group of engineering and engineering technology students from TCU's. A group of 16 tribal colleges engineering students (5 SIPI students, 5 students from SKC, 4 students from OLC, 1 from Dine , and 1 from LBHC) along with one mentor and three faculty members (1 from SIPI , 1 from SKC, and 1 from Dine') participated in a week-long, July 25-31, visit, tour of JSC facility, presentations, and robotics engineering workshops. SIPI and SKC students presented their Summer Research Experience projects during their visit to JSC. All students had already completed a five -week NASA-AIHEC Summer Research Experience Programs at SIPI or SKC.



Team A2 (SIPI, OLC, LBHC, and Dine students) with their Rock Crawler Rover.



SIPI team members are testing their Rock crawler rover platform on the NASA JSC Rock Yard.