

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
Space Culture – Public Engagement in Space through Culture (9)

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INITIATIVE FOR PROMOTING THE SPACE EDUCATION, AWARENESS AND TRAINING IN  
PAKISTAN – A CASE STUDY

**Abstract**

Space technologies and applications provide enormous benefits for the improving quality of human life. Every country can equally benefit by utilizing space for improving its socio economic development program. This paper describe the initiatives taken by Pakistan for promoting the education, awareness and training programs in the field of the space sciences, technologies and applications. In Pakistan, there has remained a log communication gap between the industry and academia. The linkage of the industry academia collaboration in the space related fields are very rare. Mostly public, academic and general masses are unaware about the enormous benefits provided by the space technologies and applications. Pakistan has felt a dire need of the promoting the space education and awareness in all public, academia government setup and has; both financially and socially, pursued a much focused outreach program aiming at bringing the awareness in the remote parts of the country. SUPARCO being the country's national space agency of the country has played a vital role in promoting space education and awareness program through collaboration and cooperation at both national and international levels. The initiatives taken include MS/PHD (in space studies) programs, student satellite activities, microgravity experiments, professional training, short training courses, on –job-trainings, celebration of the world space week, University laboratories support program, space curriculum development, summer / winter internship program, research project support, workshop, lectures, seminars, conferences, mobilization of space education bus, star gazing activities in the country. It is realized that space education, awareness and training in space science and technology and applications is indispensable and backbone for growth of economy of any country particularly for Pakistan and it can be enhanced through cooperation and collaboration in public and private sectors at national and international level for presenting Pakistan as a role model in the world for space awareness activities.