

BELT AND ROAD TEENAGER SPACE MAKER CAMP

Building Dreams in Talented Adolescents and Fostering Collaboration for Space Silk Road

CUBESAT CREATIVE DESIGN CONTEST

Introduction:

China Association of Science and Technology (CAST) and Ministry of Science and Technology, China, in collaboration with Ministry of Science and Technology, Pakistan, National Center of GIS and Space Applications, Institute of Space Technology, Pakistan Science Foundation, and ECO Science Foundation are organizing The Belt and Road Teenager Space Maker Camp.

Theme

The Space Maker Camp is focused to explore the paradigm of CubeSat technology and applications for the socio-economic development. Centering around the resolution of environmental issues, social issues and economic development issues that are of major concern to the international community, contestants are required to devise a CubeSat model with both appropriate functions and appealing look.

Age of Children:

Contestants can sign up as an individual or as a team. Each team shall have no more than three members, and there must be at least one instructor who shall be an ^[1]adult over 18 years old. The age of the contestant should be 12-18 years old.

Registrations are open at ncgsa.org.pk/space_maker_camp/

The Space Maker Camp would consist of following three phases:

• **Phase 1**

- a. The participants will develop a CubeSat according to the instructions and learning material available on the following link tinyurl.com/ymh5nvk6
- b. The Competition guidelines can be found on the following link tinyurl.com/ju5nj6x2 .
- c. Engineering-Notes- Template can be found on this link tinyurl.com/y6ra6npr
- d. The participants will also learn from the mentors and series of online lectures, conducted by NCGSA.
- e. Participants will finally will upload the video by Sunday, October 31, 2021.
- f. More details regarding Phase 1 is given on ncgsa.org.pk/space_maker_camp/

• **Phase 2**

- a. In the second phase of the camp, NCGSA will conduct an online quiz for selection of top 30 participants to participate in face to face all Pakistan Space Makers Camp to design, develop and launch the CubeSat.
- b. Teams will be developed and mentored by the experts

• **Phase 3**

- a. Face to Face competition will be held for design of satellites.