

TECHNICAL SOCIETY

ZENITH – ASTRONOMY SOCIETY OF DTU

REPORT 2017-2018

Zenith-The astronomy society of DTU is a non profitable framework whereby we seek cooperation among the student fraternity, professionals in this field and the diverse space bodies. Through the various events and workshops Organized by us we provide students who want to take up space disciplines as their careers or just find the field of astronomical observation fascinating with experiences that could expand their interest in theoretical cosmology and relevant physics and astronautics.

Following are the major events organised during the year gone by:

1. ASTROCAMP- GEMENID METEOR SHOWER

Team Zenith in collaboration with SciComm observed the Gemenid Meteor Shower 2017 at Damdama Lake. Our session of night sky watch of the meteors, spotting colored stars, various deep sky objects and Messier clusters, learning about constellations in detail was one of a kind experience, specially for the first timers. The VR session about the solar system and cosmic meditation session were truly enlightening.



2. MEGA HOVERCRAFT WORKSHOP

Zenith conducted a hovercraft building workshop in collaboration with Space Development Nexus - SDNx on 3rd and 4th February 2018 at DTU campus. Students from various colleges across NCR, in addition to a team from Ludhiana participated and built their own miniature hovercrafts.



3. TAARAMANDAL - Inflatable Planetarium

Taaramandal, a portable planetarium was set up by the Millennium India Education Foundation in collaboration with INNOVA DTU and Zenith - Astrosoc, DTU on 30 Jan'18. The event saw avid participation from astronomy enthusiasts.



4. Night Sky Observation, DTU

A Night sky observation at the DTU lake with over 60 participants from DTU and MAIT was organised in October. The team from Space Development Nexus - SDNx set up telescopes at the venue and showed Mars, Venus, Moon, the M-42, M-45, Andromeda and Spiral galaxies as the night progressed. It was a one of a kind experience and many of our participants were truly mesmerized.

