Following internship position to be appointed under the PMMMNMTT support for the TLC program.

**Position:**

TLC Summer Internship at ACE IUCAA to work at Radio Physics Laboratory IUCAA.

**Duration:** 02

Two months. Starting preferably on 10th June.

**Job description:**

1. The focus of this project will be to develop a data acquisition system (DAQ) using arduino and other microcontroller-based programming and electronic circuitry for use in astronomical instruments. These include the Affordable Small Radio Telescope (ASRT) and an optical photometer, which have been developed, and for other similar instruments/experiments to be developed in the future.

2. In this project, the objective will be to design and test an electronic filter operating at about 1420 MHz for use with the horn antenna which has been fabricated recently. The filter response will need to be optimized to match the system.

**Eligibility Criteria:** Third-year and final-year engineering students specializing in electronics/communication engineering/electrical engineering

**Essential:** Arduino programming, circuit designing and testing. An interest in astronomy and astrophysics is preferable.
**Remuneration:** Rs. 10000/- p.m. (all inclusive)

**Important dates:**

Date of walk-in interviews: 7th June 2019  Date of joining: 10th June 2019

Venue and Time: Report at IUCAA reception at 9:30 am

**How to apply:**

Interested candidates should come with a complete **curriculum vitae**, including a statement on why s/he is interested in this internship. For any enquiries please email ACE IUCAA (ace_info@iucaa.in) or Jameer Manur (jameer@iucaa.in). In email enquiries, please mention the subject as ‘**TLC Summer Internship 2019**’. 