

CENTER OF EXCELLENCE IN SPACE SCIENCES INDIA

ADMISSIONS 2016

ABOUT CESSI

The Center of Excellence in Space Sciences India (CESSI) is a multi-institutional Center of Excellence hosted by the Indian Institute of Science Education and Research (IISER) Kolkata and has been established by the Ministry of Human Resource Development, Government of India. CESSI is a unique national collaboration between affiliate faculty drawn from IISER Kolkata, IISER Pune, Indian Institute of Astrophysics (Bangalore), Udaipur Solar Observatory-Physical Research Laboratory(Udaipur) and the Indian Space Research Organization (Bangalore).

Research at CESSI transcends the boundaries between fundamental astrophysics and applied space sciences. Our primary research focus is exploring the origin of the Sun's activity and understanding how this activity influences our space environment and climate. We seek to generate the understanding necessary for space weather forecasting to protect technologies deployed in space and on Earth. CESSI also aims to hunt for astrophysical gravitational waves and constrain exotic phenomena in the Universe through gravitational wave observations.

CESSI faculty are contributing to the development of India's first mission to study the sun from space (the Aditya-L1 mission) and to the LIGO-India gravitational wave observatory. CESSI faculty are also involved in national and international capacity building activities and collaborates in challenging research projects funded by diverse agencies such as ISRO and NASA.

CALL FOR APPLICATIONS

PhD

We seek exceptionally talented and highly motivated candidates with MS/MSc/MTech degrees with at least 55% aggregate marks (or equivalent grade-point average) in Physical Sciences or allied disciplines including engineering that are deemed suitable by the selection committee for PhD research in the space sciences. Final year post-graduate students who are yet to obtain their degree may also apply; however, they must have completed their degree at the time of admissions with the requisite aggregate marks. Preference will be given to candidates with their own PhD fellowships. Outstanding candidates who do not have any independent fellowships may also be selected if deemed suitable by the selection committee; however they should have qualified in at least one of the following exams: GATE, JEST, CSIR/UGC NET-LS, INSPIRE.

For further details and online applications consult our website

Deadline:- 17th April

MS

The Masters program offered by CESSI is a unique blend of thematic courses and a research project allowing integration of fundamental knowledge while developing proficiency in research.

For further details and online applications consult our website

Deadline:- 23rd May

www.cessi.in



IISER Kolkata