The 11th Radio Astronomy Winter School for College & University Students (RAWSC-2018), will be held at Radio Physics Laboratory (RPL), a joint initiative of National Centre for Radio Astrophysics (NCRA) of Tata Institute of Fundamental Research (TIFR) and Inter-University Centre for Astronomy and Astrophysics (IUCAA), during December 14–24, 2018 at Pune. RPL provides facilities for teaching Radio Physics and Radio Astronomy techniques using simple hands-on radio physics experiments. Its facilities include small radio telescopes equipped with 21-cm radio receivers, which can be used to observe Sun, cold Hydrogen gas in our galaxy and other radio sources. The laboratory is also well equipped with radio receiver operating at 408 MHz, various test and measurement instruments and several interesting laboratory experiments demonstrating fundamental principles of radio-physics and astro-particle physics.

PARTICIPATION
The winter school is largely meant for the 2nd and 3rd year under-graduate students in Science pursuing B.Sc. (Physics/Electronics/Astronomy) and Engineering (B.E./B.Tech.). Students in the 1st year of B.Sc. and B.E./B.Tech., final year B.E./B.Tech and candidates who are pursuing Post Graduate degrees are not eligible to apply. Participants should have a strong interest in Astronomy & Astrophysics theory, observations or instrumentation.

PROGRAMS
The selected participants will get introduced to radio astronomy through a series of lectures. Our approach will be hands-on way of teaching radio astronomy. They will also get ample opportunity to carry out simple radio astronomy experiments and learn about operation of radio telescopes. They will also take part in a small radio telescope assembling workshop and a quiz. A visit to Giant Meterwave Radio Telescope (GMRT) operated by NCRA will also be organized during the programme.

HOW TO APPLY
The interested participants should apply electronically by duly filling up a web-based application form available at the following website. Please note that postal or e-mail application will not be accepted. For more details about the Winter School, please see: http://raws.ncra.tifr.res.in/RAWS2018/

LAST DATE FOR RECEIVING APPLICATIONS
The completed application form and recommendations should reach us by 17th and 21st August 2018 respectively.
Travel support (second class sleeper train/bus fare) and free hospitality will be provided to all selected participants.
Contact via e-mail: rpl@ncra.tifr.res.in, aocp@iucaa.in