

Radio Astronomy Centre

TATA INSTITUTE OF FUNDAMENTAL RESEARCH
P.O Box 8, UDHAGAMANDALAM (OOTY) 643 001, TAMILNADU, INDIA
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22 January 2016

To
The Principal/ Headmaster/ Headmistress,

Sub: National Science Day 2016 on 28 February 2016 at the Radio Astronomy Centre

Dear Sir/Madam,

We are happy to inform you that the **National Science Day** celebration is being organized at the Radio Astronomy Centre (RAC), which is part of National Centre for Radio Astrophysics (NCRA), Tata Institute of Fundamental Research (TIFR), on **28 February, 2016 (Sunday)**. This program is mainly organized to motivate young students on various recent developments in science and technology as well as to make scientific awareness among the public.

The National Centre for Radio Astrophysics has been actively involved in several Astronomy and Astrophysics related research programs, which include studies of Sun, Pulsars, Galaxies, Interstellar medium, Cosmology, etc. It also provides exciting opportunities and facilities in the fields of Electronics, Antenna design, Signal processing and Computer related engineering. At present, National Centre for Radio Astrophysics operates two large national facilities, viz., Ooty Radio Telescope, located at Radio Astronomy Centre, Ooty and Giant Metre-wave Radio Telescope, located near Pune. Every year, a large number of students (more than 30,000) visit these facilities from various schools, colleges and universities. We also organize astronomy and astrophysics related workshops for college students as well as provide opportunities for students to carry on project works as required by university curriculum.

As part of National Science Day programme at RAC, we will conduct various activities such as Science Quiz, Essay writing, Painting and Science Model competitions on **18 February 2016** for students from the Nilgiri District. All the participants will be encouraged with certificates and winners will be awarded with prizes during National science day programme at RAC, on 28 February 2016.

We therefore request you to kindly nominate the participants from your school for the above mentioned competitions in the attached form.

The National Science Day programme on 28 February 2016 at RAC, will begin at 9 A.M. and will end at 5 P.M. We have planned to show live observations with Ooty Radio Telescope and display several interesting exhibits on the fundamentals of astronomy as well as recent developments in the field of astrophysics. We have also invited several research and scientific institutions in The Nilgiris to exhibit their research activities.

We request you to mark the presence of your school by bringing as many students as you can on 28 February 2016 to make The National Science Day a grand success. This will also benefit the visiting students as they would get an overwhelming exposure towards different fields of science.

We look forward to your enthusiastic participation and cooperation.

Thanking you,



Yours Sincerely,

Professor P K Manoharan
Head of Radio Astronomy Centre
For National Science Day Committee

NATIONAL SCIENCE DAY-2016

Radio Astronomy Centre
NCRA-TIFR, Udhagamandalam

National Science Day - Associated Events

Venue: Radio Astronomy Centre, NCRA-TIFR, Muthorai, Udhagamandalam

Events will be conducted for 4 levels of students on 18th February 2016. All the Competitions will be conducted in parallel, so a student can participate only in one event.

Levels

Level 1 : Classes 5 to 7

Level 2 : Classes 8 to 10

Level 3 : Classes 11 & 12

Level 4 : College students (B.Sc. / M.Sc. / B.E / B. Tech., etc.)

RULES AND REGULATIONS

*** Science Essay Writing (Tamil or English)**

Only one student can participate from each level. Topic will be announced on the spot. Adequate time will be given to prepare. Medium of writing will be in Tamil or English. Only A4 sheets (unruled) will be provided. Students should bring writing pad and other necessary items.

*** Quiz**

Maximum of two students can participate from each level. Preliminary written test will be conducted for all levels. Final quiz will be conducted for top scored teams from each level on the same day. Questions will cover all the fields of science.

*** Painting**

Only one student can participate from each level. Topic will be announced on the spot. Adequate time will be given to prepare. Painting chart only will be provided. Students should bring painting items and other necessary materials.

*** Science Models**

One model (max. two students) can be represented from each level. Students should bring the models to our centre on 18th February for evaluation by experts. Prize winners will be allowed to showcase their models on 28th February, 2016.

Participants list should be sent through Headmaster/Headmistress to any one of the below communication addresses on or before 12th February 2016 by 5.00 P.M. You can also register through telephone on the below given contact number. Students should bring I.D proof or Bonafide Certificate from their respective schools.

Prize winners will be announced through E-mail and Phone to respective schools after 22nd February 2016. Certificates & Prizes will be distributed on 28th February, 2016 at Radio Astronomy Centre.

Contact Details

Postal Address:

Radio Astronomy Centre,
NCRA-TIFR,

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Phone : 0423-2244880/2244888

Web : www.rac.ncra.tifr.res.in/events/nsd_2016/nsd_2016.html