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Institute for Plasma Research

Near Indira Bridge, Bhat, Gandhinagar 382 428

National Science Day (NSD) 2019

2-3 February, 2019

1. THEME for NSD-2019: "Role of Science & Technology in Modern Transportation"

Tentative Program

	1 st Feb.	Day -1 (2 nd February)					Day-2 (3 rd February)			
8:00		Participants arrival and Registration								
09:30		Science Day Opening Ceremony								
10:00		Science Exhibition	Eloquence	Quiz	Skits	Guided Tour of IPR	Science Exhibition	Skit	Educational Model display by teachers	Guided Tour of IPR
11:00										
12:00										
13:00	Participants Arrival, Registration, Installation of models exhibits	LUNCH BREAK					LUNCH BREAK			
14:00		Science Exhibition	Eloquence	Quiz	Skits	Guided Tour of IPR	Shortlisted Final Skits (Repeat performance)			
15:00							<i>Prize Distribution and Closing Ceremony</i>			
16:00							Closure by 17:00			
17:00		17:30 : Closure of First day & Bus departure								

A: Science Exhibition:

2. The theme for Scientific Models/Project exhibition is “Role of Science & Technology in Modern Transportation”
3. Maximum of two models can be proposed by each school for the exhibition. Final selection will be based on the merit of the model. The decision of National Science Day (NSD) committee will be final.
4. Schools should send details of the models on or before **10th January 2019.**
5. Details regarding requirement of electric power/ power points, water, extra open space, dark room etc. should be clearly mentioned in details (please check the form attached).
6. Prizes for best model and participation certificates will be given at the end of the event. There will be three prizes for working model and two for non-working model category.
7. Models must have not been displayed previously at IPR NSD and must be in line with the theme of Science Day. If any school/group wants to display the same model they presented in NSD 2018, they should mention clearly the innovations / fresh idea incorporated into the model. Please mention the related status of your model in the entry form.
8. Selected models will be provided following support:
 - Travel Allowance (up to Ahmedabad/Gandhinagar) and accommodation as per norms mentioned in following section: “I---Travel details...”
 - Tea, Snacks and Lunch will be provided to maximum 2 students per model and 2 teachers per school.

B: Science Quiz:

1. For the Quiz competition topics will be covered from General Science (standard: 8-10)
2. Only one team (two participants) per school is allowed to take part in Quiz competition. It is mandatory that atleast one participant must be from standard 8-10.
3. In case of large number of entries, the final round of the quiz will be conducted among teams qualifying after the elimination rounds. The elimination round can be a written test also.
4. Questions will be displayed in English/Hindi/Gujarati and answer may be given in any of these three languages.
5. Decision of the quizmaster will be final and binding.
6. Schools are requested to register their teams on or before **10th January 2019** by email to scienceday@ipr.res.in or by post to the given address.
7. Travelling Allowance and accommodation shall be provided as per norms mentioned below.
8. There will be three prizes and participation certificates for all participants of the qualifying teams.

C: Eloquence competition:

1. The topic for the eloquence competition is “Role of Science & Technology in Modern Transportation”
2. The eloquence competition will be conducted separately in 3 languages, viz., English, Hindi and Gujarati. The time given to each participant will be 3 minutes.

3. Schools are requested to register their participants (Only one student per language per school) on or before **10th January 2019**.
4. A screening test may be carried out to short list 15 participants (5 competitors per language) for the final round. In the screening test the student will be asked to make an extempore speech on any given topic on the spot.
5. There will be three prizes for each language and participation certificates for all participants of the final round.
6. Travelling Allowance and accommodation shall be provided as per norms mentioned below.

D: Skit Competition:

1. The basic theme is on “-” *Science For Healthy Life*”
2. The script should be original work of the participating team and maximum time allowed is 8 minutes.
3. School team can present the skit in Gujarati/Hindi/English. A school can present only one skit.
4. 5 selected/ shortlisted teams will re-perform the skit on second day, **3rd February**.
5. The entries for skit have to be submitted to IPR on or before **10th January 2019** with a title and brief information about script.
6. Teachers and students can participate in the skit. But as it is student event, we prefer more participation from students. Teachers can participate **ONLY** if required. Allowances or accommodation will be provided to participants of the skit; as per the norms mentioned below.

E: Essay Writing Competition:

1. The topic of the essay will be “Role of Science & Technology in Modern Transportation”
2. Students up to class XII can participate.
3. The essay writing competition will be conducted separately in 3 languages, viz., English, Hindi and Gujarati. The length of essay should not exceed 500 words and has to be handwritten and must be original.
4. **ONLY** one entry per school per language will be accepted (i.e. maximum 3 essays per school).
5. The essay can be sent to IPR by E-mail (scienceday@ipr.res.in) or post to the address given below. The essay should reach to the NSD Committee on or before **10th January 2019**. Subject line of email must be “NSD2019- Essay (*language*) (*school name in short*)” or if sending by post then “NSD2019 – essay competition” must be written over the envelope.
6. This competition is offline competition and TA or accommodation shall **NOT** be provided by IPR to participants. The name of selected candidates/Winners will be declared by **28th January 2019** on website.

F: Poster Painting Competition:

1. The theme for the poster will be “Role of Science & Technology in Modern Transportation”
2. Only school students can participate in this competition.
3. The poster should be **hand-drawn only**, and of size A3 (420 × 297 mm). Texts on the poster can be in English, Hindi or Gujarati. Only one entry per school per language will be accepted (i.e. maximum 3 posters per school).

4. The poster should be sent to the coordinator, NSD, IPR by post. The poster must reach to the NSD Committee on or before **10th January 2019**. "NSD2019- Poster Competition" has to be written over the envelope.
5. This competition is offline competition and TA or accommodation shall **NOT** be provided by IPR to participants. The name of selected candidates/Winners will be declared by **28th January 2019** on website.

G: Educational Models by Teachers:

Presentation by Teachers: - Teaching science through innovative working models by Teachers.

1. Only one entry/ model is allowed from one school. Model presented should be either original or should have an identifiable innovation incorporated in it
2. Brief explanation of model with title along with picture should be sent to IPR by E-mail (scienceday@ipr.res.in) on or before **10th January 2019**.
3. Six models will be selected among all the schools. Selected models will get confirmation by **28th January 2019**. Representing teacher will present the work for 10 minutes in a class room atmosphere.
4. The model proposed could be on any specific topic in any branch of science. The purpose of the event is to encourage teachers to make use of innovative teaching tools to effectively communicate with the students. The merit of the event is to see how effectively and interestingly the topic is taught and how deeply and easily the students understand it. Three best presentations will be awarded. Teachers have to submit a maximum one page write-up describing the model/teaching aid. The head line of the document should specify the Topic clearly.

H: Open House/Guided tour of IPR:

1. Open to all Indian Nationals on 2nd and 3rd February 2019. 2nd February Full day and 3rd February half day.
2. For entry to the IPR campus, visitors are requested to carry a valid government approved Photo ID card with them (applicable for everyone) or school id (only for students).
3. A complementary shuttle bus service will be available from Ahmedabad and Gandhinagar at free of cost to reach IPR
 - a. From RTO circle (near BRTS bus stop), Ahmedabad every hour, starting at 9:00 till 2:00 PM for 2nd February and 9:00am till 12:00 for 3rd February 2019.
 - b. From Gandhinagar Pathikashram (ST bus stand) every two hour 10:00 am till 2:00 PM for 2nd February and 10:00am to 12:00 for 3rd February 2019.
 - c. Last bus from Institute to Ahmedabad / Gandhinagar at 4:00 pm.
4. Schools are requested to register their visit to the coordinator. The registration is necessary to avoid any inconvenience to the school. The prior information would be helpful to the organizing team of NSD for arrangements to make your visit more comfortable.
5. The updated information on NSD-2019 shall be available on website <http://www.ipr.res.in/documents/nsd.html> and schools/participants are requested to visit the website for latest information.

I: Important Information for Participants:

- Maximum **8 Students and 2 teachers per school** would be provided accommodation and Travelling Allowance by IPR, however category wise student eligible for TA + accommodation is as follows.
 - **Quiz** : 2 students per school
 - **Eloquence** : One student per language per School
 - **Model** : 2 students per model
 - **Skit** : 4 students per school
 - **Teacher** : Maximum 2 per school
 - **Total 8 no of students and 2 teachers with all competitions are eligible for TA + Accommodation + Food. Rest of all the participants, if any have to bear the cost by themselves.**

 - **Participating student—standard information:**
 - **Quiz: Open to students from classes VIII to XII**
 - **Eloquence: Open to students from classes VIII to XII**
 - **Model : Open to students from classes VIII to XII**
 - **Skit : Open to students from classes VIII to XII**
 - **Essay : Open to students from classes VIII to XII**
 - **Poster : Open to students from classes VIII to XII**

 - Travel allowance will be given only to outstation participants (schools outside Gandhinagar/Ahmedabad city limits). The allowance will be paid as per state government rates (ST bus fare) on submission of relevant documents /tickets. In case of candidates traveling via other means, the reimbursement can be as per permitted rate (ST bus fare) only on production of appropriate documentation. IPR's account officers' decision shall be final and binding. Note: *It is advisable that IPR is informed in advance and permission taken in case other options of transport to be used.*
- All the registration MUST be received from the school ONLY. Only schools from Gujarat and UT (Diu, Daman and Dadra nagar Haveli) can apply.**
- Basic accommodation (shared room or dormitory) will be provided to registered outstation school participants. The accommodation facility is limited and needs reservation on first come first serve basis. Schools need to mention the name of accompanied students + teachers and the information must be communicated to the coordinator, NSD committee on or before **10th January 2019**. No extension will be given for any competitions.
 - Transportation between IPR campus and allotted accommodation place will be provided only in morning and evening (only one service).
 - Tea, Breakfast /snacks and Lunch will be provided by IPR to all participants (local + outstation school) at free of cost. Maximum participants per school cannot be more than 8 students + 2 teachers. Visitors and extra accompanying members to participants can use IPR canteen (which will be paid service). Coupons will be issued to participants / teachers which you have to submit to the catering person. If you forget the coupons at accommodation or with other teachers, you have to buy the food. No extra coupons will be provided.

- All the winners will be announced after the respective competitions, and the prizes will be given at the concluding session ONLY. The session will be on **3rd February 2019** afternoon. IPR do not take responsibility to send them by post in case of school/student absent during concluding ceremony. The prizes and certificates have to be collected by school from IPR.
- Important Dates for sending Entries
 - Project/Model : 10th Jan
 - Quiz : 10th Jan
 - Skit competition : 10th Jan
 - Result for Essay / Poster : 28th Jan 2019
 - Eloquence : 10th Jan
 - Essay submission : 10th Jan
 - Poster submission : 10th Jan
- The updated information on NSD-2019 shall be available on website <http://www.ipr.res.in/documents/nsd.html> and schools/participants are requested to visit the website for latest information.

Communication Address

For Poster and Essay submission + other:

The Coordinator,
National Science Day 2019
Institute for Plasma Research
Bhat, Near Indira Bridge, Gandhinagar 382 428

For any Query:

Phone: 079-23962000, (9:30 to 17:00, Monday to Friday)

Email: scienceday@ipr.res.in

Website for Science Day

<http://www.ipr.res.in/documents/nsd.html>