



NCERT presents



“Explain The Concept”

A scientific and educational video-making competition for young and bright minds

We hereby share with you vital information regarding the Finals of the ETC Video Expository Challenge to be held in IISc, Bangalore on 18th and 20th January, 2019.

FORMAT OF THE FINALS :

1. **Talks** – In order to give the participants an idea of how they can improve on their science communication skills, we plan to hold the following talks, in the specified order:
 - a) “The Junior Breakthrough Challenge Experience” – by Ishan Bhat, 1st Year Undergraduate student at IISc, and former participant of The Junior Breakthrough Challenge.
 - b) “Amine, Enamine, Iminium and Ammonium : The Magic Wands of Organic Synthesis” – by Santanu Mukherjee, Associate Professor in Department of Organic Chemistry, IISc
2. **Discussion of Ideas** – The participants will, at the beginning of the workshop, be asked to enter their topic of preference among a list of preselected/predecided topics pertaining to diverse fields of science. After the talks are over, the participants will be directed to the Group Leader(s), people from IISc who have sufficient knowledge in the topic that a particular participant has chosen. There will be a discussion of ideas and what are the possible ways by which they can be implemented. This would last around 1 hour.
3. **IFP Workshop** – All participants of the ETC Video Challenge Competition will be allowed free entry into a Workshop called Indian Film Project, organised by the Indian Film Society, in coordination with Pravega, IISc. The participants will get to know about the basic techniques involved in videography and video-editing, which will allow them to make better videos for effective science communication.
4. **The Video-Making** – Having completed their session of Talks and Discussions, the participants will be given a 40-hour window in which they will have to make their videos. Please keep in mind that the time limit for the video is [to be decided later]. The videos can be made singly or in pairs (atmost), and it must be communicated during the time of registration.
5. **Talk by PS Anil Kumar** – on the importance of studying science and the numerous benefits that one can obtain, especially through different fellowship schemes like KVPY, INSPIRE, etc.
6. **The Video Presentation** – The participants will assemble on Sunday for their Video Presentation. Each Video will be immediately followed by a Quiz, that the team (single/double membered team) will have prepared beforehand with 6 objective (MCQ) questions. The time limit for answering the quizzes is 2 minutes. (**Note : This quiz will carry marks for both the quizzing team and the quizzed team**) This will be followed by evaluation of the quizzes by the members of the Organising Committee and the Group Leaders. While the evaluation is going on, the team will have to answer questions/queries regarding the Video that they have made, from either members of the Audience or the Panel of Judges.
7. **Declaration of Results** – The Results will be declared on the same day, most probably within 01:30 pm on 20th January, Sunday.

PRIZES :

- Rs. 8000 /- + Certificate of Merit for the Winning Team
- Rs. 4000 /- + Certificate of Merit for the Runners' Up Team
- Rs. 2000 /- + Certificate of Merit for the Second Runners' Up Team
- Participation Certificates for All Candidates

TIME TABLE :

Date	Time	Program Details
18 th January, 2019	by 09:30 am	On-Site Registration
	1030 to 1000	Talk by Ishan Bhat
	1100 to 1200	Talk by Santanu Mukherjee
	1300 to 1300	Group Discussions with GLs
	1300 to 1500	IFP Workshop Attendance
BREAK:40 hours		
20 th January, 2019	1000 to 1030	Talk by P S Anil Kumar
	1030 to 1300	Presentation of Videos Quiz Discussion
	1300 to 1330	Vote of Thanks
	1330	Result Declaration

Our Panel of Judges :

- Santanu Mukherjee, Associate Professor, Department of Organic Chemistry, IISc
- Arnab Rai Chowdhuri, Professor, Department of Physics, IISc
- Viraj Kumar, Visiting Professor, Divecha Centre for Climate Change, IISc
- Abhijeet Bayani, Laboratory Instructor, Undergraduate Affairs, IISc

Our Group Leaders :

- Aiswarya Prasad, 4th Year Biology Major
- Pranav Minasandra, 4th Year Biology Major
- Agneesh Kumar Behera, 4th Year Chemistry Major
- Shabarish Ch, 3rd Year Mathematics Major
- Thanmay Sunil Menon, 3rd Year Physics Major
- Shounak Nath, 3rd Year Chemistry Major
- Kartik Singh, 3rd Year Mathematics Major

We cordially invite you all to be a part of this wonderful event and cherish it in your mind for a long time to come.

Please Note : Our fest Pravega is one of the leading science and tech fests of the country. When not in the mood to work, we strongly recommend you to take a walk around the campus and get a feel of a whole new concept of excitement and what it can be all about : Welcome to Pravega 2019 !!

Pravega 2019

IISc, Bangalore