

aspiringminds

India Science Festival

Celebrating Science. Opening Minds.



PYP: Perform Your Project

@

ISMO: India Science Month Online

January 2021

Calling all science enthusiasts who believe in the power of simplifying science to make it accessible for all!

Following the phenomenal responses that we received for ISF - 2020, we are back with our flagship competitions: “**Talk your Thesis (TYT)**” and “**Perform your Project (PYP)**”.

Send us your work as a simple video. Presenters will be selected through a competitive process by a judging panel comprising our esteemed speakers, who are top scientists/professors from world’s top universities.

The **top 5 final** shortlisted candidates for each competition will be recognized as ‘**ISF Fellows**’. These **ISF Fellows** will be mentored by experts in the field to polish their skills in order to deliver a public talk. They will present a live online talk in January 2021, as part of the **India Science Month**.

In the final round, a jury and live voting by the audience will choose the **top 3 winners** who will receive exciting cash prizes!

This is a wonderful opportunity to bring attention to your work - from scientists and society!

Given below are the detailed guidelines for **Perform Your Project – PYP**.

PYP finalist and ISF fellow, Arush Gupta, gets felicitated at India Science Festival, 2020



Perform your Project

About:

A competition for all science enthusiasts to unleash their creativity and present a science project or concept in the most innovative manner possible!

Eligibility:

Anyone who has worked on a science project in senior school, final year of college or as a part of their personal endeavour is eligible for this competition.

Age:

You can innovate science at any age, so don't be bothered.

Can you perform in groups?

Joint performances of up to 3 participants are eligible.

All you need to keep in mind!

- The project should be very **interesting**. One or more of the following makes it interesting to us:
- It is a new application idea which is super useful or broad. Think sixth sense, AlterEgo, Tech led poverty alleviation, etc.
- You solved a tough engineering problem. Think an autonomous drone, a diagnostic chip, etc.
- It is super creative or innovative – blows us off. Think measuring blood pressure through video of a person.
- There is great science or theory behind it.



- The project can be from any discipline so long as there is a **strong scientific/technology element** in the work.
- Innovative presentation is key here. We want a presentation which will **catch the imagination of our audience** in a big way and show them the power of science and tech. You can do anything you wish within 10 minutes – it should give the message effectively.

Registration:

The first step in order to participate in the competitions is to register on our website <https://www.indiasciencefest.org/participate>

Submissions:

A link will open on 1st September 2020 for you to upload all files. This link will be open for submissions till 1st October 2020. Incomplete applications will be disqualified automatically.

Please include the following in your application:

- A one/ two-page resume
- Abstract of your work with relevant references (**upto 750 words**). Any bibliography for the abstract would not count towards word limit.
- A video of 2-5 minutes which is a sample of the performance you will give. This will be key for us to understand how you will frame the story and tell it in an interesting way. Be innovative!
- Include a signed declaration stating “India Science Fest has permission to post my video created for ‘Perform your project’ competition online on its YouTube channel, website or social media channels publicly.” We plan to share the good videos online and make you a celebrity!

How innovatively can you present science? Talk, demonstrate, dance, sing, draw or act out a solid scientific concept, the floor is all yours!

Evaluation parameters:

40%: Technical Evaluation; 60%: Performance framing and presentation

Round 1:

75% weightage for jury's marks

25 % weightage for live voting (The videos submitted by participants will be uploaded on our social media channels and will be open to live voting)

Round 2: Top 5 will be ISF Fellows will be mentored by our jury and will deliver live online talks, which will be judged by our panel of esteemed speakers.

Timeline:

Submission: A link will open on 1st September 2020 to upload all files.

Deadline for submitting application: 1st October 2020

Results declared: 25th October 2020

Mentors Assigned: 1st November 2020

Final online talk: January 2021

Winners declared: January 2021

Prizes:

Winner: Rs.30000

1st runner up: Rs.20000

2nd runner up: Rs.10000



Anubhav Mishra and his teammate, win 2nd runners up at PYP 2020 for their project on 'controlling someone else's arm using your brain'

Need some inspiration? Watch these videos by the finalists of PYP 2020:

[Voice controlled robotic arm](#), Ankit Santosh Gupta

[Duo-vent: AI-enabled Smart ventilation system](#), Rajesh Thangavel Yadav

[Controlling someone else's arm using your brain](#), Anubhav Mishra

[Flywheel: Battery less UPS System](#), Sivaranjani S

[KnightCryption: Encryption algorithm derived from chess, math and sanskrit poetry](#), Arush Gupta

Make sure you register for this competition on our website

<https://www.indiasciencefest.org/participate> at the earliest!

For any information/queries/help, write to us at: info@indiasciencefest.org