

Guidelines for Stage 2

Students selected for Stage 2 should design and develop a '**Working Model/Prototype**' to explain their project idea in detail.

Individual / Team should submit (Mandatory)

- An Explanatory Video using a Working Model/Prototype and its working.
- The duration of the video should be 2-5 minutes and the video size should not be more than 100MB. Refer sample video [here](#):
- Project Explanation should be in English only.
- Video should contain an image of the Prototype naming the parts of the working model and their application in the project
- Contents for a Project Display Board –
 - **Title (75 Characters)**
 - **Problem (450 Characters)** - Background/ Introduction
 - **Objectives (500 Characters)** - Real-World Application
 - **Target Population (100 Characters)**
 - **Social Impact (200 Characters)**
 - **Methods (500 Characters)** - Explanation of the Methodology
 - **The Scientific Approach (350 Characters)** - Concept / Theory adopted
 - **Results (400 Characters)** - Positive / Negative Impacts / Disadvantages
 - **Conclusions and (400 Characters)** - Commercial Viability/ Scalability
 - **Bibliography (200 Characters)**

Read the below guidelines carefully to understand how to present for Round 2.

Guidelines for making an explanatory video

- The video must be **between 2 to 5 minutes long** and should not exceed **100MB** in size.
- Ideally the video must follow the below structure:

<u>Indicative Time</u>	<u>Topic</u>
15-30 Seconds	Self-Introduction (Name and Grade only : Do not mention any other detail)
120-180 Seconds	Explain the content (the problem, solution, etc.)
30-90 Seconds	Conclude your solution (future prospects, commercial viability, and scalability of your idea, etc.)

Please note:

- Video submission is mandatory for Stage 2.
- In case the size of the video exceeds 100MB then reduce the size of the video to 100MB and upload it in the microsite. In case you are unable to reduce the video

size, please reach out to our support desk at support@vivoignite.com or may call us at 1800 202 3747

How to present yourself in the video:

- Shoot in a comfortable, well-lit area where you can be seen clearly, making sure that your voice is audible, and you are dressed appropriately and comfortably.
- Stand in front of the Working Model/Prototype and start recording your video, ensuring that you maintain a flow, as well as taking care to keep yourselves and the Working Model/Prototype simultaneously visible in the video.
- Note that it is mandatory to show the Working Model/Prototype in the video.
- The video needs to be unedited to maintain fairness in the competition.

While presenting your project in the video:

- You will be required to submit the Working of the Model/Prototype in the video describing:
 - What problem did you identify?
 - How well have you described the problem and your solution in the video?
 - How does your solution create a societal impact?
 - Can your solution be implemented in the future?
 - How commercially viable and scalable is your solution?
- Avoid holding your phone in your hand whilst filming; instead, use a phone stand to improve the quality of the video, or request someone to shoot the video for you.
- You won't have time to cover everything, so decide what are the main messages and key points that you want to convey.
- Entries will be graded on the basis of adherence to scientific approach, clarity of the solution, creativity of the model construction, explanation of the methodology followed, real-world application & target population, negative impacts and disadvantages identified, as well as your presentation skills.
- The video is your opportunity to showcase your work and encourage the audience to view your poster online for further information.

How to upload the video on the portal:

- You can either drag & drop or directly upload your video file from the respective folder on your computer.
- File to be uploaded should be in MP4/AVI format & should not exceed more than 100 MB in size.

General Instructions To Be Followed

- Any flames or highly flammable materials are not allowed.
- Use safe extension cords and extend them at a minimum length to avoid tripping accidents. Use tapes to secure the cords.

- It is advised to use the minimum possible voltage, and use indicator lights to indicate that the current is switched on.
- Ensure the prototypes are of a safe design.
- Dangerous moving parts, like fan blades and pulleys, must be guarded safely.
- All hazardous devices like weapons, firearms, oil, and sublimating solids (dry ice, etc.) are not allowed.
- Photographs used for the project are allowed only if they're not deemed offensive or inappropriate.
- Any display items that are deemed distracting (odors, sounds, etc.) are to be avoided.
- Toxic, flammable, and corrosive chemicals should be avoided.
- All hazardous substances, like drugs and poisons, are not allowed.
- Soil contaminated with toxic waste, and toxic waste samples are not allowed.
- Combustible gasses are not allowed.
- No animals, plants, bacteria, or fungi, living or dead (if deemed harmful), may be displayed. To be allowed on sole discretion of the Jury and organizers.
- Pictures/photographs of animals, plants, bacteria, or fungi, living or dead, can be used only if they are appropriate.
- Animals are not to be used unless they are to be displayed in their natural living environments. Eg.: Aquariums, etc.
- Taxidermy specimens or parts are not allowed.