CENTRAL INSTITUTE OF EDUCATIONAL TECHNOLOGY
National Council of Educational Research and Training (NCERT)
Sri Aurobindo Marg, New Delhi – 110 016 (India)
Tel.: 91-11-26962580, Telefax: 91-11-26864141

Date: 29/11/2023

Subject: Invitation to participate in **vivo Ignite: Technology & Innovation Awards 2023: A collaborative initiative of vivo, NCERT and iHUB DivyaSampark - IIT Roorkee**

Dear Sir/Madam,

This is to inform you that **vivo Ignite: Technology & Innovation Awards 2023** is being organized for students from **grade 8 to 12** with the objective to create a culture of scientific exploration, innovation and inculcate a desire to ideate and find solutions for social problems. This initiative acts as a great enhancer in inculcating problem-solving approach among students; developing appropriate technologies for education; integrating and applying scientific ideas best suited for addressing some of the most pressing issues. NCERT is supporting as a knowledge partner to this programme.

The theme for this year is **"Tech for Good – Technology and Innovation for Social Impact"**. Student can **participate individually or in group (min 2 or max 3 members) by submitting a working prototype** that holds the potential to make a profound and positive change in society across different thrust areas. Zonal-level winners will be provided with mentoring support to develop the prototype. Top 25 innovative ideas will be assessed and if worthy enough will be considered by iHUB DivyaSampark- IIT Roorkee (innovation centre) for research study/incubation/start-up and top 5 winners based on Grand Jury assessment will be rewarded with cash prizes. To know more about the programme, please visit: www.vivoignite.com.

Grand Prizes sponsored by vivo (in Indian Rupees):

1st Prize	2nd Prize	3rd Prize	4th Prize	5th Prize
7 Lakh	5 Lakh	4 Lakh	3 Lakh	2 Lakh

T&C apply

Process and Timelines to apply:

Submission: Phase 1	25th November 2023 – 3rd January 2024	Participants are expected to submit a **brief about their project along with a poster** at: www.vivoignite.com.
Result Announcement: Phase 1	10th January 2024	Out of the entries received, **200 projects (50 from each zone NSEW)** will be shortlisted. The top 200 zonal winners will receive goodies and certificates. The schools of top 200 zonal-level winners will also be acknowledged and recognised.
Submission: Phase 2	10th January 2024 – 24th January 2024	The 200 shortlisted zonal-level winners will be required to **submit a video recording** of the final prototype and upload the high-resolution image of the **Project Display Board*** (PDB) at: www.vivoignite.com.
Result Announcement: Phase 2	1st February 2024	**Top 25 projects** will be shortlisted at this stage in order to be considered **by iHUB DivyaSampark- IIT Roorkee** (innovation centre) for research study/incubation/start-up. **Top 10 national finalists** list out of these 25 shortlisted students will also be announced on this date.
Grand Finale	6th February 2024 - 9th February 2024	**The top 10 national finalists (individuals/groups projects)** are **mandated to attend the Grand Gala event at New Delhi** where they will be required to present their project prototypes along with the Project Display Boards to the Grand Jury. The **top 5 national winners** will be announced and felicitated during the event. **Individual Entry:** Travel and stay arrangements for the student and 1 parent/guardian/teacher will be made by Team vivo Ignite. **Group Entry:** Travel and stay arrangements for the group and only 1 parent/guardian/teacher will be made by Team vivo Ignite

You are requested to ensure maximum participation from your state/UT so that the students get maximum exposure and motivation to be the changemakers.

With regards,

Your sincerely,
Prof. Indu Kumar
Head Department of Information and Communication Technology
Central Institute of Educational Technology
NCERT, New Delh

To,

1. All the Directors/ Principals of SCERTs/ SIEs in the States/ UTs
2. All the SPDs of Samagara Shiksha in the States/ UTs
3. All Secretaries/ Chairpersons of 62 Boards of School Education in States/ UTs
4. The Joint Secretary/ Commissioner/ Chairperson/ Director of Autonomous Bodies under the MoE, MoD, MoTA, MoMA (CBSE, KVS, NVS, CISCE, AEES, Sainik Schools, EMRS-NESTS, Madarsa)
5. The Director (Training), Central Board of Secondary Education (CBSE)
6. The Member Secretary, NCTE
7. The Director (Academic), NIOS
8. The Deputy Director of OSEPA, Sikshya Soudha, Unit - V, Bhubaneswar, Odisha 751001(Email: osepate2022@gmail.com)
9. The Joint Director, PSSCIVE, Bhopal
10. Principals of RIEs at Ajmer, Bhopal, Bhubaneswar, Mysore and Shillong
11. All heads of the Department/ Divisions of NIE, NCERT.
12. Head Masters/ Mistress of DMS- RIE at Ajmer, Bhopal, Bhubaneswar and Mysore

ANNEXURE

Stage 1: Idea Brief and Poster Submission (25th November 2023 – 3rd January 2024)

1. Each individual/group will need to upload a poster in PDF/JPEG/PNG version (file size up to 5 MB), along with a 150 to 300-word description of their project.
2. The evaluation criteria will broadly be as follows:
   - The degree of innovation and technology that the participants have incorporated into their projects.
   - The project viability and capacity to have a positive social impact on the society at large.
3. The result for the top 200 participants (50 from each zone – NSEW) will be declared on 10th January 2024.
4. All students will receive a participation certification on successfully completing Stage 1

Stage 2: Video of Working Model and Project Display Board Submission (10th January 2024 – 24th January 2024)

1. This stage is applicable only to the top 200 shortlisted participants.
2. The student will need to record and upload a video (MP4 version up to 50 MB) of the working model explaining its functioning in detail.
3. In addition, they will need to upload an image of the Project Display Board in PDF/JPEG/PNG version (file size up to 5 MB), which will have the summary of the project (A sample is attached herewith).
4. All 200 shortlisted students will receive a certificate and goodies at this stage. The schools of the shortlisted students will also be recognised and acknowledged.
5. Top 25 ideas will be shortlisted on the basis of video submission. These top 25 ideas will be considered by iHUB DivyaSampark- IIT Roorkee for research study/incubation/start-up.
6. Top 10 national finalists (individual/group projects) will be shortlisted from the Top 25 ideas for the Grand Finale.

Stage 3: Grand Finale (6th February 2024 - 9th February 2024)

1. This stage is applicable to the Top 10 National Finalists
2. Each student (individual/group) will be required to share the bonafide certificate from their respective schools.
3. Each student will be required to share their complete contact details of self, parents / guardian, teacher/principal and parental approval for communication purposes.
4. The top 10 national finalists (individual/group) will be mandated to attend the Grand Gala event at New Delhi where they will be required to present their project prototypes along with the Project Display Board to the Grand Jury. The print and enlarged version of the Project Display Board will be arranged by Team vivo Ignite. However, the student needs to carry the prototype from their home location to the venue.
5. Travel and Stay Arrangements:
   - **Individual Entry:** Travel and stay arrangements for the participant and only 1 parent/guardian/teacher will be made by Team vivo Ignite.
   - **Group Entry:** Travel and stay arrangements for all the group participants and only 1 parent/guardian/teacher will be made by Team vivo Ignite

Do's and Don'ts:

Do's:
1. Before starting your project, make sure you are aware of all the steps, guidelines and timelines.
2. Create a well-organized plan in accordance with the guidelines for your design, experiment, innovation, etc.
3. Attend group webinars and mentoring sessions organised as per the schedule.
4. Be well prepared for the final presentation.
5. Keep your parents informed about your participation. Seek consent before you submit.
6. In case of any queries, do reach out to the support desk. Support desk information is mentioned on our website: www.vivoignite.com.

Don'ts:
1. Only **One** entry per student allowed. Multiple submissions from the same person will result in automatic disqualification.
2. Students must solely create their projects without acquiring or utilizing work made by others. Any plagiarism will result in automatic disqualification.
3. Avoid purchased or externally made projects. Such submissions will be disqualified.

Zones bifurcation (states included in each zone):

East Zone: Bihar, Jharkhand, Odisha, Chhattisgarh, West Bengal, Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura and Sikkim

West Zone: *Dadra and Nagar Haveli and Daman and Diu*, Goa, Gujarat, and Maharashtra

South Zone: Andhra Pradesh, Karnataka, Kerala, *Puducherry*, Tamil Nadu, and Telangana, *Andaman and Nicobar Islands, Lakshadweep*

North Zone: *Chandigarh*, *Delhi*, Haryana, Himachal Pradesh, *Jammu and Kashmir, Ladakh*, Punjab, Uttarakhand, Uttar Pradesh, Madhya Pradesh and Rajasthan

Note: All the Union Territories are highlighted in *Italics*.
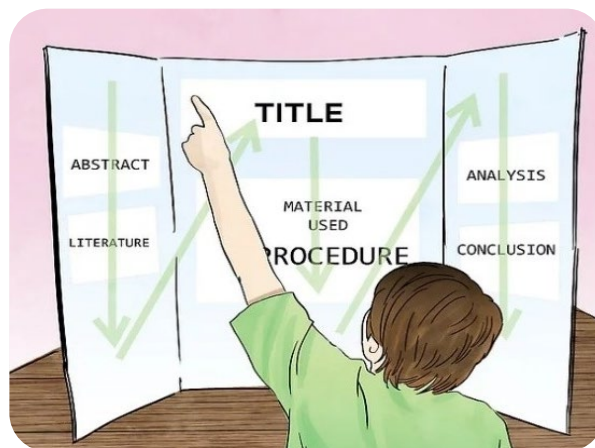
The Evaluation Metrics

Sr. No.	Criteria	5	4	3	2	1
1	Clarity of the Problem	The student is graded on the level of clarity they have on the problem and its background. (effects, causes, etc)				
		The student is well-versed in the problem, its effects, and its causes.	The student has good clarity about the problem and its history.	The student has clarity about the problem but is unable to explain it to the audience.	The student has very little clarity about the problem and its history.	The student has no clarity on the problem.
2	Clarity of the Solution	The student is graded on the level of clarity they have towards the solution.				
		The student has an excellent solution to the problem.	The student has good clarity of the solution.	The student has good clarity of the solution but has not efficiently put it across to the audience.	The student has very little clarity about the solution and is unable to explain it.	The student has no clarity on the solution.
3	Creativity of the Model Construction	The student will be graded on how creatively they have constructed the model.				
		The model is extremely creative, tackles the problem in question, and needs no improvements.	The model is creative and needs no improvements.	The model has limited creativity but needs improvements	The model has very little creativity and needs improvements	The model lacks creativity.
4	The Scientific Approach	The student is graded on their scientific approach and understanding. Problem objective -> Hypothesis -> Methods -> Results in line with a hypothesis or not -> Inferences of the result, etc.				
		Excellent scientific approach.	Good scientific approach.	Satisfactory scientific approach.	Very little scientific approach.	Lacks a scientific approach.
5	Explanation of the Methodology	The student is graded on how well their methodology is, materials used and how it is explained.				
		The student explained the methods, materials excellently.	The student gave a good explanation about the methods.	The student poorly explained the methodology.	The student spoke very little about the methodology.	The student did not speak about the methodology.
6	Project Display Board	The student is graded on the quality and comprehensiveness of their Project Display Board.				
		The PDB contains all mandatory sections, is visually appealing, and explains the project idea completely.	The PDB contains all mandatory sections, but lacks visual appeal, and explains most of the project idea.	The PDB lacks one or two mandatory sections, and explains only part of the project idea.	The PDB lacks multiple mandatory sections, and explains very less about the project idea.	The PDB is totally unsatisfactory and does not explain the project idea at all.
7	Real-World Application, Target Population, and Social Impact	The student is graded on if they have stated the real-world applications and has explained how their solution has a positive impact on the target population and society at large.				
		The student explained both aspects clearly.	The student explained both aspects to some extent.	The student poorly explained both aspects.	The student explained only one of the aspects.	The student spoke of neither of the mentioned aspects.
8	Negative Impacts / Disadvantages	The student is graded on how well they are able to think about the disadvantages of their idea.				
		The student explained all the possible negative effects of their solution.	The student explained a significant number of the possible negative effects of their solution.	The student explained a few of the possible negative effects of their solution.	The student has attempted to explain a few of the possible negative effects of their solution, however the same are not valid.	The student did not specify any negative effects.
9	Commercial Viability (of the overall idea and prototype)	The student is graded on how viable their project is (feasibility, profitability, costing, etc. to be considered).				
		The project has excellent commercial viability with innovative USPs.	The project has decent commercial viability with a fair chance of market share.	The project has some scope for commercial viability but the student has not efficiently put it across to the audience.	The project has very little commercial viability and the student is unable to explain it.	The project has zero commercial viability.
10	Scalability (of the overall and prototype)	The student is graded on the potential scalability of their idea.				
		The project demonstrates excellent scalability with inbuilt ability to handle volumes and spikes.	The project has decent scalability with a fair mechanism to handle large volumes/users.	The project has some rudimentary scalability but the student has not efficiently detailed it in the submission.	The project has very little scalability and the student is unable to explain it.	The project has no scalability.
11	Presentation Skills (across project brief, video recording and prototype)	The student is graded on their presentation skills (body language, voice modulation, confidence in responding to jury's Q&A, etc.)				
		The student has excellent body language, and regulates their voice.	The student has good body language, and regulates their voice.	The student has good body language but has no voice regulation.	The student has poor presentation skills.	The student is underconfident.

Criteria-Wise weightage distribution

No.	Criteria	Stage 1	Stage 2	Stage 3
1	Clarity of the Problem	20	15	10
2	Clarity of the Solution	20	15	10
3	Creativity, Demonstration and Design of the Idea	20	15	10
4	The Scientific Approach	20	15	10
5	Explanation of the Methodology	20	10	10
6	Project Display Board	Nil	10	10
7	Real-World Application, Target Population, and Social Impact	Nil	Nil	5
8	Negative Impacts / Disadvantages	Nil	Nil	5
9	Commercial Viability	Nil	5	10
10	Scalability	Nil	5	10
11	Presentation Skills	Nil	10	10

*Project Display Board (PDB):

A Project Display Board is a board-shaped material that is rigid and strong enough to stand on its own, and generally used paper or other materials affixed to it. Science/Technology/Innovation fair/competition display boards generally include Project Title, Abstract, Question, Hypothesis, Background, Research, Materials, Procedure, Results, Conclusion and Future Directions. Refer the below sample images of the Project Display Board for your reference.

For more information and queries:
Please visit www.vivoignite.com   **Or Scan**

Or you may reach us at:
Email ID: support@vivoignite.com
Tollfree No.: 1800 202 3747