

Problem Statements



1. Passed down from one generation to another, Indian folk art is still alive in many parts of the country. Being culturally diverse and distinct, a variety of art forms have evolved over the years; some untouched by modernisation, some adapting to new paint colours and materials. The most popular and ubiquitous art form is without doubt Rajasthani folk art.

Due to mass production of art, the appreciation that we Indians once had for these artists is fading and these artforms are now on the verge of extinction. As Mahatma Gandhi rightly said, “A nation’s culture resides in the hearts and in the soul of its people.” It is our duty to preserve this culture and yet this is not the case by a long shot. Artists are begging for food and their lives are absolutely miserable which will lead to the extinction of these cultural art forms. Covid-19 has made this worse as the primary source of income for these artists was through tourists.

Donatekart, an India-based social enterprise that allows individuals to donate supplies needed to a charity instead of donating money, aims at restoring the lost pride of the artists. Give a unique and detailed solution to this problem, considering as many variables as possible which is not only good on paper but also practically viable.

Furthermore, explain how do you plan to help them sustain their livelihood if another such crisis cuts short their sources of income.

Problem Statements



2. Sharva Foundation is a collective group of young and determined enthusiasts from different fields who apply their skills and hard work to identify unprivileged people and help them in order to try and make a change for the betterment of the society. Sharva provides blankets and food for many homeless people. The organisation has reached multiple cities such as Pune, Jammu, Haryana, Noida and New Delhi, with the ideology of making it a pan-Indian organisation. Working for the social well fare has always been admired by few volunteers and team members but a list of obstacles come within the working of every organisation, same goes with Sharva as well. The general mindset and approach that working for an NGO is for the sake of a certificate usually hinders the good work that NGOs do. Provide a detailed solution on how you can attract more people for working with such NGOs, not half-heartedly, but with complete interest and dedication. Also, how can volunteers be encouraged towards approaching the homeless and helping them out of their dire situation?

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3. U&I is a volunteer-driven charitable organization which believes in tapping every child's maximum potential, no matter their economic background. Their motto: There's only one you, with all your talents and abilities, that can impact someone's life. Their mission 'U&I Teach' invests in educating underprivileged children and women. Under this umbrella, they run a 360 degree Program where children are given a holistic education through science camps, field trips, art workshops and career building workshops, in order to build their confidence. Today, U&I reaches 1600 children in 20 cities across India. Their goal is to give every student the opportunity to shine in the classroom - and beyond. However, due to the pandemic, teaching has shifted online and learning via the mode of presentations has become monotonous. Your task is to provide an innovative solution, which can open new gateways of learning for the children, without the element of boredom. Your solution can be technical, in which case you need to explain all the work that may go into it.



TECHNOLOGICAL
ASSOCIATION'S



THE CHEMFEST
VORTEX 8.0



SOCIAL DEFINED PROBLEM

Vortex 8.0 has introduced a brand-new event this year- SDP to help NGOs across the country. So, let the creativity commence and bring us your best solutions in the form of a report and a power point presentation. Here are the general rules and protocols that need to be followed:

TEAM:

- You can make a team of 1, 2 or 3 participants.
- The team members should be able to communicate effectively and work cooperatively with each other and also with the event organizers, since the event will be taking place online.
- There are no restrictions on the number of participants from the same college.
- Participants from other colleges are allowed.
- False identity will lead to disqualification on the final day.

FORMAT OF THE REPORT:

- Minimum 2 maximum 5 pages, highlighting your solution.
- It can include tables and graphs but not any type of pictures.
- Font: Times New Roman, Font size: 12. The problem statement number and title given by the event heads should be the solution report title. The document should be named in the same way.
- The problem statement must be stated at the start, before the solution.
- The problem statement will be different for the next round and hence your report will be used only for the screening round.
- The report must be submitted on or before 11:59 PM, 27th February 2021



SOCIAL DEFINED
PROBLEM (GENERAL)



THE
GENERAL
series of events

RULES REGARDING THE POWER POINT PRESENTATION:

- The participants are expected to make power point presentations for round 2.
- The presentation should not exceed 20 slides, including the title slide.
- The duration of presentation should be a maximum of 10 minutes. No group will be allowed to exceed this.
- You should be able to explain your solution clearly in the span of 10 minutes.
- There may be follow up questions by the judges and hence the participants are expected to be prepared for the same.
- The presentation can include graphs, pictures and tables. However, the participants are expected to explain the graphs and tables if any.
- All team members are expected to take part in the presentation and explain the solution verbally.
- The slides cannot be skipped.
- Use of Foul and NSFW language, content or reference is strictly not permitted and will lead to disqualification.
- **Subtopics which must be compulsorily included in the report and the presentation:**
 1. A short introduction to your solution.
 2. The financial resources required for the solution to be implemented.
 3. The manpower required for the same.
 4. A proper time frame for the solution to work out.
 5. A sound explanation of why your solution is the best and most practical.
 6. Downsides of the solution.
 7. Valid references
- Any other relevant subtopics can also be included, however the ones mentioned above are compulsory.
- Plagiarism can lead to disqualification

FORMAT OF THE EVENT:

Round 1: Screening Round

For this round, participants are expected to send a typed pdf document as a report to explain their solution to any one of the problem statements been allotted by the event heads. This allotment will be final.

All entries must be sent to: ictvortex.sdp@gmail.com

The selection will be based on the creativity and the practical feasibility of the solution by the event organizers and the decision of these organizers will be final. The selected candidates will be informed via mail or personal contact.

Round 2: Final Round

The finalists will be allotted new problem statements and are expected to present a power point presentation to a panel of judges who will be the key personnel of the NGOs. It is mandatory for the person speaking to keep his/her video on. 3 finalists will be awarded based on the judges' decision.

NOTE: The judging panel reserves the rights to disqualify a team if any of the rules are breached. It is the responsibility of the participants to keep themselves updated. The event heads reserve the rights to change the rules of the event at any time and will do their best to update the participants about the same. The IP of the proposed solution will rest with the participants.

For any further queries, please contact:

Hazel Dhruve (Event head)- 9920311739

Ruchira Iyer (Event head)- 9699664164

Rucha Rane (Overall Event Head)- 7045748910

Best wishes and regards,
SDP Team, 2021.