



Shantilal Shah Engineering College, Bhavnagar

Organizes

Ideathon2020 on Thursday (14/05/2020) 3:30 pm

Under

The Digital Initiative SSEC- Dig-In@SSEC



Dig-In@SSEC organizes an Ideathon for the students of our college to come up with innovative ways to help industries and society in this Pandemic of COVID-19.

Ideathon is a brainstorming event, focuses on the uniqueness of the idea for the solution of the given problem. Participants have to come up with an idea and present them with explanation how it can solve the problem. Implementation practicability, in terms of technical, financial and commercial feasibilities are to be explained to showcase your line of actions towards implementation and execution of idea. Your solution may be explained using presentation of diagrams/ pictures, videos, programming or other tools.

The problems are collected from the industries of Bhavnagar regarding the challenges faced by them in the situation of Pandemic of COVID-19. The problems are in the areas of supply chain, lack of raw materials, requirements to reduce manpower, provide comfortable protecting devices/ clothes/shields, improve working environment, use of digital platforms and new teaching learning models. Upon thorough deliberations with the industry, following problem statements are finalized for the solution through innovative approaches.

1. Ways to help corona affected & needy people by tracking application/ software.
2. How to create 'Community Awareness and Responsible Behaviour' for COVID-19.
3. COVID-19 Pandemic Supply Chain Network.
4. Automatic Machine for Onion Plant Root Cutting.
5. Dust absorption during Milling Operation in Onion Dehydration Plant.
6. Work on a video meeting platform.
7. Semi-automatic loading/ unloading of casting (50kg) for shotblasting operation.
8. Job holding device for grinding operation (motor body max 50 kg).
9. Core assembly mechanism for auto components.
10. Auto temperature sensor & sensitization for employees.
11. Comfortable Protection devices/ clothes/ shield for office & shop floor people.

Registration:

1. Interested students have to register individually or in a team (not more than 3 students per team), with the following link by 13/05/2020.

<https://docs.google.com/forms/d/1AO-YVHGfxqvkh3S61ZYE5eGyFbcT6bjEI7synERLoxA/edit>

2. Interdisciplinary teams are encouraged.
3. Separate registration is required for different problem solution.
4. Helping guidelines for Ideathon shall be provided. The event shall be on Google Team Platform. Panel members from college and from industries will discuss with the team on the day.
5. All participation will be certified.
6. Contact Email & Number: mdvadhvani@prod.ssgec.ac.in (9909991656)