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DESH BHAGAT UNIVERSITY, MANDI GOBINDGARH

ATMANIRBHAR CAMPUS

Atmanirbhar Campus: A New Safety Precedence during COVID-19 Pandemic

Medical Services:

1. COVID Hospital
2. CORONA Vaccination Centre
3. Common Medical Centre
4. Intensive Care Unit (ICU)
5. 24×7 Ambulance Service

Essential Services:

1. Sanitizing Tunnel
2. Sanitizer and Mask Production Unit
3. Verka Milk Centre
4. Multi General Purpose Store (Super Market)
5. Kolhu (Oil Expeller)
6. Atta Chakki (Flour Mill)
7. Printing Press
8. Offset Printing Unit
9. Township Cafeteria
10. Yoga Centre

Medical Services

1. COVID Hospital

As the number of cases in the state was increasing during first wave of CORONA virus, the university was sketching out new strategies to control the spread of the novel CORONA virus. The University has converted Desh Bhagat Hospital into temporary COVID Hospital for patients, while its hostel were function as a COVID Care Centre accommodating up to 220 patients. Within a span of 2 days, a temporary COVID hospital with 30-oxygen bed was established. COVID hospital and a care centre are all set to function in the university campus. The hospital were planned in such a way that it has wards, including for single, double accommodations, even for a family depending on the availability.

2. CORONA Vaccination Centre

Another significant initiative has been taken by the University for COVID-19 vaccination by the support of State Government and Central Government. Vaccines help our bodies to develop immunity against the virus that causes COVID-19 without us having to get the serious illness. Awareness programs regularly conducted in the villages and university campus regarding benefits of vaccination and motivated them against fear.

3. Common Medical Centre

A common medical service were also initiated during COVID -19 pandemic offering routine medical and preventive care, focus on the treatment for common illnesses like colds, flu, typhoid, common injury etc.

4. Intensive Care Unit (ICU)

The Intensive Care Unit (ICU) is a separate area within the Desh Bhagat Hospital, equipped with high-tech specialized facilities for close monitoring, rapid intervention and often extended treatment of patients infected by the CORONA virus. Patient suffering from COVID-19 can have difficulty in breathing, and some cases, the problem gets so dangerous that people can't properly oxygenate their body and they require a ventilator.

5. 24×7 Ambulance Service

The 24 ×7 ambulance service of Desh Bhagat Hospital is constantly worked during the first and second wave of the CORONA virus. The ambulance service is not only availing by the university students and staffs but also by the peoples nearby rural areas. Ambulance is equipped with modern facilities to provide many critical medical services during patient emergency transport. Those facilities included apparatus that supply O₂ and monitor heart rate and blood pressure.

Essential Services

1. Sanitizing Tunnel

The virus that causes COVID-19 can stay on surfaces. It's possible for people to become infected if they touch those surfaces, and then touch their eyes, nose and mouth. In the majority of

situations, the risk of infection from touching a surface is low. The effectiveness of alternative surface disinfection techniques means external such as the use of sanitizing tunnel, ultrasonic waves and UV radiation. Sanitizing tunnels are effective in reducing the spread of COVID-19 virus.

Sanitizing Tunnels are disinfecting passage ways for human use, which sprays the person passing inside with high level disinfectant and sanitizer, killing 99 % of viruses, bacteria, mold, fungi and spores. The students of Desh Bhagat University has developed sanitizing tunnels for disinfection which is installed before the entry gate of the university buildings to prevent any infected people to enter the building. Essentially these tunnels spray a mist of sodium hypochlorite solution were used as a disinfectant or a bleaching agent, as you pass through them.

2. Sanitizer and Mask Production Unit

Hand sanitizer significantly helps in reducing various harmful bacteria, viruses and other pathogens which could harm the human body by 95-99%. Desh Bhagat Dental College and Hospital were established sanitize and mask production units. The motive is to produce COVID safety items within the university campus, and also to make it available for university staff, students and to local villagers. The establishment of such units makes Desh Bhagat University as an Atmanirbhar Campus.

3. Verka Milk Centre

Desh Bhagat University School of Hotel Management & Tourism were established various units during COVID-19 pandemic such Verka Milk Centre, Multi Purpose General Store and Oil Expeller Unit. The purpose is to provide edible items within the university campus which is preventing the virus spreading. A Verka Milk Centre is fulfilling the daily needs of students and staff staying in the campus.

4. Multi Purpose General Store (Super Market)

A Multi Purpose General Store was established in the Hotel Management for providing various daily use items within the campus such as rice, pulse, sugar, grocery items, electrical appliances, bakery items etc. During this pandemic, staffs and students are getting most of their daily use items with safety and security.

5. Kolhu (Oil Expeller)

Mini Oil Expeller is presently running in the campus to produce mustard seeds oil. It was established during the spreading of first CORONA virus wave. The small size, cheap, and superior function make it cost effective production of oil.

6. Atta Chakki (Flour Mill)

Due to the CORONA virus, most of the flour mills and shops were shut down as an attempt to prevent gathering and maintaining social distancing. So, an Atta Chakki has installed in the campus that allow grinding all types of grains and spices without any difficulty. The flour is much healthier than ready-made ones as it retains all the nutrients in the grains.

7. Printing Press

Desh Bhagat University offers broad in-house printing facilities such as flex, banners, leaflets, poster etc during this COVID-19 pandemic. This facilities availed by the staffs and faculties of the university.

8. Offset Printing Unit

The general purpose printing and binding facilities also exist in the university campus in this pandemic. Students can print and get binding their project report, dissertation, thesis and other related literatures.

9. Township Cafeteria

Students and staff are residing in the campus. An in-house cafeteria has been established near the faculty township and students hostels. Cafeteria serves tea, snacks, fast foods, and also serving the breakfast, lunch and dinner under COVID-19 Safety protocol. Coco-Beans also manufactures its own bakery products.

10. Yoga Centre

A stress management exercise help to students, teachers, non-teaching staffs and villagers for relieving of stress during COVID-19 pandemic. A yoga centre is established in the university campus opening daily in the morning and evening sessions to practice self-help methods which is

useful in minimizing their fears and anxiety. Yoga may also play important role in the psychosocial care and rehabilitation of COVID-19 infected patients.



Desh Bhagat Hospital



Corona Vaccination Centre



Intensive Care Unit (ICU)



Intensive Care Unit (ICU)



24x7 Ambulance Service



Sanitizing Tunnel



Fatehgarh Sahib, Punjab, India
J6GX+PV5, Fatehgarh Sahib, Punjab 147203, India
Lat 30.626062°
Long 76.24948°
22/06/21 03:01 PM

Verka Milk Center



Fatehgarh Sahib, Punjab, India
J6GX+PV5, Fatehgarh Sahib, Punjab 147203, India
Lat 30.625654°
Long 76.249109°
22/06/21 03:05 PM

D- BUZZ Super Market



Coco Beans



Coco Beans



Printing Press



Offset Printing Unit



Township Cafeteria



Yoga Center