| No | Name | Project Title | Project Description | Theme for the project | Sub-Themes for the project | Source | Type of Project | Reference
|----|------|---------------|---------------------|----------------------|---------------------------|--------|-----------------|--------|
| 1  | Mr. Yasir Latif | Distance maintenance alarm during pandemic requiring social distancing | A sensor will generate alarms that can be heard by the wearer of the device, which will work in line with the YASEEN project. The project should target all affected regions. The project can be further expanded to a community level. | Global Goal 3 Target 1.5 | 1.5: Implement social protection systems | Dec/Initiative | Interface | Arduino
| 3  | Mr. Tushar Ladd | 17 Tunnal [name] Reporting system | Reporting for important industrial people, WHO has been working on the TRACKING SYSTEM. The system has a display for showing the distance between the vehicle and the obstacle. | Global Goal 3 Target 1.5 | 1.5: Build resilience to environmental, economic and social disasters | Dec/Initiative | Interface | Arduino
| 4  | Mr. Manjeet Singh | Reverse parking assistance system | Reverse parking assistance system combines the use of radar and ultrasound to alert the driver when backing. The sensor has a display which displays the distance between the vehicle and the obstacle. | Global Goal 3 Target 1.5 | 3.6: Reduce road injuries and fatalities | Dec/Initiative | Interface | Arduino/Raspberry
| 5  | Ms. Amara Al Sakhboori | AI Based Chatbot for Specialization Process in HCT | AI-Based Chatbot for Advising Process in HCT. It will help students for clearing their doubts in the future. It will help students for clearing their doubts in the specialization process. | Global Goal 3 Target 9.4 | 9.4: Upgrade all industries and infrastructure for sustainability | Dec/Initiative | Software | Python
| 6  | Mr. Manavver Ali | Shoes sterilizer using microcontroller | Shoes sterilizer using microcontroller and Arduino microcontroller/Bluetooth is used to identify and report the shoe sterilization. | Global Goal 1 Target 9.4 | 9.4: Implement social protection systems | Dec/Initiative | Interface | Arduino
| 7  | Mr. Deevyank Agarwal | IOT Based weather monitoring system | IOT Based weather monitoring system is used to display the weather parameters such as Temperature, humidity, Atmospheric pressure, light intensity, UV index, wind direction, wind speed, temperature and simple molecular formula where molecular data will be used to identify and report the weather conditions. | Global Goal 1 Target 1.3 | 1.3: Implement social protection systems | Dec/Initiative | Interface | Arduino/Raspberry
| 8  | Ms. Ann Mary Varghese | Reverse parking assistance system | Reverse parking assistance system combines the use of radar and ultrasound to alert the driver when backing. The sensor has a display which displays the distance between the vehicle and the obstacle. | Global Goal 3 Target 1.5 | 3.6: Reduce road injuries and fatalities | Dec/Initiative | Interface | Arduino/Raspberry
| 9  | Mr. Manavver Ali | Contactless system using Bluetooth | Contactless system using Bluetooth for monitoring the user of the device which will work in line with the YASEEN project. The project should target all affected regions. The project can be further expanded to a community level. | Global Goal 3 Target 1.5 | 3.6: Implement social protection systems | Dec/Initiative | Interface | Arduino/Raspberry
| 10 | Mr. Deevyank Agarwal | Shoes sterilizer using microcontroller | Shoes sterilizer using microcontroller and Arduino microcontroller/Bluetooth is used to identify and report the shoe sterilization. | Global Goal 1 Target 9.4 | 9.4: Implement social protection systems | Dec/Initiative | Software | Python
| 11 | Mr. Deevyank Agarwal | Smart Stadium/ arena | The main idea of the project is to develop a hands-free practical heartbeat Sensor. Arduino based Heart Rate Monitoring System using a Heartbeat Sensor, working of the Heartbeat Sensor and Heart Rate Monitor System. You can find the Principle of heartbeat sensor. | Global Goal 3 Target 1.5 | 3.6: Implement social protection systems | Dec/Initiative | Interface | Arduino/Raspberry
| 12 | Mr. Deevyank Agarwal | Shoes sterilizer using microcontroller | Shoes sterilizer using microcontroller and Arduino microcontroller/Bluetooth is used to identify and report the shoe sterilization. | Global Goal 1 Target 9.4 | 9.4: Implement social protection systems | Dec/Initiative | Software | Python
| 13 | Mr. Deevyank Agarwal | Shoes sterilizer using microcontroller | Shoes sterilizer using microcontroller and Arduino microcontroller/Bluetooth is used to identify and report the shoe sterilization. | Global Goal 1 Target 9.4 | 9.4: Implement social protection systems | Dec/Initiative | Software | Python