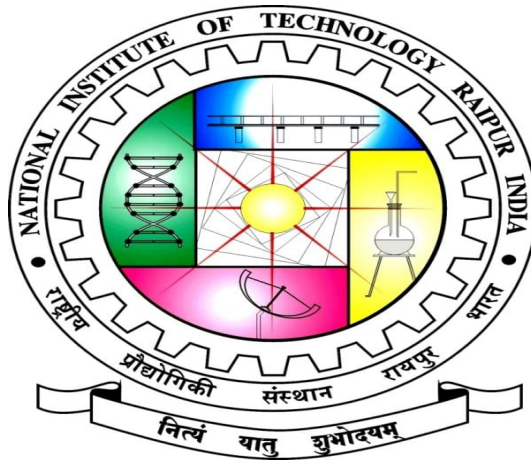


ASSIGNMENT-2

BIO MEDICAL ENGINEERING

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Section :-"A"(BME)

Topic :- Evolution Of Modern Health Care System

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Health care system is the one of the most important field which not only impact the golbal population but also plays a important role in the country's economy,development and industrilisation.

1 Drawbacks In Former HealthCare

The impulse for development in health care is due to some severe drawbacks in the past.The potential of diagnostic equipments were not enough to give proper information to the doctors about the disease and this is one of the reason why epidemics last for so long in the past.Due to lack of skilled doctors and accurate medicines the people were unable to get the effective medical treatment which also lead to low life expectancy.

2 Modern Health Care

Major surgeries that were impossible in the past are now manageable with the help of developed medical equipment



such as camera pill and artificial heart valves. Advancement in diagnostic equipment helps in better perception of the mechanisms that cause disease has improved the ability to prevent, diagnose, and treat common sufferings such as diabetes and heart disease. Telehealth platforms that can help patients to get the help they need at just the right time from the comfort of their homes. Major portion of patient's details is digitized, convenient for the doctors to access information easily. Augmented reality in healthcare sector made the medical procedures easier and more convenient for both medical professionals as well as for the patients.

3 Future Goals of Health care Sector

The golden triangle of ideal healthcare consists of accessibility, affordability, and quality. The sustainability of healthcare depends on the latter two, hence, we must look at how it can be made accessible for the communities we serve. Technology plays a vital role in present and future health care so it



is essential to spread the knowledge among people about new medical devices. Minimal human input devices run under algorithms so the safety of this data should be given importance.