

NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR(C.G)

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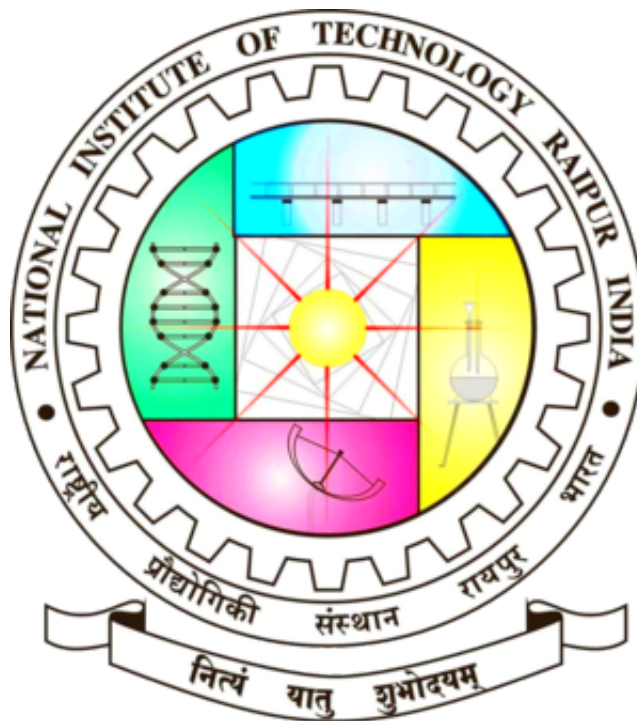


Figure 1: National Institute of Technology, Raipur

ASSIGNMENT-3 OF BASIC BIO-MEDICAL ENGINEERING
UNDER THE SUPERVISION OF DR. SAURABH GUPTA SIR

THE FUTURE OF HEALTH CARE

Nothing is more important than our health. All of us interact with the health care system to varying degrees, and we will continue to interact with it throughout our lives.

Healthcare is service, part of life, and also is the process to help the needy ones by providing medication and some other effective diagnostic things.

or

We can define the **Healthcare** is prevention, treatment, and management of illness and the preservation of mental and physical well-being through the services offered by the medical and connecting to the health problems to cure them effectively.

HOW IT IS BENEFICIAL FOR ALL OF US?

In general, in any location where healthcare is provided. Healthcare ranges from small clinics and doctor's offices to urgent care centers and large hospitals with elaborate emergency rooms and trauma centers.



Figure 2: FUTURE OF HEALTHCARE

In many countries, healthcare process may vary but according to our country INDIA if we are having any problem than we try to recover ourselves by taking medicines by first aid,by consulting nearest or small doctors,if it problem is severe than we consult with the best doctors so that we can get quick diagnose by medical services,therapeutic services,along with the best check up which is done by pathologies.

Healthcare facilities includes hospitals, clinics, outpatient care centers, and specialized care centers, such as birthing centers and psychiatric care centers.

If we compare our country's medical expenses than some other reputed countries , ours is quite cheaper than all other. It can benefit to the people in these causes or can provide services in the problems which is mentioned below:

- **Mental health care**
- **Dental care**
- **Laboratory and diagnostic care**
- **Preventative care:** helps detect or prevent serious diseases and medical problems before they can become major.
- **Physical and occupational therapy:** Physical therapy (PT) and occupational therapy (OT) are types of rehabilitative care. While they have similar goals and treat many of the same conditions, they also differ. PT focuses on restoring or improving movement, strength, and range of motion. OT aims to improve the motor skills you need to perform daily tasks.
- **Nutritional support**
- **Pharmaceutical care**
- **Prenatal care:** is the health care you get while you are pregnant. It includes your checkups and prenatal testing. Prenatal care can help keep you and your baby healthy. It lets your health care provider spot health problems early. Early treatment can cure many problems and prevent others.

How Health Care was?

In the past, we had so many problems with the healthcare because at the initial stage we are having very few doctors, physicians, nurses, therapist etc. We mentioned a graph by which we can take a look about the past that how many doctors performing treatment to how many of peoples:

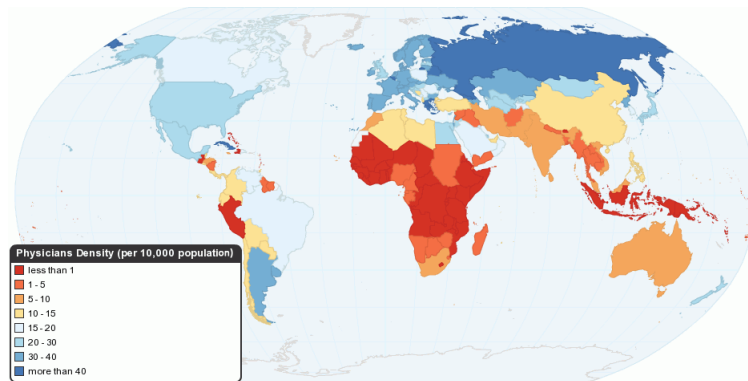


Figure 3: DENSITY OF PHYSICIANS IN PAST

The effects of COVID-19 on healthcare in India

With the COVID-19 pandemic putting even the world's most advanced healthcare systems to the test, India's healthcare system has also been disturbed. While usually sufficient, healthcare in India found itself on its knees by the ferocious second wave of COVID-19 in April 2021.

A devastated Indian healthcare system infrastructure was brutally exposed by the lack of oxygen and drugs required for the treatment of COVID-19 in India.

Additionally, the lack of awareness regarding healthcare insurance made it very difficult for the ordinary person to receive the full extent of in-patient care for COVID-19. Thus we are hoping we'll get the best healthcare services in future. Now peoples are involving his interest in social media so that there they can see many of the types of things related to modern healthcare' So they can easily get much aware about it.

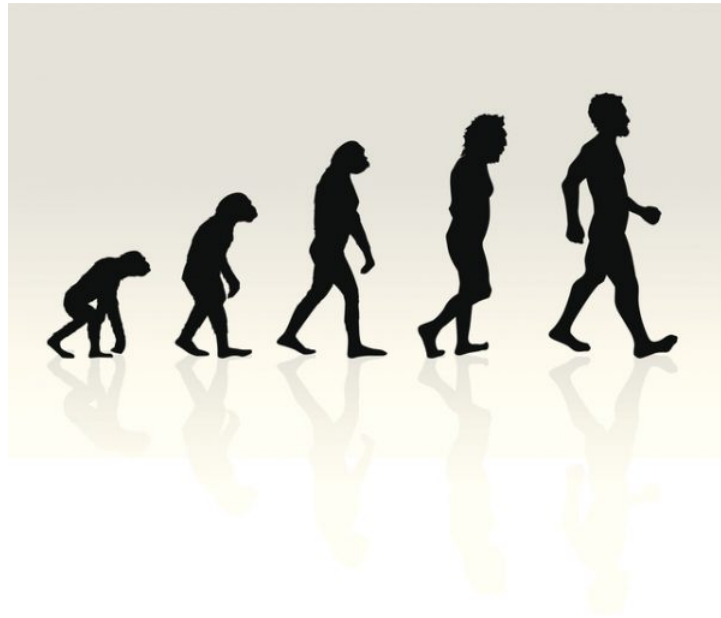


Figure 4: Peoples are getting awareness about Healthcare

Nothing is more important than our health.