**Best Practices for the Year 2019-2020**

**BEST PRACTICE – 1**

1. **Title of the Practice**

Blood Grouping conducted for Non-Science students and faculty.

1. **Goal of the Practice**

Many of the students of our college who are from Non-Science background do not have knowledge about various blood groups. Our goal was to spread awareness on types of blood group, transfusion diseases and avoiding internal-related marriages in order to protect the progeny from genetic disorders etc.

1. **The Context**

The Non-Science students were not aware of blood group types, blood disorders and genetic diseases arising out of internal-related marriages. They also did not realize that blood group type make some people prone to certain medical conditions.

1. **The Practice**

A blood type or blood group is a classification of blood, based on the presence and absence of [antibodies](https://en.wikipedia.org/wiki/Antibody) and [inherited](https://en.wikipedia.org/wiki/Heredity) [antigenic](https://en.wikipedia.org/wiki/Antigen) substances on the surface of [red blood cells](https://en.wikipedia.org/wiki/Red_blood_cell) (RBCs). Blood types are inherited and represent contributions from both parents. Almost always, an individual has the same blood group for life. Transfusion medicine is a specialized branch of [haematology](https://en.wikipedia.org/wiki/Hematology) that is concerned with the study of blood groups. The Department of Zoology took the initiative in this regard and sample of blood was taken from the participants and their blood group type was identified. They were then given an awareness of medical conditions of various groups, how to avoid transfusion disorders and to avoid internal-related marriages to prevent genetic diseases in the progeny.

1. **Evidence of Success**

The students and staff had a clear idea about blood group types; they were able to tell their particular blood group. They also became aware of how to avoid transfusion disorders and to avoid internal-related marriages to prevent genetic diseases in the progeny.

1. **Problems encountered and Resources required**

It was difficult to do Blood Grouping for all the college students. More number of personnel and test equipment will be required to take up the exercise for all the students and staff.

**BEST PRACTICE – 2**

1. **Title of the Practice**

Collage making on Covid-19

1. **Goal of the Practice**

Many of the students in our college did not have an idea about the impact of Covid-19. They had fear and anxiety about its implications. Our goal was to give these students an awareness about the pandemic.

1. **The Context**

The students of our college were a worried lot. They did not grasp the situation the society was going through. Making the students aware about protecting themselves and others from the pandemic was most important.

1. **The Practice**

The students were having online classes due to complete lockdown. Pandemic and complete lockdown were new terms to everybody. The whole society was going through fear, anxiety and many went into depression. There was chaos all-round. The Department of Microbiology in order to bring an awareness and protect everybody from Covid-19 gave an introduction about Corona through online mode. The students were guided about safety measures to take in order to protect others from Corona. The students then made a collage about protective tips to take by wearing masks, maintaining social distancing, washing hands frequently and sanitising the surroundings.

1. **Evidence of Success**

The students learnt to live with the new normal. They started taking precautionary measures and made their family also aware of practicing social distancing, wearing masks and lead a Covid-free life.

1. **Problems encountered and Resources required**

It was difficult at first to explain them about the pandemic, they were very afraid about the whole situation. That too through online mode as most of them did not know how to join online classes. Many of them did not have access to smart phones and internet.