

KRISHNA CHANDRA COLLEGE

Hetampur, Birbhum

(2020-21)

BEST PRACTICES IN OUR INSTITUTION

Best Practice I

- **Title of the practice:** *Leveraging technology in teaching-learning method.*
- **The context that required the initiation of the practice:** *The COVID-19 pandemic of the century has affected the world severely from the last part of the year 2019. Our country was not untouched by the pandemic. Due to the pandemic, our country also experienced a long phase of lockdown. The educational sector was totally disrupted as it was not possible to conduct classes in physical mode. So it was needed to conduct classes in online mode.*
- **Objectives of the practice:** *The main objective of the practice is to keep the teaching-learning uninterrupted during the pandemic. Another objective was to provide the benefits of the grant received under the strengthening component of the DBT start college scheme that helped to expand our infrastructure to the students to enhance knowledge and skills.*
- **The Practice:** *To keep the teaching learning unimpacted by the pandemic we have conducted classes in online mode. Our college has subscribed to G-suite in the first quarter of the academic year 2020-21. Also in this year four science departments: Chemistry, Physics, Mathematics, Zoology have received support from the Department of Biotechnology, Govt. of India under the strengthening component of the DBT Star College Scheme. With grants received from the scheme and together with technology, we have conducted a Faculty Development Program LMS & OER which has immensely benefited not only the faculties of our college but also many faculties of some neighbouring colleges. With this grant and technology, we have conducted several online workshops, Webinars, Lecture series, Quizzes, Hands-on training on C-programming, SCILAB etc. With these activities, students have got opportunities to interact with some of the renowned experts of the country as well as outside the country.*
- **Obstacles faced if any and strategies adopted to overcome them:** *The first challenge was to make students technology-friendly. Initially, the faculties have provided lots of training to the students to make them technology-friendly as some of our students come from the*

very backward area. The next challenge was to arrange financial support to conduct various online workshops, Webinars, Lecture series, Quizzes, Hands-on training. We have received financial support from the DBT which has helped to resolve the issue.

- **Impact of the practice:** *With this practice, we were able to provide uninterrupted better education during the lockdown period. We have also organized several online workshops, Webinars, Lecture series, Quizzes, Hands-on training on C-programming, SCILAB to enhance the knowledge and skills of the students. Students also got exposure to interact with renowned experts during the period.*
- **Resources required:** *Following such practice requires a large amount of manpower and time. The availability of a large number of dedicated teachers, non-teaching staff, and students makes it possible to continue such practice. Also organizing programs under this practice requires financial assistance.*

Best Practice II

- **Title of the practice:** *Green Initiative for Sustainable Future.*
- **The context that required the initiation of the practice:** *In the last century, the pace of industrialization resulted in many developments in the world. However, most industrialization caused severe damage to our environment by increasing pollution in the environment, reducing water resources. The pollution of the environment resulted in climate change, adverse effects on health. But stopping the whole process of industrialization is not a solution to the above problems. Instead, if we incorporate environmentally friendly resources into industries as well as in our everyday use, this practice may help stop the gradual deterioration of the health of our environment. Implementation of such a practice require proper awareness about various environmental issues.*
- **Objectives of the practice:** *The main objective of the issue is to aware the local population, students about the various environmental issue. Also, we want to convey the message that how we can prevent damage to our environment by properly following environment-friendly procedures.*
- **The Practice:** *To follow such practice we first aware newly admitted students to our college how global warming is leading towards ice melt in polar caps, in the Himalayas, and resulting in unusual floods and droughts in various regions of the world. We also made them aware of how the increase in carbon and other harmful particles in the breathable air causes various lung diseases. Also, as we are an agriculture-friendly*

country, our agricultural process requires a large amount of water, leading to some wastage of water. So we make them aware of how we can reduce carbon footprint by using alternative energy like using solar energy, using LED lights, and BEE star-rated appliances to reduce the usage of formal source sources of energy. In our college, we have fitted LED lights and BEE star-rated appliances to reduce carbon footprint. We also have a solar panel in our college to meet a small portion of our energy requirement. We train our students to switch off electronic appliances like lights, fans, desktops when not in use. We also monitor how they are applying the aforementioned practice. We also make them aware of how afforestation can be helpful for the restoration of health in our nature. We encourage them to actively participate in various activities that aim to increase vegetation. Also, encourage students to convey the message to villagers that how we can stop energy wastage, use green energy, etc. In our college, we also organize a tree plantation program to increase vegetation in our college. In our college, we have a medicinal garden which contains a vast variety of rare and valuable medicinal plants. We have also installed a rainwater harvesting system in our college to conserve water.

- **Obstacles faced if any and strategies adopted to overcome them:** Implementation of this practice requires large manpower, a great amount of time as well as patience. Due to the academic load the students, faculty members, non-teaching staff have little time to contribute to this practice. However, working in some extra time all the stakeholders have contributed to this mission.
- **Impact of the practice:** It is prudent to note that the outcome of such a practice can not be seen in a small amount of time. The outcome of such practice can only be seen globally after a large amount of time if a large section of the population contributes globally. However, some benefits of this practice may be seen locally such increase in the number of plants on the campus, storage of water, etc. Due to this practice, environmental awareness among the local people is gradually increasing.
- **Resources required:** Following such practice requires a large no of participation. The involvement of a large no of dedicated teachers, non-teaching staff, and students make it possible to pursue such practice. Also organizing programs under this practice requires financial assistance from various sources.