



Criteria – 7: 7.1: Institutional Values and Social Responsibilities

Best Practice – 2

1. Title of the Practice: Digital Practices in Teaching, Learning and Administration (DPTLA)

Objectives:

- To enhance learning experiences and to provide ICT skills
- To widen access to students through Moodle Classroom and Institutional Repository System
- To facilitate the training of ICT Teaching to faculty
- To deliver recent information with minimum time
- To promote research related activities among students
- To promote the paperless administration to reduce the usage of the paper to protect the environment

Context

- ICT may now be effectively employed as a teaching tool for improved educational outcomes.
- Using ICT in teaching and learning intensively and extensively has a significant and favorable effect on students' accomplishment, leading to improved knowledge acquisition, improved presentation abilities, and increased creative powers in students.
- ICT skills promote the entrepreneurial and employable skills among students along with better learning experience.

The Practice:

- The institution has 3 ICT enabled digital classrooms with smart boards and one virtual class room to promote digitalization in curriculum delivery.

- Usage googles classrooms and WhatsApp groups by each and every faculty to pass the information regarding classes and material
- Faculty are motivated to use the online assessing apps like Flickers, Google forms, Quizizz, Kahoot etc.
- Google Classroom is used to create a virtual teaching and learning environment.
- Introduction of usage of LMS content already available in CCE website
- The institution has subscribed NDL, IIT SPOKEN TUTORIAL, INFLIBNET-NLIST.
- The institution implemented the digitalization in the administration which includes updating the students' admission details, fee details, updating the details of the staff, payment through online, fee collection, UPI facility, etc. Individual E-Mails in domain, Exclusive social media Pages and Groups, SMS Tool used for communication purpose and dissemination of information.
- The institution induced digitalization in the examination section.

Evidences:

- ✓ 10 Students completed Online course 'Cyber security fundamentals' organised by IBM.
- ✓ Staff and students of our college completed 'Introduction to Computer in spoken tutorials' organised by IIT Bombay
- ✓ Our students are paying college fee through F-map.
- ✓ Admissions into various programmes through OAMDC
- ✓ Attendance of staff through FRS app
- ✓ Attendance of students through Jnanabhoomi app
- ✓ All the staff members are using digital class rooms
- ✓ In the pandemic situation of COVID-2019 classes and other teaching process done through google classes
- ✓ Faculty members are enrolling online courses like FDP, Webinars, Seminars, MOOCs, SWAYAM etc.
- ✓ Organising various online webinars
- ✓ College website is also dynamic to get an information regarding academics and administrative activities.
- ✓ Online grievances and redressal system

Problems Encountered

- ❖ Many of the students are from rural background. They are not aware of advanced technology.
- ❖ Technical issue confronted during usage of ICT
- ❖ Shortage of gadgets as students are from economically downtrodden background
- ❖ Security issues exists as online platform have been a fertile ground of cyber crime
- ❖ Conduct of online classes are failed due to power fluctuations, technical support. 1
- ❖ Resources like power supply, software technologists, Wi-Fi, internet were disturbed the system of ICT base teaching and learning.