



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bengaluru North University

Best Practice 2

Enriching Academic Excellence Through Blended Learning – 4 C Model

(Create, Conduce, Collaborate and Capacitate)





Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bengaluru North University

Best Practice 2

A Enriching Academic Excellence Through Blended Learning – 4 C Model (Create, Conduce, Collaborate and Capacitate)

Table of Contents

1. Title of the Practice	2
2. Objectives of the Practice	2
3. The Context.....	2
4. The Practice	3
5. Evidence of Success	4
6. Problems Encountered and Resources Required.....	5



PRINCIPAL

Kristu Jayanti College Autonomous
K. Narayanapura, Kothanur PO
Bengaluru - 560077



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bengaluru North University

Best Practice 2

1. Title of the Practice

Enriching Academic Excellence Through Blended Learning – 4 C Model (Create, Conduce, Collaborate and Capacitate)

2. Objectives of the Practice

- 2.1 To develop updated, simplified and comprehensive digital learning content-(Create)
- 2.2 To establish conducive and flexible learning, and embrace inclusivity through secured technology platform- (Conduce)
- 2.3 To facilitate active student engagement through interactive digital pedagogies ensuring lifelong learning- (Collaborate)
- 2.4 To build intellectual, ethical, aesthetic, emotional, social and spiritual abilities for holistic development- (Capacitate)

3. The Context

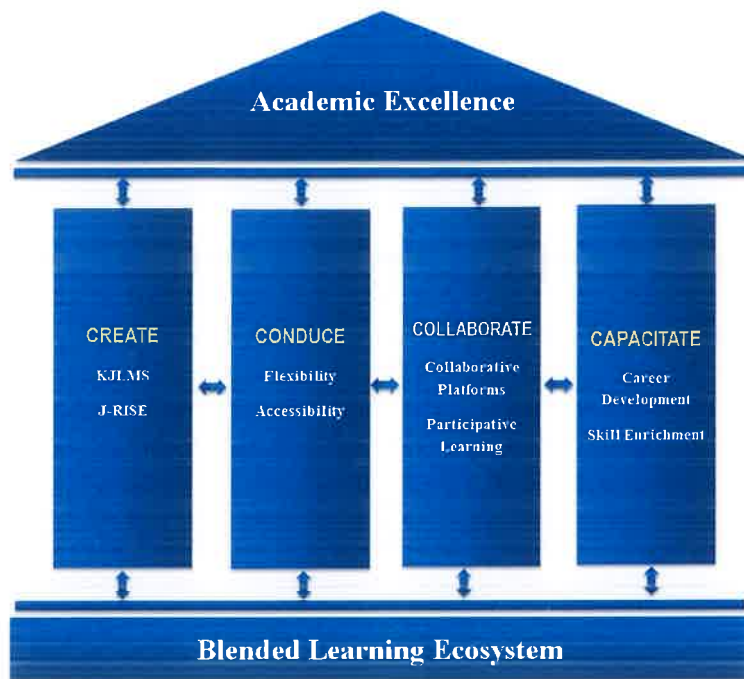
Human development has witnessed rapid technological changes and anthropogenic revolution in the digital landscape. The IT trends of industry 4.0 have opened new vistas for digital transformation in education. New trends and innovations in ICT have brought in plethora of learning opportunities and unprecedented changes in the mindset of Gen Z students. The expectations of digital natives have increased significantly and Higher Educational Institutions (HEIs) need to keep pace with this momentum of change in technological development. The technological impetus has demanded HEIs to experiment learning methodologies beyond the conventional methods. The challenges involved in engaging diverse learners and implementation of digital pedagogies in mainstream academic programme have triggered the institution to innovate teaching-learning methods. HEIs have to adopt to the changing times by introducing new paradigms of teaching-learning. In this context, the institution has implemented blended learning in the teaching-learning process for quality sustenance and enhancement.



4. The Practice

Digital acclimatisation is the need of the hour and it has been achieved by adopting blended learning. The 4C model of blended learning is presented below.

Enriching Academic Excellence through Blended Learning - 4 C Model



The practice encompasses:

4.1 CREATE

Digital Learning Content Creation

Kristu Jayanti Learning Management System (KJLMS) and Jayantian Repository of Information and Sustainable Education (J-RISE) are the digital interfaces created for blended learning. Orientation and training are provided to faculty members on content designing, development and management of KJLMS. Workshops are conducted on developing e-learning resources which are uploaded in J-RISE. The teaching plan of all teachers incorporates blended learning approach. Teachers are encouraged to incorporate interactive learning utilities available in KJLMS. The e-learning content for every course is reviewed for continuous improvement and effective implementation.

4.2 CONDUCE

Virtual Environment for a Conducive, Inclusive and Flexible Learning

All faculty members are enrolled to the respective courses and manage the e-learning content in the KJLMS. The faculty members are authorised to optimally use KJLMS. The KJLMS managers enrol the students of the respective courses. Secured platform is created through authentic login credentials. KJLMS provides learning content access anytime, anywhere and any digital learning device. This multimedia learning platform takes care of the needs of the diverse learners.



4.3 COLLABORATE

Student Engagement through Collaborative Learning and Assessment

KJLMS facilitates interactive and collaborative learning through flipped classroom wherein the students engage in active learning, being prepared in advance about the lecture. Besides, the KJLMS has facilities like discussion forums, breakout rooms, chat, gamification, assignment, seminar and quiz for effective student engagement. Moreover, the platform links with other related e-resources. Video lectures, blogs, mobile apps, vlogs are provided in J-RISE for convenient learning. Technical infrastructure is available for recording lectures and editing the video content. Virtual interactive learning is enabled through video conferencing tools. KJLMS has provision for assessment and grading the student activities and online examination.

4.4 CAPACITATE

Capacity Building for Lifelong Learning

Blended learning methodologies adopted have paved the way for capacity building of both faculty members and students. The institution has strengthened its ICT enabled learning capabilities through the usage of KJLMS and J-RISE platforms. Faculty members have been equipped with innovative and diverse teaching methodologies leading to professional enrichment. Faculty members are able to meet diverse needs of the students and build differentiated capabilities through digital pedagogies. This integrated model also brings in a culture of shared learning that recognises student competencies and learning abilities. KJLMS has provision for scaling individual learning performance of students and provide constructive feedback on students' performance. The 4 C model has seamlessly enabled the holistic development of students by fortifying their capabilities in the realms of knowledge, skills, values and attitude.

5. Evidence of Success

- 5.1 The teaching plan/course plan presentation of the faculty members at the beginning of the semester with the KJLMS ensured strict adherence to prepared content delivery design.
- 5.2 The blended learning approach has proved to be more aligned to pace, flexibility, convenience and adaptability of millennials.
- 5.3 KJLMS and J-RISE digital interfaces have provided a wide array of learning experiences like flipped classroom, participatory and collaborated learning, flexible and inclusive learning, testing high order cognitive learning capabilities.
- 5.4 The digital pedagogies and evaluation incorporated in the KJLMS focusing on diverse learners have improved the academic performance of the students when compared to conventional teaching-learning methods.
- 5.5 Comprehensive planning and detailing of course delivery with the required knowledge, skills, values, attitude and expected outcome through KJLMS have resulted in the attainment of course and programme outcomes.



5.6 KJLMS facilitates students learning through digital badges and self-paced nature of content improves the pace of learning.

5.7 KJLMS has reduced the hassles involved in evaluation process.

5.8 KJLMS and J-RISE have made the way for the institution's readiness to offer Kristu Jayanti MOOC in the future.

6. Problems Encountered and Resources Required

6.1 Problems Encountered:

- Multiple user accessibility was restricted due to the concurrency issues.
- Unstable network connectivity encountered by the students hampers the efficient delivery of learning content at times.
- Digital acclimatisation of faculty members who are digital immigrants requires time and training.

6.2 Resources Required:

- Annual budget allocation is required to build digital infrastructure.
- KJLMS has been upgraded to overcome concurrency issues.
- The institution had to invest in an exclusive server to support KJLMS.
- A substantial capital expenditure has been incurred to create a robust IT infrastructure for videoconferencing and online classes.
- Exclusive studio with post production facilities has been set up for video production.
- Licensing of videoconferencing tools and post production software has been procured.




PRINCIPAL
Kristu Jayanti College Autonomous
K. Narayanapura, Kothanur PO
Bengaluru - 560077