



# ICT TOOLS @ MARIAN



The extent to which ICT tools are integrated in the teaching and learning process of Marian College Kuttikkanam (Autonomous) is illustrated in this document.



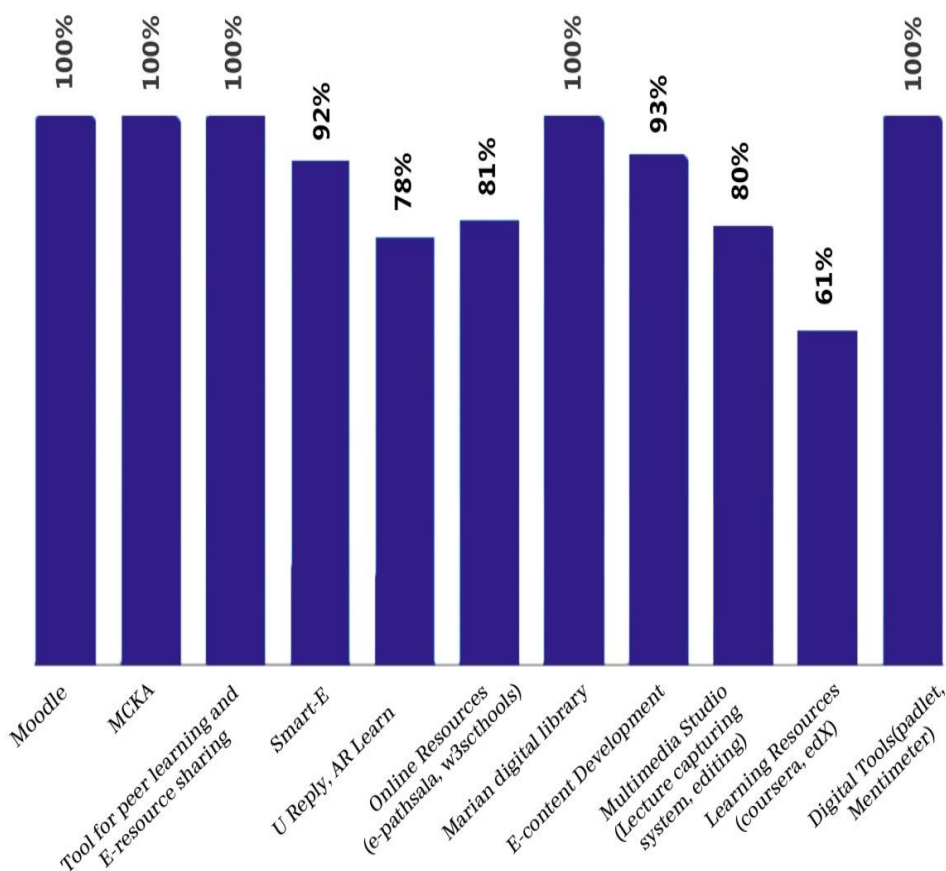


Criterion II - Teaching-Learning and Evaluation

**Usage of ICT enabled tools at Marian**

True to its vision of being an academic leader in the higher education scenario, Marian realized the importance of ICT Tools in Teaching Learning and Evaluation process very early. Following chart depicts extent of usage of ICT at Marian

**USAGE OF ICT ENABLED TOOLS AT MARIAN**



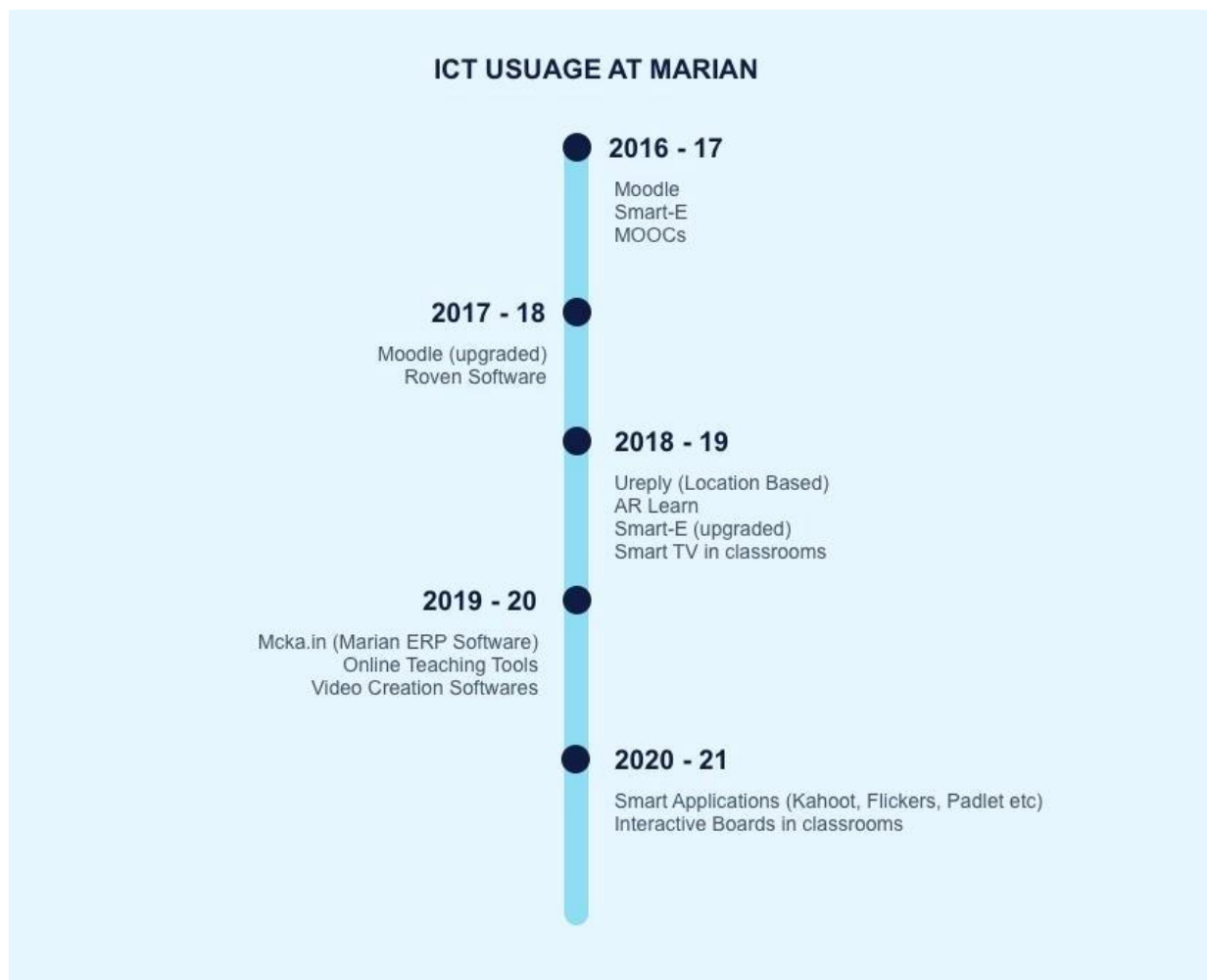


Criterion II - Teaching-Learning and Evaluation

Though ICT tools were used widely, the use of the same was on popular platforms provided by corporations like Google and Microsoft. Marian was among the first in Kerala to provide OHP projectors in all the classrooms and later they were replaced with LCD projectors. Marian also started to use Moodle to a limited extent.

ICT adoption- post 2016

Ever since Marian received autonomous status, application of ICT has permeated into almost all the facets of Teaching Learning and Evaluation and beyond. Given below is the year wise advancement of ICT adoption by Marian.





## Criterion II - Teaching-Learning and Evaluation

2016–17:

### ✓ Customized Moodle



Marian customized Moodle to integrate continuous internal assessment to its fold besides supporting delivery academic inputs. A staff was appointed to support the Moodle use by faculty and students

### ✓ Smart E

Smart-E is an application that was internally developed in order to manage the internal assessment process.

### ✓ MOOC

Many faculty members started to experiment MOOC as a learning platform. Students were also advised to use MOOC as a capacity building tool.

2017–18:

Implemented upgraded version of Moodle. Rovam software is used for certificate generation.

2018–19:

### ✓ U Reply (Location based) and AR Learn (Augmented Reality Based)

During this year, in association with Hong Kong Baptist University, Marian started using the location based students response system called Ureply and augmented reality based learning system called AR Learn.

### ✓ Smart-E (Upgraded)

It was during the same year, Marian upgraded the Smart-E software and automated generation of the semester end assessment question paper from a predesigned question bank. It has brought significant objectivity into the assessment process. Marian built adequate competency in this domain and has started to offer consultancy to other educational institutions.





## Criterion II - Teaching-Learning and Evaluation

### ✓Smart TV in classrooms



Big screen televisions were installed in the classrooms which replaced LCD projectors thus taking Marian to explore more complex and fascinating student engagement methods in classroom transactions.

2019–20:

### ✓mcka.in (Marian ERP software)



In this year, Marian automated its entire academic functions through dedicated ERP software called mcka.in. From admission of students to various programmes and publication of results are currently being done through this software. It also supports the teaching learning evaluation process and other administrative functions.

Faculty members of Marian started to offer consultancy services on Moodle customization to several educational institutions at national level.

### ✓Online teaching tools



This was also a year of pandemic. The proficiency of faculty members and students in the use of technology over the years helped to tide over the immediate vacuum created by Covid-19 pandemic in the face-to-face delivery of subjects. Hence there was a smooth transition to online mode of learning ever since the beginning of Covid19 pandemic created lock-down.

### ✓Video creation software



Faculty members started using various online systems in order to upgrade themselves. Almost all the teachers learned to use software that helped recording and editing of lecture sessions. Facilities of multimedia studio of Marian are used by the faculties for their e content development.





## Criterion II - Teaching-Learning and Evaluation

2020–21:

The continued lock-down saw Marianites evolving more into adept users of technology on Teaching, Learning and Evaluation. With the help of ERP software, the online classes were scheduled systematically and thus ensured proper delivery of online classroom sessions. Smart applications like Kahoot, Mentimeter, Padlet, Plickers were extensively used to support the pedagogical practices. During the beginning of 2021, interactive boards were installed in classrooms.

