

The background is a dark blue gradient with a complex pattern of glowing light blue circuit lines and nodes. A prominent feature is a large, multi-layered circular graphic in the center, resembling a lens or a digital interface element, with a bright blue glow and a dashed outer ring. The text is centered within this circular graphic.

DRISHTI –
Drive for the Digital

BEST PRACTICE – 1: DRISHTI-DRIVE FOR THE DIGITAL

“To change not only what we learn, but also how we learn is the need of the hour. The involvement of digital platforms, the virtual world, augmented reality, online libraries, and webinars are the new chalk and board of our education system.”

It was on August 20, 2014, that Prime Minister Shri. Narendra Modi gave approval for Digital India, a flagship programme of the Government of India with a vision to transform India into a digitally empowered society and knowledge economy. St. Albert's College (Autonomous) has always considered digitalization as one of the prerogatives in institutional development, and initiated its digitalization process in the same year, starting off with admissions. The College Management has given priority to the vision of the National Mission on Education through ICT (NMEICT) to leverage the potential of ICT, in teaching and learning processes for the benefit of all learners. Keeping up with Kochi evolving as a smart city, St. Albert's College (Autonomous) also aims at becoming smart, beginning with educational initiatives and then spreading to other aspects too.

St. Albert's College has from its very inception, looked at nation-building as one of its missions and hence the Digital India Programme was given priority in its Institutional Development Plan. The management and IQAC of the College have taken special attention to bringing in state-of-the-art facilities to equip the college to be digitally smart in every aspect including educational services, admissions, management information systems, digital documentation for the paperless offices, examinations etc., to name a few. The College has been at the forefront in equipping the teaching and student communities with updated skills in the realm of information technology giving utmost importance to the smooth conduct of blended learning as envisioned by the UGC. This has initiated a transformation in the teaching and learning processes of the Institution, as well as the competence of students in their respective streams of learning.

The College had already developed and established the online admission portal in the academic year 2014-15, becoming the first aided college in Ernakulam to have conducted the admission process through online registration. In the academic year 2016-17, the College significantly improved upon the already existing system by establishing the EduAlberts Portal which encompasses the Faculty Portal, Student Portal, Examination Portal, and Student Feedback

Requisite/Additional Documents of Criterion 7.2.1
St. Albert's College (Autonomous)

Portal. The College also installed its own local web server to host EduAlberts Portal considering the security aspects and confidential nature of the same.

The online faculty portal enabled the faculty members to document and update details regarding the faculty profile, the courses they taught, the timetable, student attendance, internal marks, etc.

The EduAlberts Student Portal was set up to be used by the students where they would be able to log in using their roll number and date of birth, enabling them to keep track of their attendance, and results, updating certificates and details of their participation in academic as well as extra-curricular activities, awards/honours received, details regarding certificate courses, scholarships received, fees, etc.

EduAlberts Examination Portal was set up to aid the examination wing to manage the online question bank, student details, generation of hall tickets, examination timetable, entry of marks, assigning Invigilators, publishing the results, etc. The examination portal also included the question bank portal connected to the faculty portal so that faculty members could add questions to the existing question pool, each semester to strengthen the online question paper generation system.

The College installed a local web server (HP DL-380 Gen-9 rack server) to host the EduAlberts Portal.

Adding to the facilities already available, in the academic year 2017-18 the College developed the Online Fee Payment Portal for students and linked the same to the EduAlberts Student Portal. The online fee payment system allowed the students to pay their tuition fees, examination fee, etc. easily and in a paperless manner as well, adding to the Green Campus initiatives of the college.

The year also witnessed the College installing Wireless Network Access Points across the campus, enabling the students and faculty members to use internet facilities with ease while they were on campus.

The College also upgraded the previously existing 200 Mbps network bandwidth to 280 Mbps in the academic year 2017-18.

During the academic year 2018-19, St. Albert's College (Autonomous) improved upon the already established Digitalization Process.

*Requisite/Additional Documents of Criterion 7.2.1
St. Albert's College (Autonomous)*

The Faculty Feedback Portal and an updated version of the previously existing Student Feedback Portal were added to the EduAlberts Portal during the academic year. The Student Feedback Portal was updated including feedback questions on the Curriculum, College infrastructure and other facilities of the college.

Student Transfer Certificate Generation was automated and added to the EduAlberts Portal which eased the generation and distribution of Transfer Certificates.

The College also started assigning email IDs with institutional domains (e.g., classnumber@student.alberts.edu.in) to students and faculty members (e.g., name@alberts.edu.in) during the academic year 2018-19.

In 2018-19, the network bandwidth of the college was increased from 280Mbps to 1000Mbps, which helped to improve the efficiency of all the digital facilities of the College.

In the academic year 2019-20, the College added several new features to the EduAlberts Portal, thereby improving the digitalization process which was initiated in the year 2014-15. Adding to the existing features, the college added more features such as Online Students Grievance Portal, E-Filing System and Student Transcript generation.

Online Student Grievance Portal was added to the EduAlberts Portal. This enabled students to submit their grievances through the portal as well as track the progress of the grievance redressal process through the same.

e-Filing System was added to the EduAlberts Administration Portal, which enabled the administrative office to file all the necessary documents in a paperless manner. This would aid the easy retrieval of the stored documents at a later point in time if needed.

The College also initiated its own Learning Management System in the academic year 2019-20 to help students access their lessons and study materials online.

Generation of Student Transcripts was added to the EduAlberts Examination Portal. Through the establishment of the same, the generation of transcripts became easier and faster so that the students were able to receive the transcripts without much delay.

In 2019-20, the network bandwidth of the college was increased from 1000Mbps to 1800Mbps, improving the smoothness of all digital activities associated with the Institution.

Requisite/Additional Documents of Criterion 7.2.1
St. Albert's College (Autonomous)

The process of learning has undergone rapid changes over the years. While the growth and development of technology have always been fast, the unprecedented circumstances of the Covid-19 pandemic accelerated this growth even more. Today, the teaching-learning experience is deeply influenced by the efficiency with which knowledge can be recorded, shared and disseminated. The importance of the role of e-content development cannot be undermined. Being a pioneer in higher education, St. Albert's College (Autonomous) kept up with changing times.

Dedicated to making education available to all under all circumstances, the College opened Accordion, a fully equipped recording studio with the aim of producing a roster of visual learning media to aid students in the online learning process. Teachers from all the Departments of the college recorded and continue to record 20-30-minute-long videos explaining selected topics from the syllabus, actively aided by PowerPoint presentations and other visual media presented on the smart interactive TV.

The unique Albertian English Learning Programme has also been successfully adapted into its e-content version. These materials will play a major role in remaining as easily accessible, ever-evolving pathways of learning, remaining for the use of existing students and the ones to come.

The Albertian News, the weekly online news broadcast of all the events and achievements of the college is also recorded and released via the Accordion. This programme also blends the participation of students and teachers and keeps the staff and other well-wishers of the college up-to-date on all the commendable activities of the institution.

The nature of learning has changed drastically over time. Technology is no longer an option, always keeping up with changing times and adapting to such dynamic environments. St. Albert's College (Autonomous) further developed its Learning Management System, the Albertian e-Learning Platform, an online learning space for teachers and students. This allowed teachers to promptly upload online study materials and recorded classes, thus forming a good corpus of subject material. It also gave students the flexibility to access them as and when required. This Learning Management System makes the learning experience flexible, accessible and in pace with the globally developing online educational resources. The courses, fully developed by teachers are also available for learning communities from around the globe, with many courses already having learners from outside the college. The Learning

Management System also helped the college get closer to the achievement of an effective blended teaching-learning process.

Smart Interactive TVs are installed in the classrooms, as a one-place solution ensuring the availability of all online resources at the touch of a finger, aiding teachers in their daily classes, and enhancing the visual knowledge capacities of students as well. The quality of student presentations and seminars was also enhanced by this. Currently, around 46 Smart Interactive TVs have been installed and once the process is completed, the institution would be equipped with 80 Smart Interactive TVs.

The College believe that the digital transformation of the country is underway and the digital evolution of the economy and society is possible only through digital education. Education is not anymore limited to textbooks and classrooms; it has become an amalgamation of technology, innovative learning, and digital content. All efforts are being made to uplift the standard of digital infrastructure to help facilitate the utilization of innovative educational tools.

Since digital tools and platforms are becoming ever more integral to one's personal and working lives digital learning increases access to education and knowledge while empowering students with a mindset and capabilities that sets them up for success in their present and future. Embracing and adopting the digital culture on the campus leverages modern technologies or updates existing platforms to make room for innovation. As student demands change and the education environment shifts, having a modern ecosystem that can adapt over time will give the College an edge.

The College also understands that moving digital is more than online teaching, it is changing the environment. A digital campus, with all aspects, can perform a crucial role in enriching the campus's structure and culture to ensure the quality assurance of teaching, research and administrative management using actual innovative technologies. Therefore, the Albertian Digital campus is an academic education approach which provides anytime and anywhere access to learning, research, meeting the industry, as well as administrative content.

BEST PRACTICE 1: DRISHTI – DRIVE FOR THE DIGITAL

<i>Document Title</i>	<i>Link for the Document</i>
Digital Infrastructure Management Manual	https://www.alberts.edu.in/wp-content/uploads/2022/09/DIGITAL-INFRASTRUCTURE-MANAGEMENT-MANUAL .pdf
Digital Facilities on Campus	http://www.alberts.edu.in/wp-content/uploads/2022/10/Digital-Facilities.m4v
ICT-Enabled Teaching	https://www.alberts.edu.in/naac-category/2-3-2-ict-enabled-teaching/
E-Content Developed by Faculty Members	https://www.alberts.edu.in/academics/e-content/
Albertian News	https://www.youtube.com/channel/UCDxDpxs-flkQay13_bl_v4Q/videos
<i>Additional Documents</i>	
IT Policy	https://www.alberts.edu.in/wp-content/uploads/2022/09/IT-Policy-2.pdf



St. Albert's College (Autonomous)

An initiative of Educational and Charitable Trust of Archdiocese of Verapoly

Banerji Road, Ernakulam, Kochi - 682018 Kerala, India | Office: 0484-2394225
Fax: 0484- 2391245 | website : www.alberts.edu.in