



Rayat Shikshan Sanstha's  
**CHHATRAPATI SHIVAJI COLLEGE, SATARA**  
**(Autonomous)**

**Digital Infrastructure: Speeding up Learning**  
**(ICT INFORMATION)**

Sr.No	Digital infrastructure Detail	Quantity	Location /Room No.	Particular Department /Room
<b>PART-I</b> <b>ICT INFRASTRUCTURE</b>				
1	Number of Smart Classroom & and interactive boards	03	LRT-210	Geography/Economics/English
2	Virtual Classroom	02		Geography/Economics
3	ICT enabled classroom with LCD projector/Smart Board	32	Old Building+ LRT	Classrooms
4	Number of classroom with Wi-Fi/Lan facilities	32	Old Building+ RT Bhavan	English /Political Science/Geography/Economics/Sociology/B.Voc Department
	Number of classroom with LMS facilities	17	LRT	English /Political Science/Geography/Economics/Sociology/B.Voc Department
5	ICT Lab/Computer Laboratory	01	LRT G 03	Yuvak kalian Kaksh

	Post Production Studio	01	LRT 405	B.Voc Departmente
	Audio Visual Studio	01	LRT 406	
	Radio Studio	01	LRT 47	
6	Dept.Computer lab	06	LRT 107, LRT 204, LRT 205, LRT 206, LRT 207, LRT 208	Geog./Eco./Eng./
7	Seminar Halls With ICT	02	14,15	College Seminar Hall
8	Media Center	01	-	B.VOC
9	Studio	01	-	B.VOC
	CCTV	53	LRT, Adm.Build., Library,Host el	College Campus
10	Computer and Laptop	289	Acade.Dept. & Support Services	All College
11	Interactive Whiteboard	29	LRT	Ramsheth Thakur Bhavan & old Bld. (26+ 3)
12	Interactive Projector	29	-	Ramsheth Thakur Bhavan & old Bld.Classroom
13	Big Interactive LED/LCD Panels	04	-	Dept.of Geography/English/Economics/Hist ory
14	Digital Podium	01	14	Auditorium
15	Digital Library and Automation of Libraries	01	Shivaji Library	College Library
16	Educational Games	12	-	All Department
17	Classroom Activity	--	Google Classroom	Google Classroom all Department

	Management Software			
18	Homework Submission and Review Software	---	Google Classroom	Google Classroom all Department
19	Wi-Fi Campus	College		College Campus
20	Bio-metric Attendance System	01	Office	Teaching and Administrative Staff
21	Electronic Notice board	02	Office, Yuvak Kalyan Kaksh	Display Notices for Student and Faculty
22	Automatic Weather Station	01	Office	College Campus

**PART-II-  
ICT Tools /Cloud-based E-learning Initiatives by Faculty**

<b>A.</b>	<b>Common Technology-based tools</b>			
1	<ul style="list-style-type: none"> <li>• Computer</li> <li>• Laptop</li> <li>• LCD</li> <li>• Smart Board</li> <li>• Digital Photocopy Machine</li> <li>• Digital Audio and Video devices Software's</li> <li>• Digital Camera</li> <li>• Scanner</li> <li>• DVD player and multimedia projector Pen Drive etc.</li> <li>• CCTV</li> <li>• Public Address System</li> <li>• Podium</li> </ul>			College/All Academic Department
<b>B.</b>	<b>Web-Based Learning tools</b>			
2	Kahoot	-	Web-Based	Geography, History

3	GoogleClassroom	-	Web-Based	All Department
4	Blog	-	Web-Based	Faculty
5	Yuo-tube Channel	-	Web-Based	Faculty
6	Google Forms	-	Web-Based	All Departments
7	Classmarker	-	Web-Based	Geography,History,Hindi
<b>C</b>	<b>Educational Networking tools-</b>			
8	QR code for notes		Matrix barcode	Geography,Library
9	English Language Laboratory-softwares		softwares	English
10	Digital coding in library		Library	Library
11	Use of RayatKnowled ge Bank		Rayat Website www.csc.ac.in	All Departments
12	SWAYAM	Web Portal for online courses	UGC,HR DC	Faculty/PG Student
13	MOOCs Platforms	online courses	Difft.Platforms	Faculty
14	E-PG Pathshala		Online	All Dept.
15	Khan Academy		online	
16	INFLIBNET for online access to e-resources		Online	

17	NPTEL		Online	
18	Social networking sites for Research – Research Gate, Indian Citation index,		Online Registrati on	Research laboratory
<b>D</b>	<b>Mobile Learning tools-</b>			
19	Mobile Education		Online	All Department
20	Educational Apps	40	Online	All Department
<p><b>Educational Apps</b>  <b>English:</b> Grammarly, online dictionaries, Hallo English, English Grammar Test, English Conversation Task, English Tenses, English Pronunciation  <b>Marathi:</b> Marathi <i>Subhashit</i>, <i>Tukaram gatha</i>, <i>Athavanitil Kavita</i>, <i>Dnyaneshwari</i>, <i>Marathi Kadambarya</i>  <b>Hindi:</b> Ramcharit Manas, Godan, Munshi <i>Premchand ki Kahaniya</i>, Hindi-English Dictionary, Hindi <i>Vyakran</i>, <i>Muhavare evam Lokoktiya</i>  <b>Sanskrit:</b> Geeta for Android, Sanskrit-Hindi Dictionary, <i>Siddhant Kaumudi</i>, <i>Panini</i>, <i>Ashtadhyayi</i>, <i>Wikitrack</i>, Sanskrit and <i>Subhashitani</i>  <b>History:</b> Indian History, World History, Historical Dictionary, History GK, Indian History Quiz and Books, History in Pictures, World History  <b>Political Science:</b> Political Science Terminology, Political Science and Politics, Indian Political GK, Political Science Trivia, Bharatiya Rajniti  <b>Geography:</b> Google Map, World Geography Quiz Game, Indian Geography, World Geography, Geographical Dictionary, Geographical Terms, Geographical Facts  <b>Economics:</b> Basic Economics, Economics Quiz, Economical Terms, Economical GK, Indian Economics Quiz  <b>Sociology:</b> Sociology Guide, Sociology Terms, Sociology Dictionary, Social Theory, Sociology in Hindi</p>				

- Learning Management System (LMS) & E – Learning Resources-

- Teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. All assignments , Study material and Online tests are conducted and e-assignments are given through (LmS) ‘MOODLE’ software/Google Classroom. Faculty developed classwise Thirty Eight modules of different academic subject (UG /PG, B.Voc, PGDDC) on this platform

### Facility of G Suite -

- The each and every department of college has adopted G suite facility for Education is a collaboration tool with a bundle of learning and teaching apps offered by Google. It was initially known as Google Apps for Education. Some of the most notable G suite apps are Google Classroom, Google Meet, Gmail, Assignments, Jamboard e.t.It Offers unlimited cloud storage for faculty. All Files are stored on Google Drive.
- **G suite:** Google’s video conferencing tool is called Meet and is available as a web app. Students can easily join a Meeting via invite link or code. The free package comes with a limit of 100 participants Recordings are stored on Google Drive.

### • E-resources and Techniques

The different e-resources and techniques used by the faculty for effective teaching learning and evaluation process are as follows:

**Electronic information resources** are **information resources** provided in **electronic** form, and these include **resources** available on the Internet such as..

Sr.No	E-resources and Techniques
1	E-Books
2	E-Journals
3	e-news paper
4	CD-ROM Databases
5	Computer –Based <b>Electronic</b> Networks
6	INFLIBNET and other e-resource
7	websites i.e. Open Universities like YCMOU and IGNOU, Tilak Maharashtra Vidyapeeth

8	Use of Rayat Knowledge Bank
9	Satalite imagery
10	Online arail photograph
11	(N-list and NDL)-e-journal
12	Educational apps

The college has following **facilities for e-Content development** such as Media Centre, recording facilities, Lecture Capturing Systems (LCS) Video Communication and Recording Facilities

<b>Sr.no</b>	<b>Facility/Document</b>
<b>1</b>	Media Centre
<b>2</b>	Audio-Visual Centre
<b>3</b>	Lecture Capturing System (LCS)
<b>4</b>	Mixing equipments and software for editing
<b>5</b>	Sample videos of Video Lectures

### **1) Video Conferencing Units:**

Video Conferencing unit is audio-visual hardware that enables video conference meeting. It includes cameras, microphones, speakers, remote controls, LCD Projector etc. These are installed in a meeting room with a monitor so that conference participants can collaborate with colleagues in a remote location. It includes one-to-many conferences such as livestream broadcast to talk and see each other.

### **2) Smart Slet (tab) with wi-fi connectivity/smart boards:**

The Smart Slate can be used to control on-screen learning applications, write and draw in digital ink, or open and view files on a connected computer or on a Smart Board interactive whiteboard with Wi-Fi facility.

### **3) Visualizers:**

In College has visualizer . It is an image capture devices for displaying an object to a large audience.

### **4) Public Address System Podium:**

The College has multi-functional metallic podium has number of input/output ports such as USBs, HDMI In/Out, VGA In/Out, Audio In/Out, Ethernet etc. device is used to deliver interactive lecture or presentation

electronically.

**5) Interactive Board:**

Departments of our college having interactive board. It is connected PC, such as a web browsers or other software used in the classroom. It is used for capturing and saving notes written on a whiteboard to the connected PC.

**6) High Resolution Camera for video shooting**



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**Principal**  
Chhatrapati Shivaji College  
Satara.