



## **Sri Venkateshwara Government Arts and Science College**

**Palem-509215, Nagarkurnool District.**

Recognized by UGC under sections 2 (f) and 12 (b) of UGC act 1956

**Affiliated to Palamuru University, Accredited with NAAC "B+" Grade**

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### **2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.**

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long-term learning. Also in this pandemic situation, it is apt to adapt blended mode of teaching-learning for effective way of sharing knowledge. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following ICT tools are used by the Institute:

- 1. Projectors- 12 projectors are available in different classrooms/labs.**
- 2. Desktop and Laptops- Arranged at Computer Lab.**
- 3. Printers- They are installed at all prominent places.**
- 4. Photocopier machines - Multifunction photocopiers are available at all prominent places in the institute. There are 02 Photostat machines available in the campus.**
- 5. Scanners- Multifunction printers & scanners are available at all prominent places.**
- 6. Seminar Hall -Seminar Hall is equipped with all digital facilities.**

7. **Smart Board-** Two smart boards are installed in the campus.
8. **Virtual Classroom -** It is digitally equipped with a mike, projector, cameras and computer systems.
9. **Online Classes** are taken through Zoom, Google Meet, Microsoft Team, Google Classroom.
10. **UGC NET Centre:** UGC Net Centre is equipped with 8 Computers with a High-Speed Internet Facility.


### **Use of ICT by faculty:**

- A. **PowerPoint presentations-** Faculty is encouraged to use power-point presentations in their teaching by using LCDs and projectors. They are also equipped by a digital library, online search engines, and websites to prepare effective presentations.
- B. **Industry Connect-** Seminar and Conference room are digitally equipped where guest lectures, expert talks, and various competitions are regularly organized for students.
- C. **Online quiz-** Faculties prepare online quizzes for students after the completion of each unit with the help of GOOGLE FORMS.
- D. **Video Conferencing-** Students are counselled with the help of Zoom / Google meet applications.
- E. **Video lectures-** Recording of video lectures is made available to students for long-term learning and future referencing.
- F. **Virtual Classrooms:** Virtual class rooms are more different than PPTs and Projectors. In virtual class rooms, teacher from any college in Telangana Govt. Colleges can teach and students from our college can listen, ask doubts and communicate with teachers. It is also possible that our college teachers teach in Virtual class room and other college students listen to classes.

**G. Online competitions-** Various technical events and management events such as Poster making, Ad making , Project presentations, Business quiz, Debates, paper presentations, etc. are being organized with the help of various Information Communication Tools.

**H. Workshops-** Teachers use various ICT tools for conducting workshops on the latest methods such as programming languages, simulations etc.

**I. You tube Channels-** Teachers are instructed to record their content and made available in their customized you tube channels by which not only our institution students but also other students throughout the globe might be benefitted.

  
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## **SRI VENKATESHWARA GOVERNMENT ARTS & SCIENCE COLLEGE, PALEM**

### **ICT Facilities Available in the Institution**

Apart from the formal classroom teaching incessantly to the utmost satisfaction of the stake holders, perfect system is evolved with regard to the ICT facilities and implemented flawlessly in the college.

The outcomes of them are being benefited largely and greatly by the students while deriving the curriculum aspects for their future career progression.

#### **I. 2 ways of internet connections:**

- (a) BSNL Internet Connection(100MBPS+100 MBPS)**
- (b) 'JIO -Wi-Fi' Connection**

In view of providing immense information and building up their inner and outside personality –Internet facility is available for the faculty and students in the way of elevating ICT facilities through internet. The staff would make use of the internet facility exclusively in the preparation of study material either for classroom teaching or for the distribution of it to the students. The staffs correlate their subject inputs with contemporary advances with the help of internet facility. The students too find and develop curiosity to add some more points to their subjects with the internet source.

#### **II. Teaching learning Process with ICT:**

As the many radiant advances are in compassing in the field of knowledge in the modern world-The “ICT tools “ play vital role in updating , presenting and

proving one's own innovative thoughts truly as the mind's replica in the process of proliferation of ideas , thoughts and impressions . This institution of higher learning has been extending thoroughly and perfectly with the under mentioned.

### **III. ICT Infrastructure:**

- (a) 2 digital classrooms and 2 class rooms are equipped with LCD Projectors
- (b) 1 virtual classroom.
- (c) T-SAT Facility classrooms.
- (d) Net Resource centre with 40 computers.
- (e) TSKC Lab with desktops.
- (f) 75 desktops in the service of students.

The staff members and students make use of the above facilities for strengthening teaching learning system in the college. The students would find the pleasure of the using the ICT Tools in the library one hour before and one hour after the college working hours. Besides this “Jio Net wifi” facility is also provided to the students in the campus.

### **IV. Conduction of TSKC:**

Because of this ICT facilities available in the institution, many TSKC programmes are conducted successfully and the majority of the students derived the benefit of such programmes and training to build up their career and employment capacity.

### **V. Installation of CC Cameras for the protection of ICT systems:**

While modern methods of teaching and learning activities are actively in progress with the existence of ICT infrastructure, the CC cameras are installed in the campus for the protection of it.

**SRI VENKATESHWARA ARTS & SCIENCE COLLEGE**  
**PALEM**

**Use of ICT tools and Resources available**

<b>SL No</b>	<b>ICT Tools</b>	<b>Existing</b>	<b>Total Number Available</b>
1	Smart Boards	4	4
2	Over Head Projector	4	4
3	LCD Projector	12	12
4	Desktops	75	75
5	Pen Drive	2	2
6	Printer	10	10
7	Photocopier	1	1
8	Scanners	1	1
9	DVDs and CDs	12	12
10	Portable Public Address System	1	1
11	UPS Invertors	4	4
12	CCTV Camera	8	8
13	Bio-Metric Devices	2	2

Note: The ICT tools and resources mentioned in the above table are scattered among the various departments of the college. Its documentary evidences are also being maintained at department level.