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SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

(Sponsored by Sri Vasavi Educational Society)

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

Pedatadepalli, TADEPALLIGUDEM – 534 101, W.G. Dist, (A.P.)

4.3.1 IT FACILITIES AND SUFFICIENT BANDWIDTH FOR INTERNET CONNECTION

IT facilities provided in the college are crucial for supporting the educational and administrative functions of the institution.High-speed and reliable internet connectivity with **640 MBPS** is shared among different departments.Keeping IT facilities up to date and upgrading hardware, software, and networking infrastructure helps improve performance, security, and overall user experience.

The robust internet connection in the entire campus benefits activities like research, online learning, and accessing cloud-based resources, which require reliable and high-speed connectivity. College is provided with adequate bandwidth which prevents network congestion and slowdowns during peak usage times, ensuring a seamless online experience for users.

The College upgrades ICT enabled infrastructure periodically by procuring suitable software and hardware for the enhancement of teaching-learning and networking capabilities. The IT policy of the College ensures authenticity of installation of software tools, responsibility of maintenance and timely renewal of relevant software of the Institution. CCTV surveillance cameras are installed to increase security in the campus.

Here, is the snapshot of network upgradation.

S.No.	Year of Upgradation	Bandwidth Taken
1	2018-19	25MBPS + 100 MBPS + 40 MBPS
2	2019-20	225MBPS + 100 MBPS + 40 MBPS
3	2020-21	400 MBPS + 200 MBPS + 40 MBPS
4	2021-22	400 MBPS + 200 MBPS + 40 MBPS
5	2022-23	400 MBPS + 200 MBPS + 40 MBPS
6	2023-24	1 GBPS

Here is the snapshot of total number of computers under usage by students – Department Wise.

S.NO	DEPARTMENT/DIVISION	NUMBER OF COMPUTERS AVAILABLE
1	CSE	321
2	ECE	170
3	EEE	40
4	MECHANICAL	72
5	CIVIL	40
6	AUDITORIUM	350
7	DIGITAL LIBRARY	70
8	BS&H	150
	TOTAL:	**1213**

Student Computer Ratio: - 1:3

PURCHASE ORDERS, INVOICES AND STOCK REGISTER ENTRIES ARE ATTACHED