PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

In the digital age, up-to-date IT infrastructure plays a pivotal role in facilitating learning and research experiences for students and faculty. Pragati Engineering College (PEC) understands this importance and is committed to providing state-of-the-art IT facilities and ample bandwidth for internet connectivity. With a forward-thinking approach, the Institution continually updates its IT infrastructure to keep pace with the ever-evolving technological landscapes, and develop critical thinking skills.

Modern IT infrastructure provides researchers with access to vast resources, databases, and simulations. High-speed internet and advanced software tools are essential for conducting experiments, data analysis, and simulations. PEC provides adequate bandwidth to faculty and students to engage in research activities. The college has Internet facility with two leased lines, one from BSNL with two lines of 150 Mbps each, and another from City Broadband with 40 Mbps. The Institution has Wi-Fi accessible to all locations of the college campus such as Canteen, Library, Seminar Halls, Training and Placement cell, etc.

PEC prioritizes the regular upgrading of its IT facilities to meet the evolving needs of its stakeholders. The Institution invests in the latest hardware, software, and networking equipment to ensure a seamless experience for users. Upgrades encompass computer labs, servers, networking infrastructure, and multimedia facilities. The server room of Main Computer Center has multiple servers namely: Windows, Ubuntu, CAD/CAE server, Oracle database. The Internet Gateway comprises of a Web Server, Fortinet FG – 201E – BDL, CISCO manageable switches and other networking components required for an efficient LAN.

PEC maintains an efficient network infrastructure to optimize connectivity and ensure uninterrupted services. The institution employs industry-standard network equipment, such as routers, switches, and firewalls, to ensure data security and reliability. Regular network monitoring and maintenance are carried out to promptly address any issues and ensure optimal performance. FortiGate is installed in the Campus Network and is renewed every year.