

GOVERNMENT DEGREE & PG COLLEGE, GAJWEL

DEPARTMENT OF COMPUTERS

Academic Year 2018-2019

Certificate Course in **Hardware and Networking**

Unit-I

Introduction to Computers: Basics of computer, organization of computer, Software & Hardware, Input and Output devices, Hardware components, assembling a computer.

Introduction to Operating System: Basics of Operating system, Operating system functions, types of operating system, Installation of windows 7, windows 8.1 etc. application software installations, Backup and restore of operating system, user creations, security management etc.

Unit-II

Introduction to Computer Networks: Data communication components, line configuration, network topologies, internet, intranet, extranet, network models, network adapters, networking devices – router, switches, modems, hub, wired and wireless technology.

Network basics and configuration: IPv4 address, IPv6 address, setting IP address, sharing files and folders, network trouble shooting, cabling and troubleshooting.

Types of internet connections: dialup, broadband, leased line, Wi-Fi, Li-Fi, 2G,3G,4G,5G, WWW, E-mails, Search Engines, Social Networking, cloud application, protocols.

All the faculty members of the department have attended a meeting, covered today i.e. on 19.01.19 in the department staff room. Dr. Gopala Sudharshanam, incharge, department of computers, presided the meeting. All other faculty members were present. The meeting following are the minutes of the meeting of the Agenda.

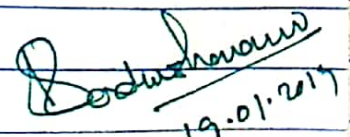
1. To discuss on introduction of a certificate course in "Hardware and Networking".
2. To prepare syllabus for the same course.
3. To mobilize resources to run the course.
4. To discuss any other matter, with the permission of the chair.

Discussions & Resolutions:

- All the participants of the meeting were thoroughly discussed the possibility of introduction of the proposed certificate course in the department.
- members have also unanimously resolved to start the course from 21.1.19 and duration of the course is 45 days.
- It was also resolved to circulate this information among all the students of computers and encourage them for enrolment.
- The meeting also resolved to evaluate the students through theory and practicals.
- Finally it was resolved to 'not collect' any fee from the students for attending the course and all the faculty must involve in its effective implementations.

G. N. S. S.

Dr. Gopala Sudharshanam


19.01.2019

HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTERS
Government Degree & P.G. College, Gajwel
Siddipet District, Telangana-502278.