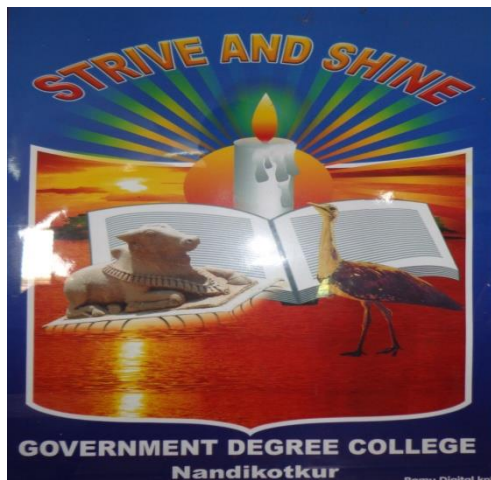


Government Degree College, Nandikotkur



7.3: Institutional Distinctiveness

Digital Empowerment: Enhancing Digital Literacy

Skill Hub Course Content

Computer Hardware & Networking Associate
Course content

SL.NO	TOPIC
1	Introduction to Computer hardware , components
2	Basic principles of computer architecture and operations, installation configuration and troubleshooting
3	Networking concepts
4	Networking types
5	Networking topologies
6	OSI Model
7	Ip address
8	Authentication
9	Operating system
10	Troubleshooting techniques
11	Software and applications
12	Data backup and recovery methods
13	Safety precautions and best practices in handling computer hardware
14	Communication skills

Solar Pv Maintenance Technician
Course content

SL.NO	TOPIC
1	Introduction to solar pv maintenance systems
2	Basic principles of solar energy and electricity generation
3	Components of a solar pv system (solar panels, inverters, batteries , etc)
4	Maintenance and troubleshooting of solar pv systems
5	Safety procedures and regulations related to solar pv maintenance
6	Performance monitoring and optimization of solar pv systems
7	Understanding and interpreting system specifications and schematics
8	Basic electrical principles and wiring techniques relevant to solar system
9	Environmental considerations and sustainability practices in solar pv maintenance

Assistant Computer Hardware & Networking Technician

Course content

SL.NO	TOPIC
1	Introduction to Computer hardware , components
2	Basic principles of computer architecture and operations, installation configuration and troubleshooting
3	Networking concepts
4	Networking types
5	Networking topologies
6	OSI Model
7	Ip address
8	Authentication
9	Operating system
10	Troubleshooting techniques
11	Software and applications
12	Data backup and recovery methods
13	Safety precautions and best practices in handling computer hardware
14	Communication skills

Associate Data Entry Operator

Course content

SL.NO	TOPIC
1	Introduction to Computer hardware , components
2	Basic principles of computer architecture and operations, installation configuration and troubleshooting
3	Basic computer skills
4	Keyboard proficiency
5	Data entry techniques
6	Typing speed improvement
7	Accuracy enhancement
8	Ms office
9	Operating system
10	Ms word
11	Ms excel
12	Power point
13	Internet research skill
14	Communication skills
15	Data management and organization quality control in data entry