

**GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS),  
BEGUMPET, HYDERABAD.**

**Telangana Skills & Knowledge Centre (TSKC)**

**Hardware Networking Course by Anudip Foundation**

**(April 2022 to June 2022)**

The first year students of GDCW college were enrolled into the Hardware Networking course. This course was sponsored by Anudip Foundation. Mr. Pranith was the trainer of this course. The course started in the month of April 2022 and completed by the end of June 2022.

Students have learned on how to assemble-disassemble a computer, information about the parts of a computer and its working and new other technical concepts .

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**Anudeep Foundation  
Hardware Networking Course Content**

**WINDOWS OS**

DOS Fundamentals  
Computer Basics  
Identification of PC Components  
Motherboard  
Microprocessors  
Memory  
SMPS  
I/O Ports  
Storage Devices  
Printers  
Control Panel Settings  
**PRACTICALS**  
Assembling & Disassembling  
Operating System Installation  
Dual Booting  
Motherboard Drivers Installations  
Application Software Installations  
Third Party Tools Installation  
Local User & Groups Management  
Disk Management  
Data Recovery  
Shrink & Extend HDD Partition  
Password Breaking  
Data Back-up & Restore  
Printer Configuration  
Troubleshooting

**NETWORKING**

1. Fundamentals of Networking
2. Types Of Network
3. Topologies
4. Network Models
5. Cables & Connectors
6. Types Of Communication
7. Communication Devices
8. Cabling & Crimping
9. Ethernet Network & NIC
10. Protocols
11. MAC Address
12. IP Address
13. OSI Reference Model
14. TCP/IP Model
15. IEEE Standards

**PRACTICALS**

1. Crimping
2. Assigning IP Address
3. Network Setup
4. Communication Checking with "PING"
5. File Sharing Between two Systems
6. Remote Desktop
7. Remote Assistance
8. Network Printer Sharing
9. DC Configuration
10. DNS Configuration
11. Client Configuration
12. Domain User Login
13. DHCP Configuration
14. Network Troubleshooting

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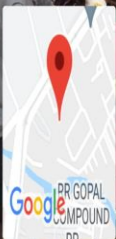
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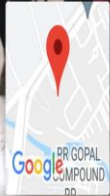


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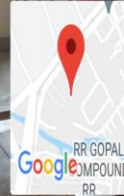




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