



**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

**Re-accredited by NAAC with A⁺ Grade - 4th cycle,
College of Excellence – UGC
29th Rank among Colleges in NIRF 2023
Coimbatore - 641 029, Tamil Nadu, India**



DEPARTMENT OF COMPUTER SCIENCE (Aided)

Computer Servicing and Troubleshooting

Supported by

**DBT STAR COLLEGE SCHEME
REPORT**

Name of the Event	Computer Servicing and Troubleshooting
Date	23-01-2024
Time	10.00 AM to 4.00PM
Resource Person With Designation	Mr.A.Sajith & Mr.L.Raja Service Technicians & Trainers, New Technology Institutions, Coimbatore
Venue of the Programme	Lab VI
Objectives of the Programme	1.To make the students understand the concept of Computer Servicing and TroubleShooting. 2.To provide students with Hands-on training in computer servicing and troubleshooting.
Outcome of the Programme	1.Students learned about Computer services and troubleshooting. 2.Acquired practical knowledge about various types of computer servicing and troubleshooting. 3.Obtained hands-on training in computer servicing and troubleshooting by doing the activities practically.
Number of Beneficiaries with	Students: 48

Report in detail:

The "**Computer Servicing and Troubleshooting**" workshop was conducted to focus on equipping participants with essential knowledge and practical skills in diagnosing, servicing, and maintaining computer systems. The workshop aimed to bridge the gap between theoretical understanding and hands-on application, empowering participants to address common hardware and software issues effectively.

The workshop commenced with an in-depth introduction to computer hardware, covering key components such as the CPU, RAM, motherboard, and storage devices. Participants gained insights into hardware architecture and compatibility considerations, laying a strong foundation for troubleshooting sessions later on. Common computer issues were discussed, and participants learned systematic troubleshooting methodologies and best practices.

Hands-on sessions were conducted to familiarize participants with tools and equipment used in computer servicing, including screwdrivers, diagnostic software, and hardware installation kits. Practical exercises focused on hardware installation techniques, such as adding RAM modules or upgrading storage devices, enabling participants to apply theoretical knowledge in a real-world setting.

The workshop shifted focus to software troubleshooting, with an emphasis on identifying and resolving software-related issues such as virus/malware infections, operating system errors, and driver conflicts. Participants engaged in practical exercises using troubleshooting utilities and software tools, honing their skills in diagnosing and resolving software problems effectively.

Additionally, topics on data backup and recovery strategies were covered, highlighting the importance of data protection and providing hands-on practice with backup and recovery tools. Networking and connectivity troubleshooting sessions addressed common network issues and configured network devices, empowering participants to troubleshoot network connectivity problems with confidence.

The workshop concluded with discussions on preventive maintenance techniques, emphasizing the importance of regular cleaning, software

updates, and driver maintenance for optimal computer performance and longevity. Participants were encouraged to apply these preventive measures in their computing environments to mitigate future issues and ensure system reliability.



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(UGC) Coimbatore - 641029.

DEPARTMENT OF COMPUTER SCIENCE(AIDED)

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**Name of the Event: A Skill Development Programme on
Computer Servicing And Troubleshooting**

Date: 23/01/2024

Venue: Computer Lab VI

