



SNS COLLEGE OF TECHNOLOGY

**An Autonomous Institution
Coimbatore – 35**

Accredited by NBA – AICTE and Accredited by NACC – UGC with 'A+ Grade
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

DEPARTMENT OF AGRICULTURE ENGINEERING

19AGE307 – ERGONOMICS OF FARM MACHINERY AND IMPLEMENTS

III – YEAR VI SEMESTER

UNIT 4 – MAINTENANCE OF IMPLEMENTS

**TOPIC – FAMILIARIZATION WITH TOOLS FOR GENERAL AND SPECIAL
MAINTENANCE**



FAMILIARIZATION WITH TOOLS

1. Familiarization with tools and equipment used is important for safety because it helps individuals understand how to properly use and handle these items, reducing the risk of accidents and injuries.
2. By being familiar with the tools, individuals can use them correctly and avoid misuse or mishandling that could lead to accidents. Additionally, knowing how to operate kitchen equipment safely can prevent malfunctions or breakdowns that may cause harm.
3. Therefore, familiarization with tools and equipment is crucial for promoting a safe working environment in the farms.



FAMILIARIZATION WITH TOOLS FOR GENERAL MAINTENENCE

- Cool Down Heated Tools. Overworking a tool puts a lot of stress on its motor and can cause it to overheat.
- Clean Regularly.
- Lubricate.
- Sharpen Bits and Blades.
- Calibrate.
- Tool Storage.
- Replace Worn Parts.
- Battery Care.



FAMILIARIZATION WITH TOOLS FOR SPECIAL MAINTENANCE



.Make it a habit to clean tools after each use before you return them to storage. Wipe them down with a rag or old towel and be sure they are free of dust, grease and debris before you put them into their proper places.

.This is also an opportunity to look for any damage or defects.



TOOLS THAT MAINTENANCE PROFESSIONALS USE

- **These are some of the most common tools that maintenance professionals use:**
- Safety gear. Safety gear is an important part of maintenance equipment. ...
- Storage equipment. ...
- Power tools. ...
- Hand tools. ...
- Electrical tools. ...
- Cleaning supplies. ...
- Landscaping equipment.



6 METHOD OF GENERAL MAINTENANCE OF TOOLS

- The 6 different types are;
- Predetermined Maintenance
- Preventive Maintenance
- Corrective Maintenance
- Condition-based Maintenance
- Predictive Maintenance and Reactive Maintenance.



Thank You!