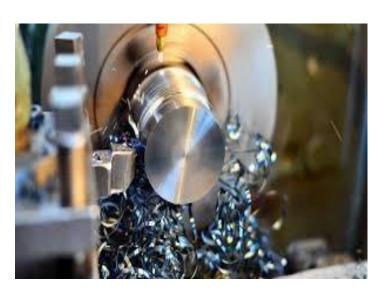




MACHINING





Machining is a manufacturing process that involves removal of unwanted materials using cutting tools from work piece and converting it into the desire shape.

It is a type of destructive manufacturing process in which materials are removed in form of chips from work piece.



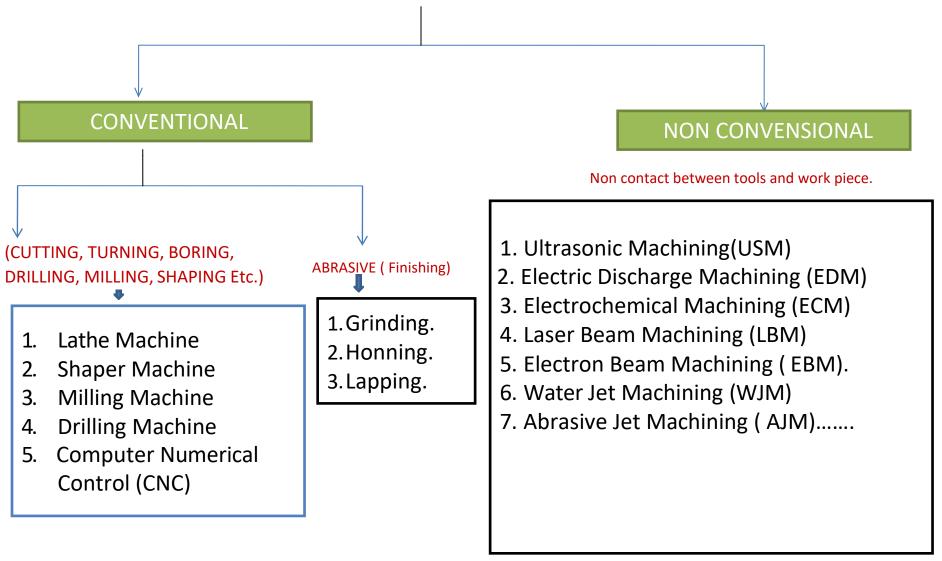
The Place where machining is done is known as Machine shop.







Types of Machining



Conventional Machine





CNC

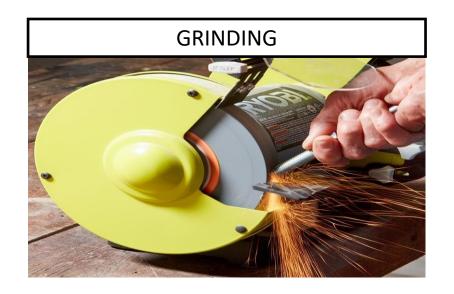




DRILLING MACHINE

ABRASIVE (FINISHING)

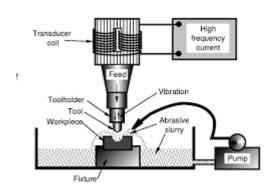






NON CONVENTIONAL MACHINING





Ultrasonic machining









- Machining aims to
 - i. Fulfill its functional requirement.
 - ii. Improve its performance.
 - iii. Prolong its service.
- Drawback of Machining:
 - i. Loss of material in form of chips.
 - ii. Slow process (low productivity).