

EVOLUTION OF PRINTING

HISTORY OF PRINTING PRESS

Printing or the process of reproducing text and images have a long history . From 3000 bc to twenty first century printing press has been discussed

When we trace the evolution this are the following path to today's modern printing press..



Beging of printing press in 3000 bc

- The Mesopotamians use round cylinder seals for rolling an impress image onto clay tablets .
- In other early societies in china and Egypt , small stamps are used to print on cloth .





- Second century :
 - chinese man named Ts 'ai lun is credited with inventing paper .
- Seventh century:
 - small book containing the text of gospel of john in Latin is added to the grave of saint Cuthbert
 - Cuthbert gospel is currently the oldest European book still in existence

- Fifteenth century

woodcut is the relief printing technique in which the text and images are craved into the surface of block wood.

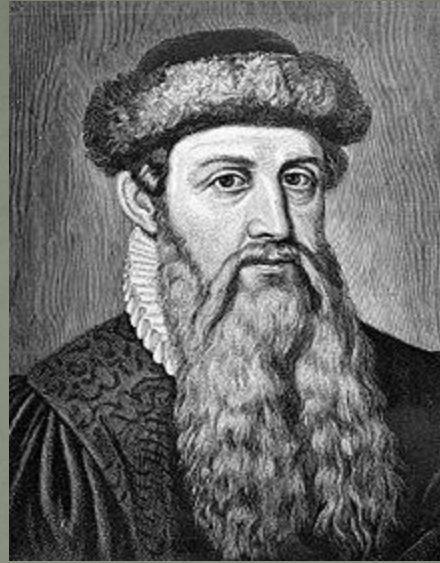
wood block is inked and the substrate pressed against the wood block.

1436 Guttenberg begins work on printing .

First book printed holy bible .(42line)

.John and wendelin of speir are the probably first printer to use pure roman type.

no longer handwritten characters than other printers



- Sixteenth century

Aldus Manutius is the first printer to come up with more portable books . Italic type were used. Two or more blocks printed in different colour . Chiaroscuro wood cut printer used for printing two or more colour invented by Lucas Cranach

- Seventeenth century

Robert barker and Martin lucas were prominent figures. They introduced version of bible The wicked bible and also called adulterous bible or sinners bible . first book published De Imitatione Christi (the imitation of Christ)

Copper plate with thousands of little dots made by a metal tool with small teeth called rocker. The tiny pits in the plate hold the ink when the face of the plate is wiped clean



- Eighteenth century
jakob christof LE vlon produced the first engraving in several colors. 3 plates were used with 3 colour .
This technique lead to modern colour printing .
Benjamin Franklin establishes printing office .
Alois senefelder invents lithography printing .
Less cost method.

- Nineteenth century

Charles Stanhope introduced first press which iron frame instead of wooden one .

Features are faster, durable and can print large sheets.

Rotary printing press = Richard march Hoe . Replaced cylinder instead of a flatbed . Speed up printing .

Ottmar mergenthaler introduce linotype. Typewriter can type up to 90 character

- Twentieth century

1903 American printer Ira Washington Rubel is instrumental produced lithographic offset press. rubber roller transfer image on paper or stone .

Samuel Simon introduced screen printing silk fabric as printing screen

Xerography dry photocopying by Chester Carlson

- Twenty first century

KBA Cortina waterless web press for newspaper and semi commercial.

Bizhub and image press of canon introduced



- The idea that print is dead or dying has been floating around for years and yet here we are today with modern printing industry digital fatigue has set in. even though printing is most trusted form of media than online platform with social media lagging behind.....

END