

Non-destructive Studies on Mughal Silver Coins

Aurangzeb was the last mighty Mughal emperor, who ruled India during 1658-1707 AD. This work aims to investigate composition of the alloy used in two silver coins struck from Surat mint during the 24th and 41st reginal year of Aurangzeb, without using X-ray fluorescence . It further aims to compare the minting technique used in striking these two coins.

Authors also tried to locate the origin of silver used in Surat mint in terms of presence and absence of impurities.

Keywords : Mughal, Aurangzeb, Coins, XRD, Rietveld analysis, EDAX
