

1125-VC-1527 **Parshuram Budhathoki*** (pbudhath@cameron.edu), 2800 W Gore Blvd, Lawton, OK. *Elliptic Curve based RFID authentication scheme and its software implementation*. Preliminary report.

Elliptic Curve Cryptography (ECC) is one of the active areas of research because of its shorter key sizes. Radio Frequency Identification (RFID) has been widely used techniques in different applications, such as medical drugs management. In this project we are going to focus on RFID authentication scheme using ECC. We will also look over its software implementation using Python. (Received September 17, 2016)