




# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, UNA [HP]

An Institute of National Importance under MHRD  
NIT Campus, Hamirpur [HP]-177005

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## CSD-415 – Information Security Laboratory

LIST OF EXPERIMENTS		
S. No.	Experiment	Remarks
1	Select any browser and secure the browser by the following settings: i) Trusted sites/blocked sites ii) Enabling or disabling cookies iii) Use of pop up blocker iv) Enabling or disabling scripts v) Browsing history vi) Saving passwords/master password	Google Chrome/Firefox
2	Exploration of Wireshark Fundamentals	Wireshark
3	Implementation of Caesar Cipher Cryptosystem	C++/Python
4	Implementation of Vigenere Cryptosystem	C++/Python
5	Implementation of Play Fair Cryptosystem	C++/Python
6	Implementation of Euclid's Algorithm	C++/Python
7	Implementation of Extended Euclidean Algorithm	C++/Python
8	Implementation of Rabin-Miller Primality Test	C++/Python
9	Implementation of DES Cryptosystem	C++/Python
10	Implementation of RSA Cryptosystem	C++/Python
11	Implementation of Diffie Hellman Key Exchange Algorithm	C++/Python
12	Implementation of MD5/SHA/HMAC	C++/Python
 <b>COURSE FACULTY</b> <b>(BHUVANESWARI AMMA N.G.)</b>		