|  |  |  |
| --- | --- | --- |
| Sr. No. | Topic | Resources |
|  | Public Key Cryptography | [Link](https://www.google.com/search?q=public+key+cryptography+in+cyber+security&rlz=1C1VDKB_enIN991IN991&oq=Public+Key+Cryptography+&gs_lcrp=EgZjaHJvbWUqBwgBEAAYgAQyBggAEEUYOTIHCAEQABiABDIHCAIQABiABDIHCAMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIHCAcQABiABDIHCAgQABiABDIHCAkQABiABNIBCDI2OTRqMGo3qAIAsAIA&sourceid=chrome&ie=UTF-8) |
|  | RSA Algorithm: Working, Key length, Security, Key Distribution | [Link](https://www.google.com/search?q=RSA+Algorithm%3A+Working%2C+Key+length%2C+Security%2C+Key+Distribution&rlz=1C1VDKB_enIN991IN991&oq=RSA+Algorithm%3A+Working%2C+Key+length%2C+Security%2C+Key+Distribution+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIHCAEQIRiPAtIBCDE1NTFqMGo5qAIAsAIA&sourceid=chrome&ie=UTF-8) |
|  | Deffie-Hellman Key Exchange | [Link](https://www.google.com/search?q=Deffie-Hellman+Key+Exchange%2C&rlz=1C1VDKB_enIN991IN991&oq=Deffie-Hellman+Key+Exchange%2C+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIJCAEQABgNGIAEMgkIAhAAGA0YgAQyCQgDEAAYDRiABDIJCAQQABgNGIAEMgkIBRAAGA0YgAQyCQgGEAAYDRiABDIJCAcQABgNGIAEMgkICBAAGA0YgAQyCQgJEAAYDRiABNIBCDIyNzBqMGo5qAIAsAIA&sourceid=chrome&ie=UTF-8) |
|  | Elliptic Curve: Arithmetic, Cryptography, Security, Authentication methods | [Link](https://www.google.com/search?q=Elliptic+Curve%3A+Arithmetic%2C+Cryptography%2C+Security%2C+Authentication+methods&rlz=1C1VDKB_enIN991IN991&oq=Elliptic+Curve%3A+Arithmetic%2C+Cryptography%2C+Security%2C+Authentication+methods+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOdIBBzk0MmowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | Message Digest | [Link](https://www.google.com/search?q=Message+Digest&rlz=1C1VDKB_enIN991IN991&oq=Message+Digest+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIMCAEQABgUGIcCGIAEMgcIAhAAGIAEMg0IAxAAGJECGIAEGIoFMgcIBBAAGIAEMg0IBRAAGJECGIAEGIoFMgcIBhAAGIAEMgcIBxAAGIAEMgcICBAAGIAEMgcICRAAGIAE0gEIMjIzOWowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | Kerberos | [Link](https://www.google.com/search?q=Kerberos&rlz=1C1VDKB_enIN991IN991&oq=Kerberos+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTITCAEQABiDARiRAhixAxiABBiKBTIMCAIQABhDGIAEGIoFMgcIAxAAGIAEMgcIBBAAGIAEMg0IBRAAGJECGIAEGIoFMgcIBhAAGIAEMg0IBxAAGJECGIAEGIoFMgwICBAAGEMYgAQYigUyBwgJEAAYgATSAQgxOTQyajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |
|  | X.509 Authentication service | [Link](https://www.google.com/search?q=x.509+authentication+service&rlz=1C1VDKB_enIN991IN991&oq=X.509+Authentication+service&gs_lcrp=EgZjaHJvbWUqDAgAECMYJxiABBiKBTIMCAAQIxgnGIAEGIoFMgcIARAAGIAEMggIAhAAGBYYHjIICAMQABgWGB4yCAgEEAAYFhgeMggIBRAAGBYYHjIICAYQABgWGB4yDQgHEAAYhgMYgAQYigUyDQgIEAAYhgMYgAQYigUyBwgJEAAY7wXSAQgxMDM3ajBqOagCALACAQ&sourceid=chrome&ie=UTF-8) |
|  | Digital Signatures: Implementation, Algorithms | [Link](https://www.google.com/search?sca_esv=619b5ee73393e443&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zqbYpG-9dUshAcT5tGjLYCNkyGzQA:1747192627389&q=Digital+Signature:+Implementation,+Algorithms&spell=1&sa=X&ved=2ahUKEwiuqKPf_6GNAxXQUWwGHTwKHrUQBSgAegQIDhAB&biw=1536&bih=742&dpr=1.25) |
|  | Standards (DSS) | [Link](https://www.google.com/search?q=Standards+(DSS)&rlz=1C1VDKB_enIN991IN991&oq=Standards+(DSS)&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIICAEQABgWGB4yCAgCEAAYFhgeMggIAxAAGBYYHjIICAQQABgWGB4yCAgFEAAYFhgeMggIBhAAGBYYHjIICAcQABgWGB4yCAgIEAAYFhgeMggICRAAGBYYHtIBCDEwNzFqMGo5qAIAsAIA&sourceid=chrome&ie=UTF-8) |
|  | Authentication Protocol | [Link](https://www.google.com/search?q=Authentication+Protocol&rlz=1C1VDKB_enIN991IN991&oq=Authentication+Protocol&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTINCAEQABiRAhiABBiKBTIHCAIQABiABDIHCAMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIHCAcQABiABDIHCAgQABiABDIHCAkQABiABNIBCDIxMjhqMGo5qAIAsAIA&sourceid=chrome&ie=UTF-8) |