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| **Sr. No.** | **Topic** |
|  | [Data Encryption Techniques And Standards](https://www.google.com/search?q=data+encryption+techniques+and+standards+in+cyber+security&rlz=1C1VDKB_enIN991IN991&oq=Data+Encryption+Techniques+And+Standards+in+c&gs_lcrp=EgZjaHJvbWUqBwgDECEYoAEyBggAEEUYOTIHCAEQIRigATIHCAIQIRigATIHCAMQIRigATIHCAQQIRigATIHCAUQIRigATIHCAYQIRiPAjIHCAcQIRiPAtIBCDg5NDZqMGo3qAIAsAIA&sourceid=chrome&ie=UTF-8) |
|  | [Encryption Methods: Symmetric, Asymmetric](https://www.google.com/search?q=Encryption+Methods%3A+Symmetric%2C+Asymmetric&rlz=1C1VDKB_enIN991IN991&oq=Encryption+Methods%3A+Symmetric%2C+Asymmetric&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIHCAEQIRiPAtIBBzc2MGowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | [Cryptography](https://www.google.com/search?q=cryptography+in+cyber+security&rlz=1C1VDKB_enIN991IN991&oq=Cryptography&gs_lcrp=EgZjaHJvbWUqDAgBEAAYFBiHAhiABDIQCAAQABiRAhixAxiABBiKBTIMCAEQABgUGIcCGIAEMgwIAhAAGEMYgAQYigUyDAgDEAAYFBiHAhiABDIMCAQQABhDGIAEGIoFMg0IBRAAGJECGIAEGIoFMgcIBhAAGIAEMgwIBxAAGEMYgAQYigUyCggIEAAYsQMYgAQyBwgJEAAYgATSAQgyMjc4ajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |
|  | [Substitution Ciphers](https://www.google.com/search?q=Substitution+Ciphers+&sca_esv=0aa6c026f1990de0&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zqp-TQR-bo4VJnSTNtqKC4wX_6r7A%3A1741411243866&ei=q9PLZ4fLNNmBvr0PxZGyqAI&ved=0ahUKEwjHzOS03vmLAxXZgK8BHcWIDCUQ4dUDCBA&uact=5&oq=Substitution+Ciphers+&gs_lp=Egxnd3Mtd2l6LXNlcnAiFVN1YnN0aXR1dGlvbiBDaXBoZXJzIDIKEAAYgAQYFBiHAjIFEAAYgAQyBxAAGIAEGAoyBxAAGIAEGAoyBxAAGIAEGAoyBxAAGIAEGAoyBxAAGIAEGAoyBxAAGIAEGAoyBxAAGIAEGAoyBxAAGIAEGApIlm9QzQJYkmtwCngBkAEAmAHrAqAByg-qAQcwLjEuNS4yuAEDyAEA-AEBmAISoAL1EMICChAAGLADGNYEGEfCAg0QABiABBiwAxhDGIoFwgIOEAAYsAMY5AIY1gTYAQHCAhkQLhiABBiwAxjRAxhDGMcBGMgDGIoF2AEBwgIWEC4YgAQYsAMYQxjUAhjIAxiKBdgBAcICBxAAGIAEGA3CAgYQABgWGB7CAgsQABiABBiRAhiKBcICCxAAGIAEGIYDGIoFwgIFECEYoAGYAwCIBgGQBhG6BgYIARABGAmSBwgxMC4wLjYuMqAHqDo&sclient=gws-wiz-serp) |
|  | [Transposition Ciphers](https://www.google.com/search?q=transposition+ciphers&rlz=1C1VDKB_enIN991IN991&oq=Transposition+Ciphers&gs_lcrp=EgZjaHJvbWUqDAgAEAAYQxiABBiKBTIMCAAQABhDGIAEGIoFMgkIARAAGAoYgAQyCQgCEAAYChiABDIJCAMQABgKGIAEMgkIBBAAGAoYgAQyCQgFEAAYChiABDIJCAYQABgKGIAEMgkIBxAAGAoYgAQyCQgIEAAYChiABDIJCAkQABgKGIAE0gEHNTQ5ajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |
|  | [Stenography applications and limitations](https://www.google.com/search?sca_esv=0aa6c026f1990de0&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zrfutpzwkBC8Se4NqkCNS5nZDk_FQ:1741411335774&q=Steganography+applications+and+limitations&spell=1&sa=X&ved=2ahUKEwiUls7g3vmLAxV_oa8BHY-iA9QQBSgAegQIDBAB&biw=1536&bih=742&dpr=1.25) |
|  | [Block Ciphers and methods of](https://www.google.com/search?sca_esv=0aa6c026f1990de0&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zrQg4qjL5QcLYXAwYrHyHLubKm73w:1741411363052&q=Block+Cipher+and+methods+of+operations&spell=1&sa=X&ved=2ahUKEwisl8_t3vmLAxUvoq8BHUp7MVcQBSgAegQIDBAB&biw=1536&bih=742&dpr=1.25) |
|  | [Feistal Cipher](https://www.google.com/search?q=Feistal+Cipher&rlz=1C1VDKB_enIN991IN991&oq=Feistal+Cipher&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTINCAEQABiRAhiABBiKBTINCAIQABiRAhiABBiKBTIJCAMQABgKGIAEMgkIBBAAGAoYgAQyCQgFEAAYChiABDIJCAYQABgKGIAEMgkIBxAAGAoYgAQyCQgIEAAYChiABDIJCAkQABgKGIAE0gEHNTU3ajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |
|  | [Data Encryption Standard (DES)](https://www.google.com/search?q=Data+Encryption+Standard+%28DES%29+&sca_esv=0aa6c026f1990de0&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zpFOwpuG8WjicEXSeT7rDGtGJ_PPQ%3A1741411407465&ei=T9TLZ7qUHMCTvr0P-NTGiQw&ved=0ahUKEwj69-WC3_mLAxXAia8BHXiqMcEQ4dUDCBI&uact=5&oq=Data+Encryption+Standard+%28DES%29+&gs_lp=Egxnd3Mtd2l6LXNlcnAiH0RhdGEgRW5jcnlwdGlvbiBTdGFuZGFyZCAoREVTKSAyCxAAGIAEGJECGIoFMgUQABiABDILEAAYgAQYkQIYigUyCBAAGIAEGMsBMgYQABgWGB4yBhAAGBYYHjIGEAAYFhgeMgYQABgWGB4yBhAAGBYYHjIGEAAYFhgeSI4WUPwBWPwBcAF4AZABAJgB9gGgAfYBqgEDMi0xuAEDyAEA-AEBmAICoAKLAsICChAAGLADGNYEGEeYAwCIBgGQBgiSBwUxLjAuMaAHngc&sclient=gws-wiz-serp) |
|  | [Triple DES](https://www.google.com/search?q=Triple+DES&rlz=1C1VDKB_enIN991IN991&oq=Triple+DES&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIMCAEQABhDGIAEGIoFMgwIAhAAGEMYgAQYigUyDAgDEAAYQxiABBiKBTINCAQQABiRAhiABBiKBTIHCAUQABiABDIMCAYQABhDGIAEGIoFMgcIBxAAGIAEMgcICBAAGIAEMgcICRAAGIAE0gEHMzU4ajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |
|  | [Weak Keys in DES](https://www.google.com/search?q=Weak+Keys+in+DES+Algorithms&rlz=1C1VDKB_enIN991IN991&oq=Weak+Keys+in+DES+Algorithms+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIICAEQABgWGB4yDQgCEAAYhgMYgAQYigUyDQgDEAAYhgMYgAQYigUyDQgEEAAYhgMYgAQYigUyCggFEAAYgAQYogQyBwgGEAAY7wUyBwgHEAAY7wUyCggIEAAYgAQYogTSAQgyNTE4ajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |
|  | [Advance Encryption Standard (AES)](https://www.google.com/search?sca_esv=0aa6c026f1990de0&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zoNDqOkzRAnGRZVCaodi55JjgudLQ:1741411487495&q=Advanced+Encryption+Standard+(AES)&spell=1&sa=X&ved=2ahUKEwj4xfqo3_mLAxW6ja8BHVwVAoYQBSgAegQICRAB&biw=1536&bih=742&dpr=1.25) |