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**Department of Information Technology**

**(B.Tech. VII Semester)**

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## Course Name BIT4701: Cryptography and Information Security

| BIT4701 | Course Outcomes |
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| BIT4701.1 | **Define** the fundamentals of Cryptography and standard algorithms to provide confidentiality, integrity and authenticity. |
| BIT4701.2 | **Understand** symmetric and asymmetric key encryption systems |
| BIT4701.3 | **Analyze** various message authentication codes and hash functions. |
| BIT4701.4 | **Identify**, detect and prevent the attacks on system. |
| BIT4701.5 | **Formulate** and implement various Security practices and System security standards. |