



**Tulsiramji Gaikwad-Patil College of Engineering and Technology**

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)



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**Department of Information Technology**

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

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**Course Name BIT4701: Cryptography and Information Security**

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