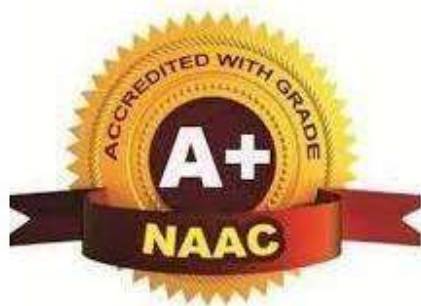




TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108

An Autonomous Institute



DEPARTMENT OF INFORMATION TECHNOLOGY

B.Tech. Information Technology

As Per NEP-2020

Honors & Minors Scheme

From
Academic Year 2025-26



Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur

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

SCHEME OF INSTRUCTION & SYLLABI

Programme: B. Tech. in Information Technology

Scheme of Instructions: B. Tech. Information Technology (As Per NEP 2020)



HONORS SPECIALIZATION IN CYBER SECURITY

Sr. No	Sem	Course Code	Subject	Nature of Evaluation	Credits
1	III	BIT32325	Computer Networks and Internet Protocol	ESE	03
2	IV	BIT32425	Foundations of Cryptography	ESE	03
3	V	BIT33525	Secure Computation	ESE	03
4	VI	BIT33625	Cyber Security and Privacy	ESE	03
		BIT33626	Online Privacy	ESE	
5	VII	BIT34725	Block Chain and its Applications	ESE	03
6	VIII	BIT34825	Internship(Cyber Security 1 month)	ESE	03
7		BIT34826	Capstone Project	ESE	
Total					18



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MINORS SPECIALIZATION IN INFORMATION TECHNOLOGY

Sr. No	Sem	Course Code	Subject	Nature of Evaluation	Credits
1	III	BIT32321	Introduction to Operating System	ESE	03
2	IV	BIT32421	Programming in Modern C++	ESE	03
3	V	BIT33521	Introduction to Database Systems	ESE	03
4	VI	BIT33621	Programming In Java	ESE	03
5	VII	BIT34721	An Introduction to Artificial Intelligence	ESE	03
6	VIII	BIT34821	Internship(4 Weeks)/ Capstone Project	ESE	03
Total					18