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 Institution Affiliated to RTM Nagpur University)

Department of CSE (Data Science)

B. Tech VII Semester in CSE (Data Science)

Course Name: BDS4707 PEC – V (Block chain Security)

BDSXX19	Course Outcomes
After the completion of this course, students will be able to-	
BDS4707.1	**Demonstrate** an understanding of blockchain technology by explaining its historical evolution, structure, and consensus mechanisms.
BDS4707.2	**Apply** symmetric and asymmetric cryptographic techniques to ensure data confidentiality and integrity.
BDS4707.3	**Analyze** the structure and functioning of Bitcoin, including digital keys, transactions, mining, wallets, and client setups.
BDS4707.4	**Explore** and experiment with alternative cryptocurrencies and understand their unique features and limitations compared to Bitcoin.
BDS4707.5	**Evaluate** their applications across diverse domains such as IoT, government, healthcare, finance, and media.