



TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108
Accredited with NAAC A+ Grade & NBA Accredited (EE, ME, CE & ECE)
Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



Department of Electronics & Communication Engineering

B.Tech Electronics & Communication Engineering

Course Name: BEC3502: Digital Signal Processing and Application

BEC3502	Course Outcome
1.	Identify discrete-time signals analytically and visualize them in the time domain.
2.	Apply discrete Fourier transform and verify its properties.
3.	Implement digital filters in a variety of structures.
4.	Implementing and analyze digital IIR and FIR filter
5.	Analyze multi-rate discrete time system with unequal sampling rates