



TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade & NBA Accredited (EE & ME)

Approved by AICTE, New Delhi, Govt. of Maharashtra

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



Electronics Communication Engineering Department

B.Tech Fourth Sem (NEP)

BEC32401 – Analog Circuit Design

	Course Outcomes
BEC2401.1	Explain the basic principle of operational amplifier, parameters, and its configurations.
BEC2401.2	Illustrate linear op-amp circuits and their applications.
BEC2401.3	Determine non-linear op-amp circuits and their applications
BEC2401.4	Examine Power Supplies.
BEC2401.5	Analyze Oscillators and filters.



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B.Tech Fourth Sem (NEP)

BEC32403 – Signals and Systems

Course Code	Course Outcomes
BEC32403.1	Interpret Continuous -Time Signals Analytically And Visualize Them In The Time Domain.
EC32403.2	Apply Fourier Series On Continuous Time Signals.
EC32403.3	Implement Fourier Transform And Verify Its Properties.
EC32403.4	Examine Laplace Transformation and its Properties.
EC32403.5	Analyze Information Theory Of Encoding And Decoding Of Data



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BIT32416 – Data Structure and Algorithm

	Course Outcomes
BIT32416.1	Analyze complexity and data structures to implement efficient algorithms.
BIT32416.2	Determine abstract data types to efficiently solve problems involving data representation, expression and queue management.
BIT32416.3	Illustrate dynamic data structures, perform operations, and solve problems by utilizing linked lists and trees.



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BEC32409-Evolution of Communication Technologies

	Course Outcomes
BEC32409.1	Determine the historical and technological progression in communication.
BEC32409.2	Illustrate the functioning of wireless communication systems and standards such as GSM, CDMA, and LTE.
BEC32409.3	Analyze an Optical Communication Systems and its application



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BBA32401 – Entrepreneurship Development

BBA32401	Course Outcomes
BBA32401.1	Explain the evolution of the concept of entrepreneurship, characteristics and functions, types of entrepreneurs,
BBA32401.2	Discover post-independence growth of entrepreneurship in India, role of entrepreneurship in economic development.
BBA32401.3	Distinguish entrepreneurship in various sectors: tourism, agriculture, and social.



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BSH32404 – Leadership and Team Dynamics

	Course Outcomes
1	Explain how global leadership skills contribute to leadership effectiveness.
2	Understand the leader's role in team-based organizations.
3	Classify the potential contribution of outdoor training to the development of team leadership.