



Amar Sewa Mandal's  
**GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY**  
148/149, SalaiGodhani, Near Chikna Village, Hudkeshwar Road, Nagpur – 441204  
Ph - 7823850876 / 9307464978



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AN ISO 9001-2015 & ISO 14001-2015 CERTIFIED INSTITUTE

Email – gwcet@rediffmail.com Website: [www.gwcet.ac.in](http://www.gwcet.ac.in)

President  
Dr. (Smt) SuhasiniWanjari

Secretary  
Adv. Abhijit G. Wanjari

Treasurer  
Dr.SmeetaWanjari

Principal  
Dr Salim Chavan

## DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

### BTECH 7<sup>TH</sup> SEMESTER

### LEARNING MANAGEMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
1	MICROWAVE ENGINEERING (BTETC701)	<b>CO1: Explain</b> different types of waveguides and their respective modes of propagation.	<a href="#">UNIT 1</a>
		<b>CO2: Analyze</b> typical microwave networks using impedance, admittance, transmission and scattering matrix representations.	<a href="#">UNIT 2</a>
		<b>CO3: Understand</b> the working principles of all the microwave tubes.	<a href="#">UNIT 3</a>
		<b>CO4: . To expose</b> the students to the basic methods of microwave measurements.	<a href="#">UNIT 4</a>
		<b>CO5: Choose</b> a suitable microwave measurement instruments and carry out the required measurements.	<a href="#">UNIT 5</a>
2	SATELLITE COMMUNICATION (BTETPE702)	<b>CO1:Knowledge</b> of theory and practice related to Satellite communication.	<a href="#">UNIT 1</a>
		<b>CO2:Acquired</b> knowledge about Satellite Navigation System.	<a href="#">UNIT 2</a>
		<b>CO3:Ability</b> to identify, formulate and solve engineering problems related Satellite communication	<a href="#">UNIT 3</a>
		<b>CO4:Analyze</b> the various aspects of establishing a geostationary Satellite communication link.	<a href="#">UNIT 4</a>
		<b>CO5:Knowledge</b> of theory and practice of advanced communication techniques e.g. TDMA, CDMA, FDMA.	<a href="#">UNIT 5</a>
3	CYBER SECURITY (BTETOE703)	<b>CO1:Understand</b> the fundamental concept of Cyber security, Cyber attack and Cybercrime & its importance.	<a href="#">UNIT 1</a>
		<b>CO2:Discuss</b> Software Vulnerabilities and Security solution to reduce the risk of exploitation.	<a href="#">UNIT 2</a>
		<b>CO3:Understand</b> security for Web application, services & Server.	<a href="#">UNIT 3</a>
		<b>CO4:Demonstrate</b> and <b>understanding</b> of Cryptography and Evaluate Network security.	<a href="#">UNIT 4</a>
		<b>CO5:Understand</b> an overview of the cyber laws & Concept of Cyber Forensics.	<a href="#">UNIT 5</a>



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4	ENTERPRENEURSHIP DEVELOPMENT (BTETOE704)	<b>CO1: Have</b> the ability to discern distinct entrepreneurial traits. <a href="#">UNIT 1</a>
		<b>CO2: Know</b> the parameters to assess opportunities and constraints for new business ideas <a href="#">UNIT 2</a>
		<b>CO3: Understand</b> the systematic process to select and screen a business idea <a href="#">UNIT 3</a>
		<b>CO4: Design</b> strategies for successful implementation of ideas <a href="#">UNIT 4</a>
		<b>CO5: Write</b> a business plan <a href="#">UNIT 5</a>
5	ENGINEERING ECONOMICS AND FINANCIAL MATHEMATICS (BTHM705)	<b>CO1: Understand</b> and apply the basic principles of engineering economics. <a href="#">UNIT 1</a>
		<b>CO2: To analyze</b> and optimize engineering economic decisions. <a href="#">UNIT 2</a>
		<b>CO3: Evaluate</b> various financial alternatives using different cash flow analysis methods. <a href="#">UNIT 3</a>
		<b>CO4: Analyze</b> and determine the economic life of assets. <a href="#">UNIT 4</a>
		<b>CO5: Apply</b> various depreciation methods to evaluate the economic life of assets. <a href="#">UNIT 5</a>