



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



NAAC ACCREDITED

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

Email – gwcet@rediffmail.com Website: www.gwcet.ac.in

President Secretary Treasurer Principal
Dr. (Smt.) Suhasini Wanjari Adv. Abhijit G. Wanjari Dr. Smeeta Wanjari Dr. Salim Chavan

DEPARTMENT OF MECHANICAL ENGINEERING

B. TECH. 3rd SEMESTER

LEARNING MANAGEMENT SYSTEM (LMS)

S. N.	NAME OF SUBJECT	CO'S	NOTES LINK
1	FLUID MECHANICS (BTMC 302)	CO1: Understand fluid their properties, fluid in rest condition, types of flow & flow measuring devices and mathematical application of equations on hydraulic components.	VIEW
		CO2: Understand behaviour of fluid in motion condition and application of Bernoulli's equation to fluid flow measuring devices.	VIEW
		CO3: Apply the fluid concept in viscous and turbulent flow.	VIEW
		CO4: Apply dimensional analysis to design hydraulic machines and different losses of fluid flow through pipes.	VIEW
		CO5: Understand working principle & design of Centrifugal & practical application of similitude & model testing.	VIEW
2	THERMODYNAMICS (BTMC303)	CO1: Understand fundamental concepts and definitions of thermodynamics	VIEW
		CO2: Understand first law of thermodynamics and apply it different mech. devices.	VIEW
		CO3: Understand and apply second law of thermodynamics and entropy.	VIEW
		CO4: Understand Ideal gas laws, apply different processes with equation.	VIEW
		CO5: Understand properties of pure substance ,apply processes of steam on p-v and T-S diagram.	VIEW



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3	MATERIAL SCIENCE AND METELLURGY (BTMES304)	CO1: Remember various crystal structures of materials	VIEW
		CO2: Understand mechanical properties of materials and calculations of same using appropriate equations	VIEW
		CO3: Evaluate phase diagrams of various materials	VIEW
		CO4: Create samples of different materials for metallography	VIEW
		CO5: Evaluate appropriate NDT technique for a given application	VIEW