Amar Sewa Mandal's

GOVINDRAO WANJARI COLLEGE OF ENGINEERING & TECHNOLOGY



President

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

Secretary

Treasurer Dr. (Smt.) Suhasini Wanjari Adv. Abhijit G. Wanjarri Dr. Smeeta Wanjarri

Principal Dr. Salim Chavan

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B. TECH. 7TH SEMESTER

LEARNING MANAGMENT SYSTEM (LMS)

S. N.	NAME OF SUBJECT	CO'S	NOTES LINK
	ARTIFICIAL INTELLIGENCE (BTCOC701)	CO1: Explain the fundamental concepts, history, and foundations of Artificial Intelligence and intelligent agents.	VIEW
		CO2: Apply search strategies and problem-solving techniques, including constraint satisfaction and adversarial search.	<u>VIEW</u>
1		CO3: Compare and contrast different knowledge representation techniques and reasoning methods.	<u>VIEW</u>
		CO4: Correlate and categorize probabilistic reasoning models and planning techniques for AI applications.	VIEW
		CO5: Articulate and Use AI models for natural language processing, machine learning, and expert systems.	VIEW
2	CLOUD COMPUTING (BTCOC702)	CO1: Explain the core concepts of the cloud computing paradigm: how and why it is important, the characteristics, advantages and challenges brought about by the various models and services in cloud computing.	<u>VIEW</u>
		CO2: Apply the fundamental concepts in datacenters to understand the tradeoffs in power, efficiency and cost.	VIEW
2		CO3: Illustrate the fundamental concepts of cloud storage and demonstrate their use in storage systems such as Amazon S3 and HDFS. and I/O virtualization techniques.	<u>VIEW</u>
		CO4: Analyze distributed File Systems like HDFS, CephFS.	VIEW
		CO5: Explore some important cloud computing driven commercial systems.	VIEW

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

PresidentSecretaryTreasurerDr. (Smt.) Suhasini WanjariAdv. Abhijit G. WanjarriDr. Smeeta Wanjarri

Principal Dr. Salim Chavan

3	DISTRIBUTED SYSTEM (BTCOE703B)	CO1: Explain the fundamentals, models, and key issues in distributed computing and inter-process communication.	VIEW
		CO2: Use the RPC model, its implementation, and security considerations in distributed systems.	VIEW
		CO3: Illustrate the architecture, design, and consistency models of distributed shared memory systems.	<u>VIEW</u>
		CO4: Apply scheduling, load balancing, and process migration techniques in distributed environments.	VIEW
		CO5: Compute and interpret the design principles, access models, and fault tolerance mechanisms in distributed file systems.	<u>VIEW</u>
		CO1: Describe the fundamental concepts of	VIEW
	CRYPTOGRAPHY AND NETWORK SECURITY (BTCOE704A)	CO2: Apply modern symmetric encryption techniques, including DES and AES, and analyze cryptanalysis methods.	VIEW
4		CO3: Compute the security properties of stream ciphers, pseudo-random functions, and hash functions.	VIEW
		CO4: Explain asymmetric encryption techniques such as RSA and Diffie-Hellman, along with cryptanalysis methods.	VIEW
		CO5: Examine secure communication systems using digital signatures, elliptic curve cryptography, and network security protocols.	VIEW
		 CO2: Use the RPC model, its implementation, and security considerations in distributed systems. CO3: Illustrate the architecture, design, and consistency models of distributed shared memory systems. CO4: Apply scheduling, load balancing, and process migration techniques in distributed environments. CO5: Compute and interpret the design principles, access models, and fault tolerance mechanisms in distributed file systems. CO1: Describe the fundamental concepts of cryptography, number theory, and Shannon's theory. CO2: Apply modern symmetric encryption techniques, including DES and AES, and analyze cryptanalysis methods. CO3: Compute the security properties of stream ciphers, pseudo-random functions, and hash functions. CO4: Explain asymmetric encryption techniques such as RSA and Diffie-Hellman, along with cryptanalysis methods. CO5: Examine secure communication systems using 	VIEW
	DEEP LEARNING (BTCOE705B)	CO2: Make use of some elementary Deep learning	VIEW
5		CO3: Develop a broad perspective about the	VIEW
5		CO4: Understand the major Deep learning algorithms, the problem settings and assumptions that underlies	VIEW
		strengths and weaknesses of various common Deep	VIEW