

Government College of Engineering, Tirunelveli

Department of Computer Science and Engineering

CSE Video Lectures

Sl. No.	Subject Code& Subject Name	Faculty Name, Designation, College Name, Email id and Contact number	Unit	Topic	Video Link (Google drive/ YouTube)	QR Code
1.	CS8351 Digital Principles and System Design	D.ANITHA, Assistant Professor, GCE Tirunelveli. anitha@gcetly.ac.in 9487642233	Unit 1 Boolean Algebra and Logic Gates	Number Systems	https://drive.google.com/file/d/1dC6QYqvOeB6jYnfVFRF1YotGC3_PEGyC/view?usp=sharing	
					https://drive.google.com/file/d/1sOaWlgxuVCjSrhsOPKJgykbrIdEly-LM/view?usp=sharing	
					https://drive.google.com/file/d/1iGz1Fl3eKw3oZpe0Qly1FljTV327pgqW/view?usp=sharing	
				Arithmetic Operations	https://drive.google.com/file/d/1uPTMDh9SHZR078PnII_VITO A5LPt7gKJ/view?usp=sharing	
				Binary Codes	https://drive.google.com/file/d/1MrN-kb2WgYVWYdLmGTWAI36WYoLcZ2Gf/view?usp=sharing	
				Boolean Algebra and Theorems and	https://drive.google.com/file/d/1i4aToeYrAYAmL	

				Properties of Boolean Algebra	MUaUuvxVYggRZEOjglE/view?usp=sharing	
				Boolean Functions	https://drive.google.com/file/d/1tUr-FJh33Gm8XDlkfgtmlvFJkjrdVXlxQ/view?usp=sharing	
				Canonical and Standard Forms	https://drive.google.com/file/d/1OnHHmSQnll-Ta4PnG655MHhm6yuqdT0W/view?usp=sharing	
				Simplification of Boolean Functions using Karnaugh Map	https://drive.google.com/file/d/1HDaxwaRkR-Gpuebw28gvMZ0FZydYwk71/view?usp=sharing https://drive.google.com/file/d/1S7bWwxXC9BsD6MNLiVsxqWqzy71cgBFQ/view?usp=sharing	
				Simplification of Boolean Functions using Karnaugh Map	https://drive.google.com/file/d/1jb7WbhdpmRZQ1c3dSE2lZ90W2RiDYCZY/view?usp=sharing	
				Logic Gates and NAND NOR implementation	https://drive.google.com/file/d/1Xn0NAN_kPklDX3y0S72slElgmAjAh3uj/view?usp=sharing	

					w?usp=sharing https://drive.google.com/file/d/1sol_le8wEi3niriFVhR1duPvjXtmCGT/view?usp=sharing	
			Unit 2 Combinational Logic	Combinational	https://drive.google.com/file/d/1sol_le8wEi3niriFVhR1duPvjXtmCGT/view?usp=sharing	
				Design Procedures and Binary Adder	https://drive.google.com/file/d/1tCc-94GLrAlM25XjPJDuLsY5zLttEji/view?usp=sharing	
				Binary Subtractor and Binary Multiplier	https://drive.google.com/file/d/11mYk8k5Ev0zsNJAiBONljkmsbfYoACv/view?usp=sharing	
				Decimal Adder and Magnitude Comparator	https://drive.google.com/file/d/12SvY2AF8G7ZAsnbGwZKW-sT4dO_cH0Ld/view?usp=sharing	
				Multiplexers and Demultiplexers	https://drive.google.com/file/d/11zaQsCqQuMxeuSl_7a7VfM5hlhb4Cs/view?usp=sharing	
				Decoders and Encoders	https://drive.google.com/file/d/1B4u5P_1o38X4iwN_9u-3ao4OK_d1GOZu/view?usp=sharing	
			Unit 3 Synchronous Sequential	Introduction to HDL and HDL Models of	https://drive.google.com/file/d/1t5QFLYGNTgH	

			Logic	Combinational circuits.	9veIvXZpo9Bc2vuhCdub/view?usp=sharing	
				Sequential Circuits – Storage Elements: Latches, Flip-Flops	https://drive.google.com/file/d/1fxK7kWKAAgAi2WWAA_Hb3WFbyTfI3cwU/view?usp=sharing	
				Analysis of Clocked Sequential Circuits	https://drive.google.com/file/d/19TLOOJXBe5qldDQuIH8VXaZW0wiHbtb/view?usp=sharing	
				Design Procedure	https://drive.google.com/file/d/13-ry9_E6y8IjaZNv2QVXI-f4YXdkaZmK/view?usp=sharing	
				State Reduction and Assignment	https://drive.google.com/file/d/1Anv8Z7KP1dJcFTg1kDLSOQevEqebTS/view?usp=sharing	
				Registers	https://drive.google.com/file/d/11ntOalRTVWJDQ_jxGIEAxgTpywrtQLcP/view?usp=sharing	
				Counters	https://drive.google.com/file/d/1h-nbbd6OTS93TghYrlvsc	

					9omxf4l8qjt/view?usp=sharing	
				HDL Models of Sequential Circuits.	https://drive.google.com/file/d/1WrEM5aDCFuH_HBtUVsK_3qToPtnUYm9-/view?usp=sharing	
			Unit 4 Asynchronous Sequential Logic	Analysis of Asynchronous Sequential Circuits–.	https://drive.google.com/file/d/1O8nO8IXMHs7tuzeeXDV01LdAcnpCArT/view?usp=sharing	
				Design of Asynchronous Sequential Circuits	https://drive.google.com/file/d/1nNLybZP-dj8D50EgUFHAr5u_UqMo6b-rC/view?usp=sharing	
				Reduction of State and Flow Tables	https://drive.google.com/file/d/1stB_z9Q7fDaBS59NOOgrVSUtRnUumwFz/view?usp=sharing	
				Race-free State Assignment – Hazards	https://drive.google.com/file/d/1rbnxZ-Mwmy9L8hXSr6rcIHv7EiROWenX/view?usp=sharing	
			Unit 5 Memory And Programmable Logic	RAM – Memory Decoding -ROM	https://drive.google.com/file/d/1eT6TDhU1dZJ6TpqQJyVj9TZ_Aitx8arjA/view?usp=sharing	
				Error Detection and Correction	https://drive.google.com/file/d/1	

					fYarZF0AShB6SDn8Dys-xnvneh8mzNOC/view?usp=sharing	
				Programmable LogicArray	https://drive.google.com/file/d/1wcklcof2jycQtci85mkZQIYdwTCl64IH/view?usp=sharing	
				Programmable ArrayLogic	https://drive.google.com/file/d/1k1DW98w9TM8hhkfTZUuC_J38um8tvA9X/view?usp=sharing	
				Sequential Programmable Devices.	https://drive.google.com/file/d/1rgbkj5E_Cmbyc2zAs6ly9PYX5BOo1JEj/view?usp=sharing	
2.	CS8791 Cloud Computing	Dr. M. Mahil Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 1 Introduction	Introduction to Cloud Computing	https://drive.google.com/file/d/1PXcRJG_9v2rE3YGx0389dJlrQcIsgyq/view?usp=sharing	
				Definition of Cloud Computing	https://drive.google.com/file/d/1HTZz5qK_doky5PkVIwpurVakjhdFo68f/view?usp=sharing	
				Evolution of Cloud Computing	https://drive.google.com/file/d/1Qp8yOFeOFnr34dMcCMjCYJjKVUUx1puo/view	

					?usp=sharing	
				Underlying principles of Parallel and Distributed Computing	https://drive.google.com/file/d/1Mj07ZM-DqwWY2hv9k3X7E_uLdRE2ujTd/view?usp=sharing	
				Cloud Characteristics	https://drive.google.com/file/d/1-G-F7gCUMai7iNKLtwoGX_YBbz7y21BJm/view?usp=sharing	
				Elasticity in Cloud	https://drive.google.com/file/d/1-8PalzK_W_SO7ZINRMveLpdEiFmCsl8D/view?usp=sharing	
				OnDemand Provisioning	https://drive.google.com/file/d/1-8lTNbcZyu6Q8cELNPVXA8HIMghdA_Ir/view?usp=sharing	
			Unit 2 Cloud Enabling Technologies	Service Oriented Architecture	https://drive.google.com/file/d/1mOFb87Nw2MBxcWCPnyZRu7ga_hiJ6CBIf/view?usp=sharing	
				REST and Systems of Systems	https://drive.google.com/file/d/1qdNx8OVmi-7q6UHKn4UA6e5H5oLZJSBm/view?usp=sharing	
				Web Services	https://drive.google.com/file/d/19gSs8kBnYK490thioDxZ11gLcYr0kPr9/view?usp=sharing	

					haring	
				Publish Service Model	https://drive.google.com/file/d/1dAD_kH_V4VCl7VNOwVZDmfXwdGdlSREW/view?usp=sharing	
				Basics of Virtualization	https://drive.google.com/file/d/1RGZGrDVLtLD0K7r-LiueOrgK GXWZBdJv/view?usp=sharing	
				Types of Virtualization	https://drive.google.com/file/d/154S-KuqhoGE1iptloF9b9ew522QDZrzZ/view?usp=sharing	
				Implementation levels of Virtualization	https://drive.google.com/file/d/13G8uqJ50b6HznWUAjtreypsWH1HbdbQi/view?usp=sharing	
				Virtualization structure Tools and Mechanisms	https://drive.google.com/file/d/1egznsW0VXwX0FJIM7eOBFCEEFz zM-pSu/view?usp=sharing	
				Virtualization of CPU, Memory and I/O	https://drive.google.com/file/d/1f17DzIY2-kVgJWmBxT9om9yG0HLmIAfL/view?usp=sharing	

				Virtualization Support and Disaster recovery	https://drive.google.com/file/d/1G_aASZCEjYPRcn2BPd9Von0cWQ80Rkb1/view?usp=sharing	
			Unit 3 Cloud Architecture, Services And Storage	Layered Cloud Architecture Design	https://drive.google.com/file/d/14T7ROS79SszFTJQp7WxCibvAxP8V-JddY/view?usp=sharing	
				NIST Cloud Computing Reference Architecture	https://drive.google.com/file/d/1nHXR0UAA-YTKFP5h_FgSdJDA6V1alzZ/view?usp=sharing	
				Public, Private and Hybrid Clouds	https://drive.google.com/file/d/1z2aF1N_6bTS7C7WmqB1RMJlB_MNo_2Yh/view?usp=sharing	
				IaaS – PaaS – SaaS	https://drive.google.com/file/d/1x4C7g-ytxV4cS8sMfnrtW_ENjd4qZoZWX/view?usp=sharing	
				Architectural Design Challenges	https://drive.google.com/file/d/1e7p0wQegr5HOHoB4aSjCd9t1_n9DRjII/view?usp=sharing	

				Cloud Storage, Storage-as-a-service, Advantages of cloud	https://drive.google.com/file/d/172giLtRcdL7s7DctjQxyJk7W4ancsaDr/view?usp=sharing	
				Cloud Storage Providers – S3	https://drive.google.com/file/d/18rqPiOVR-SvPdHOJeAmG NyFW2SrxK5Mb/view?usp=sharing	
				Diagnostics	https://drive.google.com/file/d/1ZGhvrUxIoYHsrjfeOOtlyQw4fdU2INHN/view?usp=sharing	
			Unit 4 Resource Management And SecurityIn Cloud	Inter Cloud Resource Management	https://drive.google.com/file/d/1nNQbWGCN iy728fwc4tAdS56tTYA5zhU/view?usp=sharing	
				Resource Provisioning and Resource Provisioning Methods	https://drive.google.com/file/d/1jiq6zerlEB U4imMfjUoqI nrmt0w3L/view?usp=sharing	
				Global Exchange of Cloud Resources	https://drive.google.com/file/d/1hI1ZYEmKz7b220jqbfazl-GmcXV3N7C/view?usp=sharing	

					g https://drive.google.com/file/d/1gXfLixgGWtuds3s6ANYtvqjGKnl2n15Qf/view?usp=sharing	
				Security Overview	https://drive.google.com/file/d/1Ujs0JJHgZSsqGVdVYqR9p_znOxw_aifAn/view?usp=sharing	
				Cloud Security Challenges	https://drive.google.com/file/d/12l8Cxxk0qdL8PSqhVgKz2iTsz1VbNaG9j/view?usp=sharing	
				Software-as-a-Service Security	https://drive.google.com/file/d/14J4CP3Jh7cuteEWs0Ee47uM4TC3BBC0m/view?usp=sharing	
				Security Governance	https://drive.google.com/file/d/1qghmOWxQZilDz0a2ZJd5UaWIT-y6sUee/view?usp=sharing	
				Virtual Machine Security	https://drive.google.com/file/d/1fdQWDYP2bePWK0dfYExNbSukNf4U1MuY/view?usp=sharing	
				IAM		

				Security Standards	https://drive.google.com/file/d/1BgvZP54iU6wix1Z_ARyyRFHhkAMsAJDW/view?usp=sharing	
			Unit 5 Cloud Technologies And Advancements	Hadoop	https://drive.google.com/file/d/1U09hSSmqYTzVqJCrdDLeiySrWJP1hExh/view?usp=sharing	
				MapReduce	https://drive.google.com/file/d/1fK_SXtIWvqMCvr5EpeRmazHWLlMuCAcl/view?usp=sharing	
				VirtualBox	https://drive.google.com/file/d/1feIyDkZSUpJp3wd1gUM3tgkR3F2Elegw/view?usp=sharing	
				Google App Engine	https://drive.google.com/file/d/1r4HvxcJY_J1eW35jYxtXpzLucwNWXGPF/view?usp=sharing	
				Programming Environment for Google App Engine	https://drive.google.com/file/d/11S85cFjqWbozTkC-gB84j0AS98nMH_zXV/view?usp=sharing	

				OpenStack	https://drive.google.com/file/d/1ixbgSf79XMMPiMKM5kZGrNYrTQY6iNDR/view?usp=sharing	
				Federation in Cloud & Types of Federation	https://drive.google.com/file/d/1tAGGewsdwzTxM1zJr6K1MKEshBc5LNg5/view?usp=sharing	
				Federation Services and Applications	https://drive.google.com/file/d/1dc8Lv-Cf_xv5lYuMUkV8gsQrFShgyQyb/view?usp=sharing	
				Future of Federation	https://drive.google.com/file/d/19fRXRYKSEnJeZ99nbfy0l7FrcYdlkZEK/view?usp=sharing	
3.	CS8073 C# and .Net Programming	SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 1 C# Language Basics	Objects and Types-Classes and Structs	https://drive.google.com/file/d/1v5pGofWOLhkt6Mz05hJlpU33QwsHzYd/view?usp=sharing	
				Inheritance	https://drive.google.com/file/d/1FexDYfunKUBRuINDk5hR1APQ-B1wAp/view?usp=sharing	
				Generics	https://drive.google.com/file/d/1jtl	

					z470NcHOTnN5-QTPPRiAyUshZS9xa/view?usp=sharing	
				Arrays and Tuples	https://drive.google.com/file/d/1NMqdZFws0LFqbaEtpNqyVSQF8vhj20VV/view?usp=sharing	
				Delegates	https://drive.google.com/file/d/1DuXmmQGnCW34B39h6FwKJMyIkaI66smA/view?usp=sharing	
				Lambdas – Lambda Expressions	https://drive.google.com/file/d/1YDyr1CL11FFmgDjsuBqKx8fCBMbtC9iA/view?usp=sharing	
				Events – Event Publisher – EventListener	https://drive.google.com/file/d/1R5ni1Siw2kyeaUy-mhpJsknQ9X5V Dt MW/view?usp=sharing	
				Strings and Regular Expressions	https://drive.google.com/file/d/1w27oDYiJbEsZVZ2E nLzv1CiDslcOSQ3/view?usp=sharing	
				Generics	https://drive.google.com/file/d/1G63Cy3cU0OieeNE8271aMnuLpotEy-	
			Unit 2 C# Advanced Features			

					Ka/view?usp=sharing	
				Collections	https://drive.google.com/file/d/17cR2k27WTuGUvRG3zuqguftJKf9aIOuJ/view?usp=sharing	
				Memory Management and Pointers	https://drive.google.com/file/d/1bLy1STrc0Qbcd1DKijsNHu1lZNnEZfZt/view?usp=sharing	
				Errors and Exceptions	https://drive.google.com/file/d/1ZwgKCaROH62H1yb2BtPaA5lJJNjWJYm/view?usp=sharing	
				Reflection	https://drive.google.com/file/d/1sADIByd6Hb8UjUnvANbbxi1531LN3YV/view?usp=sharing	
			Unit 3 Base Class Libraries And Data Manipulation	Diagnostics	https://drive.google.com/file/d/1ZGhvrUxIoYHsrjfeOOtlyQw4fdU2lNHN/view?usp=sharing	
				Tasks, Threads and Synchronization	https://drive.google.com/file/d/1vQuXKuO8SOT58yTKxPLUS06DmBsC5K2M/view?usp=sharing	

					w?usp=sharing	
				.Net Security	https://drive.google.com/file/d/1k9Dn99S7OGGhG5nCJQQwMd_aEp9fem0d5/view?usp=sharing	
				Localization	https://drive.google.com/file/d/16sz5oFkFNc02dge-TBLGmY0l1Rgpwo5r/view?usp=sharing	
				Manipulating XML-SAX and DOM	https://drive.google.com/file/d/1172x7ZXMPHNAmi-5A_1Q89A-esXXnOER/view?usp=sharing	
				Manipulating files and the Registry	https://drive.google.com/file/d/1cDDQSDD_araGD8lRxbor67_xlviZhbMA/view?usp=sharing	
				Transactions	https://drive.google.com/file/d/1oSQ_Ty8-DP9AFINn2LPm_wRZuuzGAlIf/view?usp=sharing	
				ADO.NET	https://drive.google.com/file/d/1xjtEm67zOysobEUq9o4fNMjCaM_2BZ7x/view?usp=sharing	

				Peer-to-Peer Networking	https://drive.google.com/file/d/15tftKL88_16bLSOsHSemmy6wOiQkpzuU/view?usp=sharing	
				PNRP	https://drive.google.com/file/d/1QzWyI-l25ital0lIFsTv4bMj-smrjWpV/view?usp=sharing	
				Building P2P Applications	https://drive.google.com/file/d/1Z4yCGCSTd8HkdftnuKgTbLnn6MU2KgYq/view?usp=sharing	
				Windows Presentation Foundation (WPF)	https://drive.google.com/file/d/1vafGl8TEKeLr-K2FG-PbQVcCAJTPg---/view?usp=sharing	
			Unit 4 Window Based Applications, Wcf And Wwf	Window based applications – Core ASP.NET- ASP.NET Web forms	https://drive.google.com/file/d/14Rk1V6tWZCYZ-5xCHkwSBJcMoySqTGkf/view?usp=sharing	
				Windows Communication Foundation (WCF)- Introduction to WebServices	https://drive.google.com/file/d/1jETv6gmsCb_lh3nervn0Z3HHOYXy0zbo/view?usp=sharing	

				.Net Remoting – Windows Service	https://drive.google.com/file/d/1V_o_AEdHXehHP7DFXq6Eg3Qzi4jI9cD3v/view?usp=sharing	
				Windows Workflow Foundation (WWF) – Activities	https://drive.google.com/file/d/1EKEqFwuETCuaFRYwGO9AreNGLF4s0TMp/view?usp=sharing	
				Workflows	https://drive.google.com/file/d/1NfgdmCq_7QAE6Wx7ZpEEgt-iCI9vNcKR/view?usp=sharing	
			Unit 5 .Net FrameworkAnd Compact Framework	Assemblies – Shared assemblies	https://drive.google.com/file/d/1Hoj4GjdXf7hmiHI6OT62QOoaBwL8Bnrx/view?usp=sharing	
				Custom Hosting withCLR Objects – Appdomains	https://drive.google.com/file/d/1EjybCajkpIyqDqzNqpLDwodwI=BR_OYN/view?usp=sharing	
				Core XAML – Bubbling and Tunneling Events- Reading and Writing XAML	https://drive.google.com/file/d/1l2S9N_PPQvUG0uMWx_bDNHy_o7zQiraT/view?usp=sharing	

				.Net Compact Framework – Compact Edition– Networking and Mobile Devices	https://drive.google.com/file/d/1eMDYYYYiPTc7OtGDh9P-aUXlIvmY4LpTb/view?usp=sharing	
				Optimizing performance – Packaging and Deployment DataStores – Errors, Testing and Debugging	https://drive.google.com/file/d/1ZWQhYQWY2sj0bi92KEzG9D-rxK4NeF-vU/view?usp=sharing	