



BACHELOR OF ENGINEERING - VIDEO LECTURES



Compiled by
Government Engineering Colleges

Affiliated to Anna University, Chennai

Bodinayakkanur - Theni, Srirangam - Trichy, Dharmapuri, Tirunelveli, Sengipatti - Tanjore, Vellore

Under the guidance of

Shri. K. VIVEKANANDAN, I.A.S.


Commissioner of Technical Education

DIRECTORATE OF TECHNICAL EDUCATION

GUINDY, CHENNAI - 600025



Directorate of Technical Education
Tamil Nadu



**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES - REGULATION 2017

B.E COMPUTER SCIENCE AND ENGINEERING Regulations 2017

Video Lectures for Odd Semester Subjects

Subjects

I Year I sem All Branches

1. GE8151 Problem Solving and Python Programming

II Year III Sem CSE

2. CS8351 Digital Principles and System Design
3. CS8391 Data Structures
4. CS8392 Object Oriented Programming

III Year V Sem CSE

5. CS8591 Computer Networks
6. CS8501 Theory of Computation
7. CS8592 Object Oriented Analysis and Design

IV Year VII Sem CSE

- 8. MG8591 Principles of Management
- 9. CS8792 Cryptography and Network Security
- 10. CS8791 Cloud Computing

IV Year VII Sem CSE Professional Elective II

- 11. CS8082 Machine Learning Techniques
- 12. IT8075 Software Project Management

IV Year VII Sem CSE Professional Elective III

- 13. CS8083 Multi-Core Architectures and Programming
- 14. CS8079 Human Computer Interaction
- 15. CS8073 C# and .Net Programming

II Year III Sem ECE

- 16. EC8393 Fundamentals of Data Structures in C






IV Year VII Sem EEE & ECE Open Elective III







- 17. OCS752 Introduction to C Programming







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I Year I Sem All Branches






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.	GE8151 Problem Solving and Python Programming	N.Jagadeeswari, Assistant Professor/CSE, TPGIT, Vellore. jagadeeswarirajesh1710@gmail.com 9514672196, 9840454629	Unit 1 Algorithmic Problem Solving	Algorithms, Building clocks of algorithm, Notation of algorithm, Psuedocode, Flowchart	https://www.youtube.com/watch?v=8F8-61Rh6Y8	
				Examples for Flow chart, Algorithmic problem solving, Simple statergies for developing algorithms, Illustrative Examples	https://www.youtube.com/watch?v=3anzBEs3m08	
			Unit 2 Data, Expressions, Statements	Python – Introduction, Keywords, Identifiers, Comments, Variables, Input and Output Statements	https://www.youtube.com/watch?v=hUMXv9WdroA&feature=youtu.be&hd=1	
				Python types – Numbers, Strings, List, Tuple, Set, Dictionary	https://www.youtube.com/watch?v=N2AR1YddN5I	
				Python Operators: Arithmetic Operators, Comparison, Logical Operators	https://www.youtube.com/watch?v=59Lhfk9ILw	






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1.	GE8151 Problem Solving and Python Programming	N.Jagadeeswari, Assistant Professor/CSE, TPGIT, Vellore. jagadeeswarirajesh1710@gmail.com 9514672196, 9840454629	Unit 2 Data, Expressions, Statements	Bitwise Operators, Assignment Operators, Membership Operators, Identity Operators, Precedance of Operators.	https://www.youtube.com/watch?v=Mj4jU7dDgul	
			Unit 3 Control Flow, Functions	Decision making statements : if, if ...else, if ..elif...else, nested if statements with examples	https://www.youtube.com/watch?v=A1Ax9FVcHaU&feature=youtu.be&hd=1	
				Iteration statements : for, while, do ...while, with examples	https://www.youtube.com/watch?v=jmscgYyAn3M&list=PLaL8BMYR2kooe1B5R8Q_s40q_oRQ2S2Se&index=9&t=0s	
				nested loop, while ...else loops , break statement with examples	https://www.youtube.com/watch?v=2zXF3vGsetM&feature=youtu.be&hd=1	
				Continue statement and pass statement	https://www.youtube.com/watch?v=wwhveAXenJA&feature=youtu.be&hd=1	
				Functions:Defintion, Rules, Arguments	https://www.youtube.com/watch?v=VQ7ewoxiXy8	







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1.	GE8151 Problem Solving and Python Programming	N.Jagadeeswari, Assistant Professor/CSE, TPGIT, Vellore. jagadeeswarirajesh1710@gmail.com 9514672196, 9840454629	Unit 3 Control Flow, Functions	Functions: Anonymous functions, fruitful function	https://www.youtube.com/watch?v=VQ7ewoxiXy8	
				Functions: Pass by value and Pass by reference	https://www.youtube.com/watch?v=fFShJOFjDTY	
				Strings, String handling functions	https://www.youtube.com/watch?v=XENZb6b1HI	
			Unit 4 Lists, Tuples, Dictionaries	Lists and List handling operations, functions, methods, aliasing	https://www.youtube.com/watch?v=ily4I15qoV0&feature=youtu.be&hd=1	
				List Cloning, List as parameters, delation	https://www.youtube.com/watch?v=PvRAxg3_MCA	
				Tuples –creation, accession, slicing and indexing, deletion	https://www.youtube.com/watch?v=lgeZ6zfk3Ko	







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1.	GE8151 Problem Solving and Python Programming	N.Jagadeeswari, Assistant Professor/CSE, TPGIT, Vellore. jagadeeswarirajesh1710@gmail.com 9514672196, 9840454629	Unit 4 Lists, Tuples, Dictionaries	Dictionary, creation, accession,deletion, methods and function	https://www.youtube.com/watch?v=3UIIKaZmgY8	
			Unit 5 Files, Modules, Packages	Exception handling and Modules in Python	https://www.youtube.com/watch?v=bFgY1tFs9fc&feature=youtu.be&hd=1	
				Files –Opening, read operation, write operation,append mode, directory access	https://www.youtube.com/watch?v=apzTp6M_0sM&feature=youtu.be	







II Year III Sem CSE








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2.	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/1iGz1F13eKw3oZpe0Qly1FljTV327pgqW/view?usp=sharing	
				Arithmetic Operations	https://drive.google.com/file/d/1uPTMDh9SHZRO78PnII_VITOA5LPt7gKJ/view?usp=sharing	
				Binary Codes	https://drive.google.com/file/d/1MrN-kb2WgYVWYdLmGTWAI36WYoLcZ2Gf/view?usp=sharing	






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2.	CS8351 Digital Principles and System Design	D.ANITHA, Assistant Professor GCE Tirunelveli anitha@gcetly.ac.in 9487642233	Unit 1 Boolean Algebra and Logic Gates	Boolean Algebra and Theorems and Properties of Boolean Algebra	https://drive.google.com/file/d/1i4aToeYrAYAmLMUaUuvxVYggRZEOjgIE/view?usp=sharing	
				Boolean Functions	https://drive.google.com/file/d/1tr-FJh33Gm8XDIkfgtmlvFJkjrVXlxQ/view?usp=sharing	
				Canonical and Standard Forms	https://drive.google.com/file/d/1OnHHmSQnIl-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	






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				Logic Gates and NAND NOR implementation	https://drive.google.com/file/d/1Xn0NAN_kPkIDX3y0S72slElgmAjAh3uj/view?usp=sharing	
			Unit 2 Combinational Logic	Combinational Circuits and Analysis Procedure	https://drive.google.com/file/d/1sol_le8wEi3ni-riFVhR1duPbjXtmCGT/view?usp=sharing	
				Design Procedures and Binary Adder	https://drive.google.com/file/d/1tCc-94GLrAIM25XjPJDULsY5zLttEji/view?usp=sharing	
				Binary Subtractor and Binary Multiplier	https://drive.google.com/file/d/11mYk8k5Ev0zsNJAiBONljkmsbfYo_ACv/view?usp=sharing	
				Decimal Adder and Magnitude Comparator	https://drive.google.com/file/d/12SvY2AF8G7ZAsnbGwZKW-sT4dO_cH0Ld/view?usp=sharing	






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2.	CS8351 Digital Principles and System Design	D.ANITHA, Assistant Professor GCE Tirunelveli anitha@gcetly.ac.in 9487642233	Unit 2 Combinational Logic	Multiplexers and Demultiplexers	https://drive.google.com/file/d/11zaQsCqQuM_xeuSl_7a7Vf_M5h1hb4Cs/view?usp=sharing	
				Decoders and Encoders	https://drive.google.com/file/d/1B4u5P_1o38X4iwN_9u-3ao4OK_d1GOZu/view?usp=sharing	
				Introduction to HDL and HDL Models of Combinational circuits.	https://drive.google.com/file/d/1t5QFLYGNTgH9veIvXZpo9Bc_2vuhCdub/view?usp=sharing	
			Unit 3 Synchronous Sequential Logic	Sequential Circuits – Storage Elements: Latches, Flip-Flops	https://drive.google.com/file/d/1fxK7kWKAAgAi2WWAA_Hb3WFbyTf13cwU/view?usp=sharing	
				Analysis of Clocked Sequential Circuits	https://drive.google.com/file/d/19TLOOJXBe5_qldDQuIH8VXaZW0wiHbtb/view?usp=sharing	
				Design Procedure	https://drive.google.com/file/d/13-ry9_E6y8IjaZNv2QVXI-f4YXdkaZmK/view?usp=sharing	







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2.	CS8351 Digital Principles and System Design	D.ANITHA, Assistant Professor GCE Tirunelveli anitha@gcetly.ac.in 9487642233	Unit 3 Synchronous Sequential Logic	State Reduction and Assignment	https://drive.google.com/file/d/11Anv8Z7KP1dJcFTg1kDLSOQevEgebTS-/view?usp=sharing	
				Registers	https://drive.google.com/file/d/11ntOalRTVWJDQ_jxGIEAxgTpywrtQLcP/view?usp=sharing	
				Counters	https://drive.google.com/file/d/1h-nbbd6OTS93TghYrlvsc9omxf4I8qjt/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/1O8nO8IXMHs7tuzeeXDV0I1LdAcnpCArT/view?usp=sharing	
				Design of Asynchronous Sequential Circuits	https://drive.google.com/file/d/1nNLYbZP-dj8D50EgUFHar5uUqMo6b-rC/view?usp=sharing	







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2.	CS8351 Digital Principles and System Design	D.ANITHA, Assistant Professor GCE Tirunelveli anitha@gcetly.ac.in 9487642233	Unit 4 Asynchronous Sequential Logic	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/1fYarZF0AShB6SDn8Dys-xnvneh8mzNOC/view?usp=sharing	
				Programmable Logic Array	https://drive.google.com/file/d/1wcklcof2jycQtcj85mkZQIYdwTCl64IH/view?usp=sharing	
				Programmable Array Logic	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	







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3.	CS8391 Data Structures	C.Sathish, AP/CSE GCE Bodinaikkanur csathishme@yahoo.co.uk 9865880264	Unit 1 Linear Data Structure – List	ADT, List ADT, Array-based implementation, Linked List Implementation	https://drive.google.com/file/d/1QVGy-0AkSs6y4YD0eJJBwh3EA_rOnS0ip/view?usp=drivesdk	
		R.VIMALA ASSISTANT PROFESSOR GCE Bodinaikkanur Vimalaleela09@gmail.com 9952886858		Singly Linked List	https://drive.google.com/file/d/1SOET7loslfM4E-rklt6_dmrVFL6zlaK/view?usp=sharing	
				Doubly Linked List	https://drive.google.com/file/d/1-ollT4yc61il6A31ltU2pxX3YsgHCRI5/view?usp=sharing	
				Circular Linked List, Application of Lists, Polynomial Manipulation	https://drive.google.com/file/d/1-nRaN86N3bZICfu6NWsYz_VL_Dni97V_eQ/view?usp=sharing	
		Sivaranjani.B AP-CSE GCE Bodinaikkanur bsranjani@gmail.com 9047370925		Linked list operations (Insertion, Deletion, Merge and Traversal)	https://drive.google.com/file/d/1lpPhh0dtixrkKpCJ8ZDhcgvUeFB4CTrL/view?usp=sharing	






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3.	CS8391 Data Structures	R.Vimala Assistant Professor GCE Bodinaikkanur Vimalaleela09@gmail.com 9952886858	Unit 2 Linear Data Structures – Stacks, Queues	Stack ADT – Operations - Applications - Evaluating arithmetic expressions- Conversion of Infix to postfix expression -	https://drive.google.com/file/d/131dK6ydb1JhutFwnHf_yH7Jje7fhR-BV/view?usp=sharing	
				Queue ADT – Operations - Circular Queue – Priority Queue - deQueue – applications of queues	https://drive.google.com/file/d/12ySgQidAsTtbuedIQq9TJdgdw37gTw94/view?usp=sharing	
			Unit 3 Non Linear Data Structures – Trees	Tree ADT – tree traversals – Binary Tree ADT – expression trees – applications of trees – binary search tree ADT	https://drive.google.com/file/d/1tCrzTKdlgPmGpWWCvov38n-LNVC8MrdL/view?usp=sharing	
		Threaded Binary Trees- AVL Trees – B-Tree – B+ Tree – Heap – Applications of heap		https://drive.google.com/file/d/1Ff4pwCauRYdNhCYkrnm62XzcUdep3m0/view?usp=sharing		
		C.Sathish Assistant Professor csathishme@yahoo.co.uk 9865880264	Unit 4 Non Linear Data Structures - Graphs	Definition – Types of graph	https://qr.go.page.link/DtcpL	






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3.	CS8391 Data Structures	C.Sathish Assistant Professor csathishme@yahoo.co.uk 9865880264	Unit 4 Non Linear Data Structures - Graphs	Representation of Graph	https://qr.go.page.link/ZbJg9	
				Breadth-first traversal - Depth-first traversal	https://qr.go.page.link/uwwi5	
				Topological Sort – Bi-connectivity – Cut vertex	https://qr.go.page.link/yWi4v	
				Euler circuits – Applications of graphs	https://qr.go.page.link/kwFw	
			Unit 5 Searching, Sorting And Hashing Techniques	Searching- Linear Search - Binary Search	https://qr.go.page.link/tt3mP	






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3.	CS8391 Data Structures	C.Sathish Assistant Professor csathishme@yahoo.co.uk 9865880264	Unit 5 Searching, Sorting And Hashing Techniques	Sorting – Bubble sort	https://qrgo.page.link/tcmi4	
		R.Vimala Assistant Professor Vimalaleela09@gmail.com 9952886858		Selection sort- Insertion sort -Shell sort – Radix sort.	https://drive.google.com/file/d/1FwSXcWWA5u4yIEQ21nrmeU0kSGfm_AJl/view?usp=sharing	
		Sivaranjani.B Assistant Professor bsranjani@gmail.com 9047370925		Hashing- Hash Functions – Separate Chaining – Open Addressing – Rehashing – Extendible Hashing.	https://drive.google.com/file/d/1glfQPSt4T2US9fqHmlF9jshHQq9J2-i4/view?usp=sharing	
4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 1 Introduction to OOP and Java Fundamentals	Object Oriented Programming – Abstraction, Object, Class, Encapsulation, Inheritance, Polymorphism (14:59)	https://drive.google.com/file/d/18H8gDA714bA6ZDakAnxEaGGMw7gKAPxS/view?usp=sharing	
				OOP in Java (17:35)	https://drive.google.com/file/d/1Aen44OBpWTrFXWrJPIMEZsTBzRZahB16/view?usp=sharing	
				Characteristics of Java (09:36)	https://drive.google.com/file/d/1Ek_cyVRjrHnzIQIiybkTMHxLode5QGhz/view?usp=sharing	






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4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 1 Introduction to OOP and Java Fundamentals	Java Environment, Java Source File, Java Structure, Compilation (13:44)	https://drive.google.com/file/d/1d1trIAkK0T6tdIH7LqdTz_6di5BpElrw/view?usp=sharing	
				Fundamental Programming Structure in Java (21:48) Defining classes, methods	https://drive.google.com/file/d/1KDDoqHdhMdAxYLBv7zguVMIpHw-PSiG/view?usp=sharing	
				Access Modifiers or Specifiers (14:30)	https://drive.google.com/file/d/1q0mxT7YUU8Yr1V376sorgFuWwfx8oWVF/view?usp=sharing	
				Static Members (15:23)	https://drive.google.com/file/d/1bs3d5C1cWhnc6Q1B1PvX2jN0Ywvd2vd/view?usp=sharing	
				Constructors (28:17)	https://drive.google.com/file/d/17hmz950ZIX8B5LIEiyj6w3Ma7mI7j6CQ/view?usp=sharing	
				Constructors (28:17)	https://drive.google.com/file/d/17hmz950ZIX8B5LIEiyj6w3Ma7mI7j6CQ/view?usp=sharing	






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4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 1 Introduction to OOP and Java Fundamentals	Data types (22:39)	https://drive.google.com/file/d/1EphOthlgPCXWsg4Ruv-QfBky-5P5ew0S/view?usp=sharing	
				Comments, Variables, Constants* (15:20)	https://drive.google.com/file/d/1_9flePBiyIb5EJGK0mLWqum9sfy-TLFn/view?usp=sharing	
				Operators (34:26)	https://drive.google.com/file/d/1qV6u9mszQ9NgzTVr2EsejoH1hPJeYJd4/view?usp=sharing	
				Control Flow (35:09)	https://drive.google.com/file/d/112tzIu5K0wZjXPY840FvHYN-QCKxKxeL/view?usp=sharing	
				Arrays (17:00)	https://drive.google.com/file/d/1aV7tJADJlq_PrBx6Bc2YfYa9IoOII8ZL/view?usp=sharing	
				Packages & Java Doc Comments (12:12)	https://drive.google.com/file/d/108IHw0u4WdAULfI7kxMuGuk7nPUNiMYy/view?usp=sharing	






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4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 2 Inheritance And Interfaces	Basic concept of Inheritance (22:16) <ul style="list-style-type: none"> Super and sub classes 	https://youtu.be/QgDufOK2rLw	
				Role of Access Modifiers in Java (09:46) <ul style="list-style-type: none"> Protected Members 	https://youtu.be/sqar0gD2jJs	
				Role of Super Keyword in Inheritance Hierarchy* (18:02)	https://youtu.be/eHiNE4tZJHo	
				Constructors in Subclass (26:03)	https://youtu.be/u1qZsqa0P0A	
				Implementation of run-time Polymorphism * (25:42)	https://youtu.be/ix07E2Iumv0	





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4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 2 Inheritance And Interfaces	Types of Inheritance - Single Level Inheritance* (21:56)	https://youtu.be/q7q8nw7H2mw	
				Types of Inheritance - Multi-Level Inheritance* (29:54)	https://youtu.be/rwpkctQ1Vpc	
				Types of Inheritance - Hierarchical Inheritance* (07:41)	https://youtu.be/g3OYzyEWlts	
				Mapping Problem statement With Inheritance Hierarchy* (38:13)	https://youtu.be/EJwi6EKCFt8	
				Abstract Class and Methods (19:43)	https://youtu.be/07-WkaX1j_U	

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	
4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 2 Inheritance And Interfaces	Mapping Problem Statement with Abstract Concept* (12:06)	https://youtu.be/CZ9xCOTMO4c		
				Final Class and Methods (13:33)	https://youtu.be/sT6YaK4vxWc		
				Implementation of Multiple Inheritance using Interface (25:58)	<ul style="list-style-type: none"> Defining an interface Implementing an Interface Extending an Interface 	https://youtu.be/4DMc17rEH38	
				Difference between Class and Interface (04:46)	https://youtu.be/zGQq1uB2-ME		
				Object Cloning (12:05)	https://youtu.be/nUzGLD2OSgo		






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
4.	CS8392 Object Oriented Programming	N.Karthikeyan Assistant Professor GCE Thanjavur karthi796@gmail.com 6369528007	Unit 2 Inheritance And Interfaces	Array List(14:45)	https://youtu.be/wWtnjXXZKHQ	
				Basic Concept of Strings (27:38)	https://youtu.be/sROtvPYjaNU	
				String Comparisons in Java (18:25)	https://youtu.be/fWSp19UbSLo	
				Searching and Modification of Strings in Java (14:50)	https://youtu.be/aQMPuKgkVBg	
		Dr.G.Pattabirani (AP/CSE) GCE Thanjavur	Unit 3 Exception Handling And I/O	Exceptions-exception hierarchy (14:59)	https://drive.google.com/file/d/102enu8mtuSUh-gIleO9gmYOpGIB9F114/view?usp=sharing	







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
4.	CS8392 Object Oriented Programming	Dr.G.Pattabirani (AP/CSE) GCE Thanjavur	Unit 3 Exception Handling And I/O	Throwing and catching exceptions	https://drive.google.com/file/d/1gUI7BM-l20qZ_HB6t_rjNXt-12YEfd0jMa/view?usp=sharing	
				Built-in exceptions, Creating own exceptions, Stack Trace Elements.(13:00)	https://drive.google.com/file/d/102enu8mtuSUh-gIeO9gmYOpGIB9F114/view?usp=sharing	
				Input /Output Basics(15:01)	https://drive.google.com/file/d/1qHJxxrFtH5bemB0EN9jZaQTgpp6eSQTt/view?usp=sharing	
				Streams, Byte streams and character streams, Reading and Writing Console-Reading and Writing Files Templates (15:01)	https://drive.google.com/file/d/1k-UHNiVcSecdqQN1mPm8CPvf953zvue0/view?usp=sharing	
			Unit-4: Multithreading And Generic Programming	Introduction to Multithreading and Multitasking(14:57)	https://drive.google.com/file/d/15EoCwLbGbXu2InoKLGy7MdFOPzpFH6xM/view?usp=sharing	







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
4.	CS8392 Object Oriented Programming	Dr.G.Pattabirani (AP/CSE) GCE Thanjavur	Unit-4: Multithreading And Generic Programming	Differences between multithreading and multitasking, Thread life cycle, Creating threads	https://drive.google.com/file/d/102enu8mtuSUh-gIeO9gmYOpGIB9F114/view?usp=sharing	
				Synchronizing threads(15:01)	https://drive.google.com/file/d/15P12wIy2pJndXWPvm-YpfW-OFtkhSVKf/view?usp=sharing	
				Inter-thread communication(15:01)	https://drive.google.com/file/d/1QnU1Ftc_CE-2Sup0GzxUHvXRCLhgjuak/view?usp=sharing	
				Daemon threads, Thread groups.(12:01)	https://drive.google.com/file/d/1O73QT299zgX4f4vHTulOPkU7-gIA_PRg/view?usp=sharing	
		Mrs.M.Revathi AP(Part Time)/CSE) GCE Thanjavur	Generic programming-classes ,methods, Bounded types, Restrictins and limitations	https://drive.google.com/file/d/115_ca61HUp0cHnooDQcUidiqMGM7Ky3M/view?usp=sharing		







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
4.	CS8392 Object Oriented Programming	Mrs.M.Revathi AP(Part Time)/CSE) GCE Thanjavur	Unit – 5 Event Driven Programming	Graphics programming in java- Creating frame	https://drive.google.com/file/d/14Ss_GA9QAQkT2X7_DWg3n_5Ty1Fq_Hpr/view?usp=sharing	
				Working with 2D shapes, colors and fonts	https://drive.google.com/file/d/1ZJqzueL8hFU-JPGvKkkcMw8kbXXXfwVd/view?usp=sharing	
				Basics of Event handling-adapter classes	https://drive.google.com/file/d/1G9H1Vt7evsZmX6pIOUqgaViHLvPkJssO/view?usp=sharing	
				Introduction to Swing-swing components and layout management	https://drive.google.com/file/d/1C_nPH53EfzAThpNnIh68DY7f-EbIAZoc/view?usp=sharing	








III Year V Sem CSE








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
5.	CS8591 Computer Networks	Dr.G.Mahalakshmi Assistant Professor GCE Thanjavur gmahalakshmi@gces.edu.in 9629371185	Unit 1 Introduction and Physical Layer	Introduction Of Computer Networks	https://drive.google.com/file/d/1hRG1zvXnhFpYiy2XOL_bh4610JkLRVRN/view?usp=drivesdk	
		A. Noorul Rishwana Begum Assistant Professor GCE Thanjavur rishwana29@gmail.com 8940780470		Categories Of Network	https://drive.google.com/file/d/1_OwhowXxtVp2u7vAIyNOixpb4ioTdeNM/view	
		K.Manojkumar Assistant Professor GCE Thanjavur kmk_manoj@yahoo.com 9994873594		OSI 7 Layer model link	https://drive.google.com/file/d/1alGipMchgP-ozQXxs06_F9jrBdIwRgEo/view	
				TCP/IP protocol suite link	https://drive.google.com/file/d/1bNqQDnaMAJgPu39akfktxZzZmlYkoZt5/view	
				Protocol layering link	https://drive.google.com/file/d/1bKQy4on751nl7d55X2ryvLbl-LfuBxit/view	







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
5.	CS8591 Computer Networks	Mr.G.Tamilkumaran Assistant Professor GCE Thanjavur tamilkumaran.g@gmail.com 9994392172	Unit 1 Introduction and Physical Layer	Transmission media	https://drive.google.com/file/d/1OuywxsxdqYqf_i0hAJhSZcinyPB6sHT/view	
		A. Noorul Rishwana Begum Assistant Professor GCE Thanjavur rishwana29@gmail.com 8940780470	Unit 1 Introduction and Physical Layer	Performance metrics	https://drive.google.com/file/d/1WU60ahwrD0r9S1wr_jPFfHwL5J20kcl4/view	
				Switching Techniques	https://drive.google.com/file/d/1Zwxb6b3lcF71QD0jvfl6Q09v-WwJx-U/view	
		K.Manojkumar Assistant Professor GCE Thanjavur kmk_manoj@yahoo.com 9994873594	Unit-2 Data link layer and media access	Introduction to Data link Layer	https://youtu.be/ChXLkRvjlWU	
				Link Layer Addressing	https://drive.google.com/file/d/1fHR6Sg3YjsByqq_hsEtwRv1aXdfx1Bh0/view	
				DLC Services	https://youtu.be/aMw_j1Riwgg	





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
5.	CS8591 Computer Networks	K.Manojkumar Assistant Professor GCE Thanjavur kmk_manoj@yahoo.com 9994873594	Unit-2 Data link layer and media access	Data Link Layer protocol	https://youtu.be/6wCMWpOIVjk	
				Media Access Control	https://youtu.be/JY3eMrlad10	
				Wireless LAN –IEEE 802.11	https://youtu.be/Mt2QrGK26lI	
		A. Noorul Rishwana Begum Assistant Professor GCE Thanjavur rishwana29@gmail.com 8940780470		Bluetooth	https://drive.google.com/file/d/1vOyGl66saIH28wFozKKms7GeLwxaCZX3/view	
				Wired LAN Ethernet	https://drive.google.com/file/d/1uU-9sRmiXE-0FUVKoeI2QbumD6t1fKFi/view	
				Connecting Devices	https://drive.google.com/file/d/1v49oGGPdsIVxBqLDLgG6Lf1S9FnDdRz/view	






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
5.	CS8591 Computer Networks	Mr.G.Tamilkumaran Assistant Professor GCE Thanjavur tamilkumaran.g@gmail.com 9994392172	Unit 3 Network Layer	Network layer introduction	https://drive.google.com/file/d/15yXg93FWXCBmngfqDFIypPVFqxt9Ek_t/view	
				Packet Switching	https://drive.google.com/file/d/1vLaz5iszGPUE_gXXRoHJO84C97tPiGKn/view	
				Network Performance measures	https://drive.google.com/file/d/1Laklxtv0m0l-iZgaemY5UY2UEh70_kF/view	
				Forwarding IP packets	https://drive.google.com/file/d/1cMPedNsdmB59XcXrtOIEtZj32M_Fv1ZA/view?usp=sharing	
				Ipv4 datagram	https://drive.google.com/file/d/14Z02WEAicxN6fCOXXBgHBc6t9vAn7A9U/view	
				Ipv4	https://drive.google.com/file/d/1cjD1TZ9Kgdli5WP7t73ykvTj939W_JY9/view	






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
5.	CS8591 Computer Networks	Mr.G.Tamilkumaran Assistant Professor GCE Thanjavur tamilkumaran.g@gmail.com 9994392172	Unit 3 Network Layer	Icmp v4	https://drive.google.com/file/d/1bG8tfgDTmARtjKtt2ESeCNSwj4OJQID9/view	
				Ipv6 address	https://drive.google.com/file/d/1V1EWohxfFXs7LTy7vhOx6MrZzZVlcvy5/view	
				Ipv6 frame format	https://drive.google.com/file/d/1YZoIW8r2Mq4B7fXEDtNz3lkBt_nHQzXg/view	
				Multicast Routing	https://drive.google.com/file/d/19Tuc9lPYXbucqQCrUDkbY61xMfURUkpK/view	
				Unicast Routing	https://drive.google.com/file/d/16YAC1SbC37Eswl7_CDnqXjs9p4U7uJUg/view	
		Unit 4 Transport Layer	Transport layer, services	https://drive.google.com/file/d/1tSmLjYXYhNifIKMEWrcxJDh9OAAfMkU/view?usp=sharing		
			UDP	https://drive.google.com/file/d/1qERrSmTIAGR9H_BcsZeNIJrry4kFvNI_/view?usp=sharing		






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
5.	CS8591 Computer Networks	A.Noorul Rishwana Begum, Assistant Professor, rishwana29@gmail.com 8940780470	Unit 4 Transport Layer	TCP	https://drive.google.com/file/d/1rM5ZtK2SFIOLfge5ovdmMkhuWQliwuP4/view?usp=sharing	
				SCTP	https://drive.google.com/file/d/1roIC9jRE_jXerdHz_6Zph5h3S59ZYrDM/view?usp=sharing	
		Dr.G.Mahalakshmi, Assistant Professor, gmahalakshmi@gces.edu.in 9629371185	UNIT-5 Application Layer	WWW & HTTP	https://qrgo.page.link/kBZg7	
				FTP & TELNET	https://qrgo.page.link/RCCVJ	
				EMAIL	https://qrgo.page.link/PLeKR	
				SNMP & DNS	https://qrgo.page.link/QbXz1	
		6.	CS8501 Theory of Computation	P. VANITHA MUTHU Assistant Professor & Head / CSE GCE Srirangam, Trichy hodcse@gces.edu.in 9952877169	Unit 1 Automata Fundamentals	Introduction to formal proof – Additional forms of Proof – Inductive Proofs (38:37)
Finite Automata – Deterministic Finite Automata (13:31)	https://drive.google.com/file/d/13pFOSXS7_zRPiV2hVRooLPqbn7GrE6A5/view?usp=sharing					






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
6.	CS8501 Theory of Computation	P. VANITHA MUTHU Assistant Professor & Head / CSE GCE Srirangam, Trichy hodcse@gces.edu.in 9952877169	Unit 1 Automata Fundamentals	Non-deterministic Finite Automata (21:30)	https://drive.google.com/file/d/1VloelQ1alAa9UWwO9iqvgzreGqg_TgDp/view?usp=sharing	
				Finite Automata with Epsilon Transitions (24:54)	https://drive.google.com/file/d/1FRyIZoQzy_fnouYuzJeamRM9BAuCUorS/view?usp=sharing	
			Unit 2 Regular Expressions and Languages	Regular Expressions (05:39)	https://drive.google.com/file/d/1_TZGcThGQfXK_pczcDafoSaVx4AN6zYo/view?usp=sharing	
				Conversion of DFA to RE (16:26)	https://drive.google.com/file/d/1Zg7D7875eab0c6TuFqJE8yTV4neTdZ7V/view?usp=sharing	
				Converting Regular Expressions to Automata Pumping Lemma (06:26)	https://drive.google.com/file/d/1mE3--9W7QW0As8hsVgUwXkujBlK_NxAr/view?usp=sharing	
				Closure Properties of Regular Languages (08:31)	https://drive.google.com/file/d/12e9VY-6rVn-blfa5i5V4I4QN8vb1EL7m/view?usp=sharing	





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
6.	CS8501 Theory of Computation	P. VANITHA MUTHU Assistant Professor & Head / CSE GCE Srirangam, Trichy hodcse@gces.edu.in 9952877169	Unit 2 Regular Expressions and Languages	Equivalence and Minimization of Automata (05:01)	https://drive.google.com/file/d/1iU3V1n2ZgH685kODG015RdY-xgQ_Z0-6/view?usp=sharing	
			Unit 3 Context Free Grammar and Languages	CFG – Parse Trees – Ambiguity in Grammars and Languages – Definition of the Pushdown Automata – Languages of a Pushdown Automata – Equivalence of Pushdown Automata and CFG, Deterministic Pushdown Automata(36:14)	https://drive.google.com/file/d/13QIGxoiCUkpPF8MaxSqsZJyD8smVZFW0/view?usp=sharing	
			Unit 4 Properties of Context Free Languages	Normal Forms for CFG (24:32)	https://drive.google.com/file/d/1oALCVYKjmDL7X8uqccC4P0yVxAtsIDa2/view?usp=sharing	
				Pumping Lemma for CFL Closure Properties of CFL (14:34)	https://drive.google.com/file/d/1zbDPypY1PM0WrMLGOu_Svh0LWONYQuft/view?usp=sharing	






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
6.	CS8501 Theory of Computation	P. VANITHA MUTHU Assistant Professor & Head / CSE GCE Srirangam, Trichy hodcse@gces.edu.in 9952877169	Unit 4 Properties of Context Free Languages	Turing Machines (11:17)	https://drive.google.com/file/d/1MKp1dsAEhYDJ_U2g73UVulNcg_Z9DEpmP/view?usp=sharing	
				Programming Techniques for TM (07:20)	https://drive.google.com/file/d/1NYyFV1_DQm8nFZtPIWDDaeH_MXsKlqkRe/view?usp=sharing	
			Unit 5 Undecidability	Non Recursive Enumerable (RE) Language, Undecidable Problem with RE, Undecidable Problems about TM (26:51)	https://drive.google.com/file/d/1Hn1KzovC9v0AS257VFOnTbZf7eo0OEAr/view?usp=sharing	
				Post's Correspondence Problem(09:07)	https://drive.google.com/file/d/1AC5lXkq1XlXyXet5P9wdyLfYm_Qf7vjuo/view?usp=sharing	
				The Class P and NP (07:02)	https://drive.google.com/file/d/1jP1gQMb05LKRiw2Fs4D20KvYl1w-52ul/view?usp=sharing	



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
7.	CS8592 Object Oriented Analysis and Design	D.Ramya AP(ad-hoc) GCE Bodinaikkanur RamyaIT35@gmail.com 8056767651	Unit 1 Unified Process and Use Case Diagrams	Introduction to OOAD with OO basics	https://drive.google.com/file/d/184L3P85VOg-NEVUyZWRviOyQOHQ7fhvU/view	
				Unified Process	https://drive.google.com/file/d/18D89rUdoG6Y2zjWyZt22eNxRuAA6K451/view?usp=drivesdk	
				Unified Modeling Language	https://drive.google.com/file/d/18EgkENCzNCD6TpnL1NWXDHrX51UewMek/view?usp=drive_sdk	
				Case study-the NextGen POS System, Inception	https://drive.google.com/file/d/1jvil4gVbKC8pP2QAriIJHqzmJ40i0J2z/view?usp=drivesdk	
				Use case modelling	https://drive.google.com/file/d/1jtUHpOzJOd_DZ_gb9UQVo52tDGf3Q_Xg/view?usp=drivesdk	

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
7.	CS8592 Object Oriented Analysis and Design	P.Hemalatha AP(ad-hoc) GCE Bodinaikkanur hemacse1710@gmail.com 8220425196	Unit 1 Unified Process and Use Case Diagrams	Relating use case, Applications	https://drive.google.com/file/d/1jKldt9kJW8OUOV-oa-RdMHdNXxHlr3jX/view?usp=drivesdk	
				Class Diagram	https://drive.google.com/file/d/11QMjs_juEtgB0UUnrK10Q5gZ51iPspO/view?usp=drivesdk	
		Dr.D.Raghupathikumar Assistant Professor GCE Bodinaikkanur draghuannamalai@yahoo.com 8523980883	Unit 2 Static Uml Diagrams	Elaboration	https://drive.google.com/file/d/11Si0a6V1YdhQSOTD2v5DGHzoQ6eCRznp/view?usp=drivesdk	
				Domain Model – Finding conceptual classes and description classes	https://drive.google.com/file/d/11DOcXruwEK_mYjyMvpr41SZ7vR3ewMZG/view?usp=drivesdk	
				Associations	https://drive.google.com/file/d/11Wi2EO8jFdG34LbigCg4BA7Hzv2B1-UV/view?usp=drivesdk	






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
7.	CS8592 Object Oriented Analysis and Design	Dr.D.Raghupathikumar Assistant Professor GCE Bodinaikkanur draghuannamalai@yahoo.com 8523980883	Unit 2 Static Uml Diagrams	Attributes	https://drive.google.com/file/d/1lgde32X-08f3Acr3msC 0UINlQY FxWsz/view?usp=drivesdk	
				Domain model refinement – Finding conceptual class Hierarchies	https://drive.google.com/file/d/1ltr-sJH-yI8DYvIEerLv1 M q YpV NqtDwi/view?usp=drivesdk	
				Aggregation and Composition	https://drive.google.com/file/d/1gXVBW5w6hUzDJPEytkkxwf Nk-HU2fHI/view?usp=drivesdk	
				Relationship between sequence diagrams and use cases – When to use Class Diagrams	https://drive.google.com/file/d/1bQPxxI8IIbe9PG7TEj_Q3JuR6hyjxti/view?usp=drivesdk	
		Dr.V.Ramya (Deputed from Annamalai University) Assistant Professor GCE Bodinaikkanur auembeddedsystem@gmail.com 9486222567	Unit 3 Dynamic And Implementation Uml Diagrams	UML interaction diagrams System sequence diagram Collaboration diagram	https://youtu.be/sLr3lze74ug	







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
7.	CS8592 Object Oriented Analysis and Design	Dr.V.Ramya (Deputed from Annamalai University) Assistant Professor GCE Bodinaikkanur auembeddedsystem@gmail.com 9486222567	Unit 3 Dynamic And Implementation Uml Diagrams	When to use Communication Diagrams? State machine diagram and Modelling When to use State Diagrams?	https://youtu.be/eU8AVa64rRE	
				i) Activity diagram ii) When to use activity diagrams? iii) UML package diagram iv) When to use package diagrams?	https://youtu.be/6oTu2GW7t3U	
				Implementation Diagram i) Component and Deployment Diagrams ii) When to use Component and Deployment diagrams	https://youtu.be/SAwQk6EoLIk	
		D.Ramya Assistant Professor RamyaIT35@gmail.com 8056767651	Unit 4 Design Patterns	i) Designing objects with responsibilities ii) Creator iii) Information expert	https://drive.google.com/file/d/10daMzhGwiJDskO3b9kvhsUAY3gZE-v8a/view?usp=drivesdk	






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
7.	CS8592 Object Oriented Analysis and Design	D.Ramya Assistant Professor Ram yait35@gmail.com 8056767651	Unit 4 Design Patterns	i) Low coupling ii) High cohesion iii) controller	https://drive.google.com/file/d/10_gTRlsVu6TYf2jIxr_s_yXEu4q1jxZU1/view?usp=drivesdk	
		P.Hemalatha Assistant Professor hema cse1710@gmail.com 8220425196		i) Creational pattern ii) Behavioural pattern iii) Structural pattern	https://drive.google.com/file/d/1IGnDen4t1htokzID0GljS3oqdv8EgkB2/view?usp=sharing	
		Applying GOF Design Patterns - Mapping design to code		https://drive.google.com/file/d/1S47-AC5XyXkIgt5JckM_2Dj437f0SuS/view?usp=sharing		
		D.Ramya Assistant Professor Ram yait35@gmail.com 8056767651	Unit 5 Testing	Object Oriented Methodologies	https://drive.google.com/file/d/10iaqcC7Ej-eh54FiNbZ1X8o6Kgl-MNdQ/view?usp=drivesdk	
		Dr.D.Raghupathikumar Assistant Professor GCE Bodinaikkanur draghuannamalai@yahoo.com 8523980883		Software Quality Assurance	https://drive.google.com/file/d/1-0RrT-rCMsOqsG8IC-JjKbw1C7ebJtLR/view?usp=drivesdk	






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
7.	CS8592 Object Oriented Analysis and Design	Dr.V.Ramya (Deputed from Annamalai University) Assistant Professor GCE Bodinaikkanur auembeddedsystem@gmail.com 9486222567	Unit 5 Testing	Impact of object orientation on Testing	https://youtu.be/B79Jf6QIqo4	
		P.Hemalatha Assistant Professor hemacse1710@gmail.com 8220425196		Develop Test Cases and Test Plans	https://drive.google.com/file/d/1K6L4W2-d0BoffJ_kLG0H42pzv1E6temp/view?usp=sharing	






IV Year VII Sem CSE







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
8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 1 Introduction to Management & Organizational	Definition of Management – Functions of Management (08:56)	https://drive.google.com/file/d/1c0jkMC57Jb5ET7ODIZzV-WeuGEqJ1aBR/view?usp=sharing	
				Three major types of Management – Is Management a Science or Art? (06:43)	https://drive.google.com/file/d/1iwT2QqOj-SuwUOs0_cvLPG7SL-Am2mEx/view?usp=sharing	
				Different activities of Management (07:40)	https://drive.google.com/file/d/1jHpbIB3_VtQ40A9A0TVL4_kXJ23WSb8C/view?usp=sharing	
				Qualities/Skills of a Manager – Roles of a Manager (05:10)	https://drive.google.com/file/d/1esiru5gW_Ixj2UNKv5atqDJ2_pXVdgkE/view?usp=sharing	
				Types of Managers – Levels of Management – Manager Vs Entrepreneur (05:37)	https://drive.google.com/file/d/1STZ5Jtk5SWdJGRz3Qvg_nLcTxZ4Cb_FK/view?usp=sharing	






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
8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 1 Introduction to Management & Organizational	Evolution of Management – Scientific Theory, Advantages of Scientific Management (05:08)	https://drive.google.com/file/d/17pOpNeMVn-hbTQsTEz80QFgPLghGutUZ/view?usp=sharing	
				Human Relations Theory, Tips to develop healthy human relations (05:57)	https://drive.google.com/file/d/1UmMMgHp1muEbhRcWtwG8gRkF7cPe1hRL/view?usp=sharing	
				System Theory, Elements, Advantages, Open and Closed system, McKinsey 7S model (6:34)	https://drive.google.com/file/d/1WsWIyYNmhptYxOx2gzhtfezt0SC8jf/view?usp=sharing	
				Contingency Approach, Advantages and Disadvantages (05:36)	https://drive.google.com/file/d/1AdLYQsrfuUR6l5487lVJeSrgre4ysG3o/view?usp=sharing	
				Business organization – Definition and Types – Sole proprietorship, Partnership, Public and Private sector enterprises (08:57)	https://drive.google.com/file/d/1Ycu2zNh5MWNWZN3bB1kvcoW9qHoRyXy7/view?usp=sharing	
				Limited Partner, Franchise, Advantages and Disadvantages (06:07)	https://drive.google.com/file/d/11AsvrQhQ5muoDimNKjxOcn2sF7OWumps/view?usp=sharing	






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
8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 1 Introduction to Management & Organizational	Organization culture and Environment (09:04)	https://drive.google.com/file/d/1OR8CwC7KLhnQAacoDaofKsk9S6fpGvn3/view?usp=sharing	
				Strong and Weak cultures, Spirituality in the organization, Stakeholders (09:14)	https://drive.google.com/file/d/1XDjX29ClrkYSPYKJRKV62cm1bmmRw9Hd/view?usp=sharing	
				Current trends and Issues in Management (10:27)	https://drive.google.com/file/d/1LD2AbTqc4PvfIXPGWAQWOx6Yh_nJ07x-/view?usp=sharing	
				Downsizing, Innovation and Change, Technological development in the organization, Diversity, Empowerment (10:19)	https://drive.google.com/file/d/1nCJVLNInaZjOJayM4T9Mve1ZhzRUBEP1/view?usp=sharing	
			Unit 2 Planning	Planning – Definitions, Objectives, Purpose of planning in the organization, Characteristics and Advantages of Planning (11:04)	https://drive.google.com/file/d/1uQTGOYhi5zpKD4Kew9RpHuzEmhxTmyoL/view?usp=sharing	







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8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 2 Planning	Steps involved in Planning process, Categories of Planning - Strategic, Tactical, Operational and Contingency, Nature of Planning (13:24)	https://drive.google.com/file/d/1IMlzEmsXiX49fCf9cLGT8J46Ad2sdwWC/view?usp=sharing	
				Objectives of Planning, Setting SMART objectives, Components of Planning, Difference between Planning and Policy. (13:00)	https://drive.google.com/file/d/1Ednfv9rVPkBW04NhRia3ls6aCbNLUj9J/view?usp=sharing	
				Strategies, Policies and Planning premises - Strategic planning process, Formulation of TOWS matrix, Alternative strategies using TOWS matrix, Major kinds of strategies and policies (18:29)	https://drive.google.com/file/d/1FLJunTtXSRKggPpUAnQEdJotR71VarTP/view?usp=sharing	
				Types of plans - Based on time, level, objective and use, Steps in Planning (10:59)	https://drive.google.com/file/d/16ZUkC0WvhvzSORbGZml4wtoja0T96M2/view?usp=sharing	
				Strategic management and Types of strategies (10:09)	https://drive.google.com/file/d/1_1xGjFoQ7WdMQ5bT9SST0w2ep4H6cyDv/view?usp=sharing	







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8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 2 Planning	Planning tools and techniques – Quantitative and Qualitative techniques (10:35)	https://drive.google.com/file/d/1Y46z_WOrENRIR0j0Mw27TZAO6uTwsc3j/view?usp=sharing	
				Techniques for allocating resources - Budgeting, Scheduling, Breakeven analysis, Linear programming (09:28)	https://drive.google.com/file/d/1hluQsH9gFPSaVngeD50pSKcbaZFMHMx6/view?usp=sharing	
				PERT Analysis, Contemporary planning techniques – Project management and Scenario planning with examples. (13:08)	https://drive.google.com/file/d/1stpZh619lyyv_haZOflK757ZN15Z1n9/view?usp=sharing	
				Decision making – Definition, need and its importance, Steps in decision making process. (09:33)	https://drive.google.com/file/d/1FihCTAN1K1sgykj0v8ZExISpK5LYHkNT/view?usp=sharing	
			Unit 3 Organising	Nature and purpose, Organization structure, types (13:10)	https://drive.google.com/file/d/1vSR71ptqCJJxhUCg0S2Htry9c8Imuc2g/view?usp=sharing	







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8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 3 Organising	Formal and Informal organization (11:33)	https://drive.google.com/file/d/1Xi3Rf2q4GK036YC2H-1yyr6qfYsOG-X/view?usp=sharing	
				Line and Staff authority (12:53)	https://drive.google.com/file/d/1LaX6AsMqFUxPBq2MLXjHM1eH03slTYtc/view?usp=sharing	
				Organization chart (07:26)	https://drive.google.com/file/d/1QwDi71xUA2ECmqM8I12-4i5HEdCjwMn-/view?usp=sharing	
				Departmentation, Span of control (13:29)	https://drive.google.com/file/d/18vLUixHYOA0ZmABeCagFkCwqUQ69wohi/view?usp=sharing	
				Centralization and Decentralization, Delegation of authority (12:24)	https://drive.google.com/file/d/1m7FljYC_EYiK4X7YIJPxyws8L9wzUWQP/view?usp=sharing	
				Delegation process, Job design, Staffing (11:39)	https://drive.google.com/file/d/1FOFFAN2cidaXvu7sZfNvlsog4Ghy0wLG/view?usp=sharing	






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8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 3 Organising	Recruitment, Selection, Human Resource Management, HR Planning (10:59)	https://drive.google.com/file/d/1EoapTj_E0WNUVjm3MDXoTBZelvBVW0WJ/view?usp=sharing	
				Training and Development (09:57)	https://drive.google.com/file/d/14fM4PxIDGruZ1UGgKeer5LLkclYFzmnG/view?usp=sharing	
				Career Planning, Career stages, Development process, Performance management (14:42)	https://drive.google.com/file/d/11pIDar8BtVVe02-ohCBYPitZfwhxujet/view?usp=sharing	
			Unit 4 Directing	Foundation of individual and Group behaviour, Motivation (10:10)	https://drive.google.com/file/d/1WaWBjkvzigbu0Qxl_TDzlf-3LqLo4Z50/view?usp=sharing	
				Motivation theories (15:50)	https://drive.google.com/file/d/1drG5nAunAJTC2nxv92yYHlPdZJaMgFJM/view?usp=sharing	






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8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 4 Directing	Motivational techniques, Job satisfaction, Job enrichment (10:43)	https://drive.google.com/file/d/1c1IzulGqeAdtteedk_hVX_HjYV5HNnjc/view?usp=sharing	
				Leadership -definition, types of leadership styles (07:13)	https://drive.google.com/file/d/1F6US-Gk8qWL2jIGYSafzXQrzDAwKldoj/view?usp=sharing	
				Leadership theories (07:05)	https://drive.google.com/file/d/14wpLvxpEbF6laHOpVOFSLpN3ZHGkvaYt/view?usp=sharing	
				Communication, Process of communication (12:39)	https://drive.google.com/file/d/1Eks1Zod6NR6CTUWOdhOeTWHaozt-qXNB/view?usp=sharing	
				Effective communication, Barrier in communication, Communication and IT (16:32)	https://drive.google.com/file/d/1GpuOPJmUtHrneMgoXfURrGkFuaeMi9CY/view?usp=sharing	








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8.	MG8591 Principles of Management	Dr.S.Nagarajan (AP/CSE) GCE Srirangam, Trichy	Unit 5 Controlling	System and process of controlling, Budgetary control (17:00)	https://drive.google.com/file/d/1h3e6oEOCEDLmwyK7ed6pJzetyS4VsIF6/view?usp=sharing	
				Budgetary control techniques, Classification of Budgets (08:26)	https://drive.google.com/file/d/1qBGse1gAYJuvfGNgP8ePu9FJeGCJ_BMI/view?usp=sharing	
				Non budgetary control techniques, Use of computers and IT in Management (09:23)	https://drive.google.com/file/d/1kk49DiCgmaitNArIjUYjbCBR933pMeKo/view?usp=sharing	
				Productivity problems and Management, Control and Performance (15:01)	https://drive.google.com/file/d/1edW4ckhKdHphjGR46cEe-uJ2rTcb7A/view?usp=sharing	
				Direct and Preventive control, Reporting (15:34)	https://drive.google.com/file/d/1oS7XDj2bsJMRg5bWaR6o6q3hSqEMjWNU/view?usp=sharing	
9.	CS8792 Cryptography and Network Security	R.Narmatha AP/CSE GCE Dharmapuri narmatharajme@gmail.com 9566905345	Unit 1 Introduction	Security Trends (10:28)	https://drive.google.com/file/d/14VGj6Cg4eVyZ937A8kmZDokOpka5gVRO/view?usp=sharing	







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9.	CS8792 Cryptography and Network Security	R.Narmatha AP/CSE GCE Dharmapuri narmatharajme@gmail.com 9566905345	Unit 1 Introduction	OSI security architecture Part-1 (09:23)	https://drive.google.com/file/d/1sQg1U5EuTlpI9C-A5wFrwySs2f1u0/view?usp=sharing	
				OSI security architecture Part-2 (08:27)	https://drive.google.com/file/d/1hMANKCPTDHa4HCqNC587ZezsVvIxcMTI/view?usp=sharing	
				Model of network security (08:17)	https://drive.google.com/file/d/1Q2gcn7-boYMW3cEmFwNx7nt5dEK9keSE/view?usp=sharing	
				Substitution techniques – Part 1 (09:38)	https://drive.google.com/file/d/14VGj6Cg4eVyZ937A8kmZDokOpka5gVR0/view?usp=sharing	
				Substitution techniques Part 2 (12:48)	https://drive.google.com/file/d/1vlJ2XT1L73ZgyTZKALKkEcy0x5fTyrSr/view?usp=sharing	
				Hill Cipher (11:53)	https://drive.google.com/file/d/1RQcT_nh-vHwAyoMXOhpUYIMEG3d6OTmK/view?usp=sharing	
		K.Prakash AP/CSE GCE Dharmapuri prakashgreen@gmail.com 9994116147				






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9.	CS8792 Cryptography and Network Security	K.Prakash AP/CSE GCE Dharmapuri prakashgreen@gmail.com 9994116147	Unit 1 Introduction	Transposition and Steganography (06:03)	https://drive.google.com/file/d/1YjMcPzCW_zS7h5jAv3JIBBC0rY0x9zWN/view?usp=sharing	
				Foundation of Modern Cryptography (11:29)	https://drive.google.com/file/d/1GaHwJnkul8wxSSNobJzM-kYQWhVUE4D1/view?usp=sharing	
			Unit 2 Symmetric Key Cryptography	Mathematics of Symmetric Key Cryptography	https://drive.google.com/file/d/1suK1uOA6_JC6gBZ5gLwPHT6Ylp5lgLE/view?usp=sharing	
				DES-Block Cipher design principles	https://drive.google.com/file/d/1MtD_e3ZudjdOWzNUqLpN69rxvJIm-Pqk/view?usp=sharing	
				AES-Encryption and Decryption	https://drive.google.com/file/d/1nn6p7CnF6nvJsAbjQuedRyZ1q4_czVq2/view?usp=sharing	
				RC4 – Key distribution	https://drive.google.com/file/d/19xYPcRmh01MUzlxEOadcA8gzSizyW-D_/view?usp=sharing	







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9.	CS8792 Cryptography and Network Security	K.Prakash AP/CSE GCE Dharmapuri prakashgreen@gmail.com 9994116147	Unit 3 Public Key Cryptography	Mathematics Of Asymmetric Key Cryptography	https://drive.google.com/file/d/1aXbkQirLUrWO71Epm_Bjt6rhsDEbqBtU/view?usp=sharing	
				Asymmetric Key Ciphers: RSA	https://drive.google.com/file/d/19fzODR26QQq4MUXUjosIYV4L0ypmiU-b/view?usp=sharing	
				Diffie Hellman key exchange - ElGamal cryptosystem – Elliptic curve arithmetic- Elliptic curve cryptography	https://drive.google.com/file/d/1CV9XUcN9fd-bFA7W1e7S77ZjgoFYN8W/view?usp=sharing	
			Unit 4 Message Authentication And Integrity	Digital signature	https://drive.google.com/file/d/1QWgOaai5-iB4D4q6X6HaTHCBX7bCj2E/view?usp=sharing	
				Kerberos	https://drive.google.com/file/d/1q4Ydl983sp9tXGEZx70YabUq9Zn4fP-L/view?usp=sharing	







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9.	CS8792 Cryptography and Network Security	K.Prakash AP/CSE GCE Dharmapuri prakashgreen@gmail.com 9994116147	Unit 4 Message Authentication And Integrity	Messages authentication	https://drive.google.com/file/d/1-r8SY451J9kbLaDReR-UQRZvks aBW7E Z/view?usp=sharing	
			Unit 5 Security Practice And System Security	Email Security	https://drive.google.com/file/d/1PYM7DRXlolkhGCbYCA1Ciw24d8CYGM3/view?usp=sharing	
				Firewalls	https://drive.google.com/file/d/1FKvhYCdtFtFZ01b68RTj0CJrRmT4P3uk/view?usp=sharing	
				Intruders	https://drive.google.com/file/d/1PHLUllzGRmS2uXxyL-a27hq_4CkY7 zZT/vie w?usp=sharing	
				IP Security	https://drive.google.com/file/d/1nlXbPFsuDOQwwslmAhD8tvPZPmo0MpUV/view?usp=sharing	








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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor GCE Tirunelveli mahil@gcetly.ac.in 9486795160	Unit 1 Introduction	Introduction to Cloud Computing	https://drive.google.com/file/d/1xPXcRJG_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-DqwWY2hv9k_3X7_EuLdRE2ujTd/view?usp=sharing	
		N.JEENATH LAILA Assistant Professor GCE Tirunelveli jeenathlaila@gcetly.ac.in 9489367587		Cloud Characteristics	https://drive.google.com/file/d/1-G-F7gCUMai7iNKLtwo_GXYBbz7y21BJm/view?usp=sharing	
				Elasticity in Cloud	https://drive.google.com/file/d/1-8PaIzK_W_SO7ZINRMveLpdEiFmCsl8D/view?usp=sharing	
				OnDemand Provisioning	https://drive.google.com/file/d/1-8ITNbcZyu6Q8cELNPVXA8HIMghdA_Ir/view?usp=sharing	








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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 2 Cloud Enabling Technologies	Service Oriented Architecture	https://drive.google.com/file/d/1mOFb87Nw2MBxcWCPnyZRu7gahiJ6CBIf/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	
				Publish Service Model	https://drive.google.com/file/d/1dAD_kH_V4VCi7VNOwVZDmfXwdGdISREW/view?usp=sharing	
				Basics of Virtualization	https://drive.google.com/file/d/1RGZGrDVLtLD0K7r-Liue Qrg K GXWZBdJv/v iew?usp=sh aring	
				Types of Virtualization	https://drive.google.com/file/d/154S-KuqhoGE1iptloF9b9ew522QDZrzZ/view?usp=sharing	

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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 2 Cloud Enabling Technologies	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/1egznsW0VXwX0FJIM7eOBFCEEFzZM-pSu/view?usp=sharing	
				Virtualization of CPU, Memory and I/O	https://drive.google.com/file/d/1fI7DzIY2-kVgJWmBxT9om9yG0HLMIAfL/view?usp=sharing	
				Virtualization Support and Disaster recovery	https://drive.google.com/file/d/1IGaASZCEjYPRcn2BPd9Von0cWQ80Rkb1/view?usp=sharing	
			Unit 3 Cloud Architecture, Services And Storage	Layered Cloud Architecture Design	https://drive.google.com/file/d/14T7ROS79SzFTJQp7WxCibvAxP8V-JddY/view?usp=sharing	






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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 3 Cloud Architecture, Services And Storage	NIST Cloud Computing Reference Architecture	https://drive.google.com/file/d/1nHXROUAA-YTKFP5h_F_gSdJDA6V1alzZ/view?usp=sharing	
				Public,Private and Hybrid Clouds	https://drive.google.com/file/d/1z2aF1N_6bTS7C7WmqB1RMJIBMNo_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_n9DRjll/view?usp=sharing	
				Cloud Storage,Storage-as-a-service,Advantages of cloud	https://drive.google.com/file/d/172giLtRcdL7s7DctjQxyJk7W4ancaDr/view?usp=sharing	
				Cloud Storage Providers – S3	https://drive.google.com/file/d/18rqPiOVR-SvPdHOJeAmG_NyFW2SrxK5Mb/view?usp=sharing	






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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 3 Cloud Architecture, Services And Storage	Diagnostics	https://drive.google.com/file/d/1ZGhvrUxIoYHsrjfeOOtlyQw4fdU2INHN/view?usp=sharing	
			Unit 4 Resource Management And Security In 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/1jq6zerIEB_U4imMfjUoqI_nrm-t0w3L/view?usp=sharing	
				Global Exchange of Cloud Resources	https://drive.google.com/file/d/1hI1ZYEmKz7b220jqbfazl-GmcXV3N7C/view?usp=sharing	
				Security Overview	https://drive.google.com/file/d/1XfLixgGWtuds3s6ANYtvqjGKnl2n15Qf/view?usp=sharing	
				Cloud Security Challenges	https://drive.google.com/file/d/1IUjs0JHgzSgGVdVYqR9p_znOxw aifAn/view?usp=sharing	







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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 4 Resource Management And Security In Cloud	Software-as-a-Service Security	https://drive.google.com/file/d/12l8Czk0qdL8PSqhVgKz2iTsz1VbNaG9j/view?usp=sharing	
				Security Governance	https://drive.google.com/file/d/14J4CP3Jh7cuteEWS0Ee47uM4TC3BBC0m/view?usp=sharing	
				Virtual Machine Security	https://drive.google.com/file/d/1qghmOWxQZilDz0a2ZJd5UaWIT-y6sUee/view?usp=sharing	
				IAM	https://drive.google.com/file/d/1fQWDYP2bePWK0dfYExNbSukNf4U1MuY/view?usp=sharing	
				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_SXtIWvqMCvr5EpeRmazHWLIMuCAcl/view?usp=sharing	








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10.	CS8791 Cloud Computing	M.MAHIL Assistant Professor/CSE GCE Tirunelveli mahil@gcetly.ac.in Phone:9486795160	Unit 5 Cloud Technologies And Advancements	VirtualBox	https://drive.google.com/file/d/1feIyDkZSUpJp3wd1gUM3tgkR3F2Eleqw/view?usp=sharing	
				Google App Engine	https://drive.google.com/file/d/1r4HvxcJY_J1eW35jYxtXpzLucwNWXGPF/view?usp=sharing	
				Programing Environment for Google App Engine	https://drive.google.com/file/d/11S85cFjqWbozTkC-gB84j_0A_S_98nMH_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/19fRXRYKSEnJeZ99nbfy0l7FrcYdIkZEK/view?usp=sharing	






IV Year VII Sem CSE - Professional Elective II






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
11.	CS8082 Machine Learning Techniques	N.Jagadeeswari, Assistant Professor TPGIT Vellore jagadeeswarirajesh1710@gmail.com 9514672196, 9840454629	Unit 1 Introduction	Unit 1 – Introduction, Well posed learning problems, Designing a learning problem	https://www.youtube.com/watch?v=eBLU3NAatuU&feature=youtu.be	
				Unit 1- Concept Learning – task, notation, version spaces	https://youtu.be/V2s9DwlEeLE	
				Unit 1 – Candidate elimination algorithm, remarks, inductive bias	https://youtu.be/ojmXsXZ_1Lc	
				Unit 1 – Decision tree learning, representation, Appropriate problems	https://youtu.be/7OQRGznUc38	
				Unit 1 – Hypothesis space, inductive bias	https://youtu.be/0gTeqJrVnR0	







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
11.	CS8082 Machine Learning Techniques	N.Jagadeeswari, Assistant Professor TPGIT Vellore jagadeeswarirajesh1710@gmail.com 9514672196, 9840454629	Unit 1 Introduction	Unit 1-Issues in decision tree learning	https://youtu.be/ycMo1PMTos0	
			Unit 2 Neural Networks and Genetic Algorithms	Artificial Neural Networks – Introduction, Biological motivation, Neural Network Representation, Appropriate Problems	https://www.youtube.com/watch?v=EnyT-aTH1SE&feature=youtu.be&hd=1	
				Artificial Neural Networks – Perceptrons, Representational Power of Perceptron, Perceptron Training rule, Gradient Descent and the Delta rule	https://www.youtube.com/watch?v=yN3KO5IU0Lc&feature=youtu.be&hd=1	
				Artificial Neural Networks – Illustrative examples : Face recognition, Advanced topics in ANN	https://www.youtube.com/watch?v=P9c0prDCOww&feature=youtu.be&hd=1	
				Artificial Neural Networks – Multilayered networks and Backpropagation algorithm, Remarks of Backpropagation algorithm	https://www.youtube.com/watch?v=dVj7G7DvX9A&feature=youtu.be&hd=1	






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
11.	CS8082 Machine Learning Techniques	Mr.K.Thirunavukkarasu, AP[Adhoc]/CSE, TPGIT, Vellore	Unit 3 Bayesian And Computational Learning	Unit 3: Bayes Theorem	https://youtu.be/pA52QDKqH60	
				Unit 3: Concept Learning	https://youtu.be/An_aueOE6Co	
				Unit 3: Hypothesis Space of Concept Learning	https://youtu.be/iQhRjdXv4vQ	
				Unit 3: Maximum Likelihood and Bayes Optimal Classifier	https://youtu.be/xhKp5PVS08k	
				Unit 3: Minimum Description Length Principle and Gibbs Algorithm	https://youtu.be/mEpGNQfCCXw	
				Unit 3: Naïve Bayes Classifier	https://youtu.be/C4xg9k3SQCY	




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
11.	CS8082 Machine Learning Techniques	Mr.K.Thirunavukkarasu, AP[Adhoc]/CSE, TPGIT, Vellore	Unit 3 Bayesian And Computational Learning	Unit 3: Bayesian Belief Network	https://youtu.be/iYGAeu6axsY	
				Unit 3: EM Algorithm	https://youtu.be/z_botqPcTXA	
				Unit 3: Probability Learning	https://youtu.be/fZ9W76AdmK4	
				Unit 3: Finite and Infinite Hypothesis Space, Mistake Bound Model	https://youtu.be/PT6RTimBg9w	
		Jagadeeswari, Assistant Professor/CSE, TPGIT, Vellore. jagadeeswarirajesh1710@gmail.com Mobile: 9514672196, 9840454629	Unit 4 Instant Based Learning	Unit 4 – Instance based learning	https://youtu.be/WFHhDbzWmCY	
				Unit 4 –Locally weighted regression	https://youtu.be/GFDOVt6Mh7A	
				Unit 4 –Radial basis functions	https://youtu.be/wyIwBV8uKGU	

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
11.	CS8082 Machine Learning Techniques	.Mr.V.Raghupathy, AP[Adhoc]/CSE, TPGIT, Vellore	Unit 4 Instant Based Learning	Unit 4 –Case based reasoning	https://youtu.be/l6k_eXseBYQ	
			Jagadeeswari, Assistant Professor/CSE, TPGIT, Vellore. jagadeeswarirajesh1710@gmail.com Mobile: 9514672196, 9840454629	Unit 5 Advanced Learning	Unit 5 : Analytical Learning	https://youtu.be/j86Idol2y-4
		Unit 5 : Reinforcement Learning			https://youtu.be/wfxsO-IVPf8	
		Unit 5 :Q-Learning			https://youtu.be/nv7u4GAgdXI	
		Unit 5 : Explanation Based Learning			https://youtu.be/ijPLvSRxHbs	
		Unit 5 : FOCL Algorithm	https://youtu.be/H9Aj4OE2ch0			






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
12.	IT8075 Software Project Management	Dr.R.Manikandan Associate Professor GCE Thanjavur Rmkmanikandan1111@gmail.com 9994125244	Unit 1 Project Evaluation and Project Planning	Importance of software project management Activities Methodologies	https://drive.google.com/file/d/1QPAUpJyyYiEGdQE5BfUmxpdG4g4e4hS9/view?usp=sharing	
		Ms.K.Vinothini Assistant Professor GCE Thanjavur ka.vinodhini@gmail.com 8056604363		Categorization of software project Setting objectives Management principals	https://drive.google.com/file/d/1tvbMaG935dGhAvzL1h173dbhX8NKGurM/view	
		Ms.V.Vijayabharathi Assistant Professor GCE Thanjavur vvb66rvs@gmail.com 9788627804		Management control project portfolio Management Cost benefit evaluation technology	https://drive.google.com/file/d/1RyuyPhTeO9Xq988zbG9UL0Bl73R5sMyt/view	
		Dr.N.Suguna Associate Professor GCE Thanjavur rajusuguna81@gmail.com 9500400345		Risk evaluation Strategic program management Stepwise project planning	https://drive.google.com/file/d/1sSdUb5PUagHIjWfdCTZ1u0VeWjFgAOR/view?usp=drivesdk	
		Ms.K.Vinothini, Assistant Professor, ka.vinodhini@gmail.com 8056604363	UNIT-2 Project life cycle and effort estimation	Software process and process model Choice of process model	https://drive.google.com/file/d/14W0BGnKFm0Ara6lAxPqZ8V4HDYz-xSjZ/view?usp=drivesdk	







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
12.	IT8075 Software Project Management	Ms.K.Vinothini, Assistant Professor, ka.vinodhini@gmail.com 8056604363	UNIT-2 Project life cycle and effort estimation	Agile methods	https://drive.google.com/file/d/14sUdljiEY36lPCjhzZYy6gL5mqUsJaea/view?usp=drivesdk	
				DSDM, COSMIC, COCOMO II	https://drive.google.com/file/d/15Jyehysu-v6LMzq9sdpjIMf6QvZ4b0ej/view?usp=drivesdk	
				Software estimation and cost estimation	https://drive.google.com/file/d/14wPIOPSAkzkvZ2jwiAbr_MeAWSgozy44/view?usp=drivesdk	
		Ms.V.Vijayabharathi Assistant Professor, vvb66rvs@gmail.com 9788627804	UNIT-3 Activity Planning and Risk	Objectives of Activity Planning, Project Schedules, Sequencing and Scheduling	https://drive.google.com/file/d/1WK5QcrM7dM_I6w87B_UxCHBeZm9Uo72t/view?usp=drivesdk	
				Network Planning Models, Forward pass and Backward pass techniques, Critical Path Method	https://drive.google.com/file/d/1WXIQRO5mdfX-f2sZP1P4_f18Rdx_BA3/view?usp=drivesdk	
				Risk- Identification, Assessment, Planning, Management, PERT, Monte carlo simulation, Cost Schedules	https://drive.google.com/file/d/1WJjqmcCty1M42pG_sR4WBsQd4KrNStwx/view?usp=drivesdk	
		Ms.V.Vijayabharathi Assistant Professor, vvb66rvs@gmail.com 9788627804				







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
12.	IT8075 Software Project Management	Dr.R.Manikandan Associate Professor GCE Thanjavur Rmkmanikandan1111@gmail.com 9994125244	UNIT-4 Project management and control	Framework for management control	https://drive.google.com/file/d/15CW3fDFr5hBERTuyWCf26BdCedsJRtiV/view?usp=sharing	
				Project tracking change control	https://drive.google.com/file/d/15CW3fDFr5hBERTuyWCf26BdCedsJRtiV/view?usp=sharing	
				Software configuration management	https://drive.google.com/file/d/15CW3fDFr5hBERTuyWCf26BdCedsJRtiV/view?usp=sharing	
				Managing contracts Contract management	https://drive.google.com/file/d/15CW3fDFr5hBERTuyWCf26BdCedsJRtiV/view?usp=sharing	
		Dr.N.Suguna Associate Professor rajusuguna81@gmail.com 9500400345	UNIT-5 Staffing in software projects	Managing people Organizational behaviour Best methods of staffing selection the Oldham	https://drive.google.com/file/d/1fAqoWy_kgQGgGRHqOdjOO5ob8lRCrg79/view?usp=drivesdk	







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
12.	IT8075 Software Project Management	Dr.N.Suguna Associate Professor rajusuguna81@gmail.com 9500400345	UNIT-5 Staffing in software projects	Health and safety ethical and professional concerns	https://drive.google.com/file/d/1fAqoWy_kgQGgGRHqOdjOO5ob8IRCrg79/view?usp=drivesdk	
				Decision making organizational structures ,Dispersed and virtual teams	https://drive.google.com/file/d/1fAqoWy_kgQGgGRHqOdjOO5ob8IRCrg79/view?usp=drivesdk	
				Communications genres Communication plans Leadership	https://drive.google.com/file/d/1fAqoWy_kgQGgGRHqOdjOO5ob8IRCrg79/view?usp=drivesdk	







IV Year VII Sem CSE - Professional Elective III






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
13.	CS8083 Multi-core Architectures and Programming	S. Annie Joice (AP/CSE) GCE Srirangam, Trichy annijoice@gces.edu.in	Unit 1 Multicore Processors	Single core to Multi-core architectures (06:42)	https://drive.google.com/file/d/17q0VM3dCtOAJWnwvSqEvTLlByDSJJ-kU/view?usp=sharing	
				SIMD systems (08:50)	https://drive.google.com/file/d/1KjF8SU85KbwJ_Tv-Ajfbjt1KR-8ajVhH/view?usp=sharing	
				SIMD systems (11:12)	https://drive.google.com/file/d/1m2Iy602-qq6zp2k3-6s9u3LEB4uuSb96/view?usp=sharing	
				MIMD systems, Symmetric and Distributed Shared Memory Architectures (07:17)	https://drive.google.com/file/d/19MG-q3lOaCVar40dq6f_Qc9Y_CCvipV/view?usp=sharing	
				Interconnection networks (15:23)	https://drive.google.com/file/d/1yuFTCiv448N-26WSEumkYrkl6kvXiZGS/view?usp=sharing	







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
13.	CS8083 Multi-core Architecture & Programming	S. Annie Joice (AP/CSE) GCE Srirangam, Trichy annijoice@gces.edu.in	Unit 1 Multicore Processors	Cache coherence (11:41)	https://drive.google.com/file/d/1DrvIRzMI9GICSu5x6EYvem8Deu7SVEQF/view?usp=sharing	
				Performance Issues, Parallel program design (15:22)	https://drive.google.com/file/d/1HoDTSf6MmF8eUqgakVWUv0DNyA1gUSER/view?usp=sharing	
				Performance & Scalability (16:06)	https://drive.google.com/file/d/1TnbKJR3nFaY_WA0iI9GRDQvHEAqYjJA7/view?usp=sharing	
			Unit 2 Parallel Program Challenges	Synchronization and data sharing- Data races (10:50)	https://drive.google.com/file/d/1BnHMSz5E4O7kvfRIJSD2rQ0Qkh9L-R4D/view?usp=sharing	
				Synchronization primitives (mutexes, locks, semaphores, barriers) (13:27)	https://drive.google.com/file/d/1YtZGIXuxorQaBhcmucPMZu4gNK0jDFLA/view?usp=sharing	
				Deadlocks and livelocks (4:15)	https://drive.google.com/file/d/1nbyqPiMPPR48qmo7Wc0RXUcx6QLMLKbt/view?usp=sharing	







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
13.	CS8083 Multi-core Architecture & Programming	S. Annie Joice (AP/CSE) GCE Srirangam, Trichy annijoice@gces.edu.in	Unit 2 Parallel Program Challenges	communication between threads (condition variables, signals, message queues and pipes) (16:10)	https://drive.google.com/file/d/1d80CwDI8PU5cj_h0GUoLnzw8gPufDxv5/view?usp=sharing	
			Unit 3 Shared Memory Programming with OpenMP	OpenMP Execution Model (10:01)	https://drive.google.com/file/d/1SBPOLCYLTd3fvac8_znL5myzeVqy-Vg/view?usp=sharing	
				OpenMP Execution Model (4:13)	https://drive.google.com/file/d/1pNn_bGevpcnF7r5vwuICyaVGAF-F4Ocb/view?usp=sharing	
				Memory Model (10:08)	https://drive.google.com/file/d/1tYtw9wmM8W4FkFiX4LiO2YfGmt0tkR1/view?usp=sharing	
				OpenMP Directives (14:23)	https://drive.google.com/file/d/1447HVDt_ondJ0wzIsaNjbkyl6ElicZX/view?usp=sharing	
				Work-sharing Constructs (8:52)	https://drive.google.com/file/d/1RQO2RRbORYJrMJP_tj3x0wcbUt_xNykl0/view?usp=sharing	







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
13.	CS8083 Multi-core Architecture & Programming	S. Annie Joice (AP/CSE) GCE Srirangam, Trichy annijoice@gces.edu.in	Unit 3 Shared Memory Programming with OpenMP	Library functions (6:30)	https://drive.google.com/file/d/1EXeL84KPb_9DUZyjCJvRccBL9FbcsHK/view?usp=sharing	
				Data and Functional Parallelism (11:50)	https://drive.google.com/file/d/1kue5CbNxRLBJuYCSD9LbKSFWJBIFu-h2/view?usp=sharing	
				Handling Loops (8:55)	https://drive.google.com/file/d/16IR6I9lIub5f4gBT-K5Y7QEej-gBvAer/view?usp=sharing	
				Performance Considerations (5:21)	https://drive.google.com/file/d/1uSC5b5LyxO-hOPTA1C4LVvqfEMDiU-_N/view?usp=sharing	
			Unit 4 Distributed Memory Programming with MPI	MPI program execution – MPI constructs – libraries – MPI send and receive	https://drive.google.com/file/d/1gAsjPOG-xJFsDs1bdBgsUtffuUHMx2VL/view?usp=sharing	
				Point-to-point and Collective communication	https://drive.google.com/file/d/1XcgNrbMMgLaUtBDNI1ApC36vJg68nc7m/view?usp=sharing	






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
13.	CS8083 Multi-core Architecture & Programming	S. Annie Joice (AP/CSE) GCE Srirangam, Trichy annijoice@gces.edu.in	Unit 4 Distributed Memory Programming with MPI	MPI derived datatypes	https://drive.google.com/file/d/15-IjBDMD3AgkWPjxsp-DygVP1mYr4llu/view?usp=sharing	
				Performance Evaluation	https://drive.google.com/file/d/1rMeyKn7zYn0Psr68oddLHj3BbUCPhtzk/view?usp=sharing	
			Unit 5 Parallel Program Development	Case study - n-Body solvers	https://drive.google.com/file/d/1-Q1T9QRtUObAWTlzDqf_XgSnEmbZ67E/view?usp=sharing	
				n-Body solvers-OpenMP Implementation	https://drive.google.com/file/d/1V9sl3UcHy2WSKMNvdAK_OtExX_OLxpT0UE/view?usp=sharing	
				n-Body solvers-MPI Implementation	https://drive.google.com/file/d/18L35tZzACfgEJEUv0jCdbqSe_Yo642xy/view?usp=sharing	
				Case study–Tree Search	https://drive.google.com/file/d/19OscP3cxYe8S3jXmgkbyTqp4Gw6-gj_k/view?usp=sharing	








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
14.	CS8079 Human Computer Interaction	Kirupa Shankar K M Assistant Professor GCE, Dharmapuri kirupaa1991@gmail.com 9445978899	Unit 1 Foundations of HCI	The Human: I/O Channels – Memory- Reasoning and Problem Solving (17:06)	https://drive.google.com/file/d/1yS4EOBTf8LLTHUcUENbYpbQdogZgCRTu/view?usp=sharing	
				The Computer: Devices – Memory- Processing and Networks (26:29)	https://drive.google.com/file/d/1Mmf4R7eIEU7j4Afs6bsAqFd1AIEP_KKb/view?usp=sharing	
				Interaction: Models- frameworks- Ergonomics-Styles- elements-interactivity (14:41)	https://drive.google.com/file/d/18L_f8_BH2ZoDqvkpL8IAhdhiAwmm58ZR/view?usp=sharing	
				Paradigms- Case Studies (08:21)	https://drive.google.com/file/d/1EyV4DIfTHhWKdIzL5fPC1LckdICkiabB/view?usp=sharing	
		Alok Kumar Assistant Professor GCE Dharmapuri alokabes@gmail.com	UNIT 2: Design & Software Process	Interactive Design	https://drive.google.com/file/d/19nPA5xIHxn_BPiE59CEkSnpcq55-7Lyy/view?usp=sharing	






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
14.	CS8079 Human Computer Interaction	Alok Kumar Assistant Professor GCE Dharmapuri alokabes@gmail.com	UNIT 2: Design & Software Process	Screen Design and Layout	https://drive.google.com/file/d/1xlRhBip72n_JwSjf6JA4z9K9YTZ1Gt6m/view?usp=sharing	
				HCI in Software Design Process	https://drive.google.com/file/d/12cTcQ2scv5TkqsRAMt6AEaZBMSShnhzl/view?usp=sharing	
				Iterative Design and Prototyping	https://drive.google.com/file/d/1cPftmf39ro40wZf-TTcOzy6f6sheRzq/view?usp=sharing	
				Design Rules	https://drive.google.com/file/d/1R66GW8k_ks4gC-QOOhdPMd5FRrCzSb3u/view?usp=sharing	
				Shneiderman's 8 golden rules	https://drive.google.com/file/d/1iFt3y7z5dn6pOQQzofQd87wTxnRLTeQw/view?usp=sharing	
				Norman's 7 principles	https://drive.google.com/file/d/17krKWY_3O_YXGbfLoNOB3bur02F1xGbe/view?usp=sharing	







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
14.	CS8079 Human Computer Interaction	Alok Kumar Assistant Professor GCE Dharmapuri alokabes@gmail.com	UNIT 2: Design & Software Process	Evaluation through expert analysis	https://drive.google.com/file/d/1S WzueySxWJDny4mLRetE2yYt07i_zRfi/view?usp=sharing	
				Evaluation through user participation	https://drive.google.com/file/d/1VgC6JJYOfpos90Mb-oe7M_ZodQkCMxa9/view?usp=sharing	
		Kirupa Shankar K M Assistant Professor GCE, Dharmapuri kirupaa1991@gmail.com 9445978899	Unit 3 Models And Theories	HCI Models: Cognitive Models	https://drive.google.com/file/d/1Z90Pi4W2jg-10Vcs3Y8NAihMO6X34sCg/view?usp=sharing	
				Socio-Organizational issues and Stake holder requirements	https://drive.google.com/file/d/1HpnMBwI-CqN7H_NN196dyB_SXwkpIzkmO/view?usp=sharing	
				Communication and collaboration models	https://drive.google.com/file/d/1Q6IHvGRPeHgmTR0MyYXhJcZznaan2A_/view?usp=sharing	
				Hypertext, Multimedia and www	https://drive.google.com/file/d/1NYWmcB1HQ5HGwxCCMRlrI9n3sKhLCuZD/view?usp=sharing	







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14.	CS8079 Human Computer Interaction	Alok Kumar Assistant Professor GCE Dharmapuri alokabes@gmail.com	UNIT 4 Mobile HCI	Mobile Ecosystem	https://drive.google.com/file/d/1a7HjaGjTsTbpgT81h_wuFhZaYea39cqo/view?usp=sharing	
				Application Frameworks	https://drive.google.com/file/d/1reWLDSzfHrxs9ndO5aL-VxE2_MEkDO3IL/view?usp=sharing	
				Types of Mobile Applications	https://drive.google.com/file/d/1CKIP863toqN1ZYhlQfneUP2oj-aCC_HW/view?usp=sharing	
				Mobile Information Architecture	https://drive.google.com/file/d/1ISvP58yZPGE-6nwKKPhDUYz_3R4xmTsP/view?usp=sharing	
				Mobile 2.0	https://drive.google.com/file/d/1SM5j0JE2DbXExyvmjP4xnDUKdFAwAna_/view?usp=sharing	
				Elements of Mobile Design	https://drive.google.com/file/d/1j9kG1kb9uO-cAOpGOgGh8iF_KR6kUEFC/view?usp=sharing	







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14.	CS8079 Human Computer Interaction	Kirupa Shankar K M Assistant Professor GCE, Dharmapuri kirupaa1991@gmail.com 9445978899	Unit 5 Web Interface Design	Designing Web Interfaces- Drag and Drop	https://drive.google.com/file/d/1HNRj4X-tip8QG_yEqXE7UQLdH5Cs8jg/view?usp=sharing	
				Direct Selection	https://drive.google.com/file/d/1kgudCTm-b5vQ6oOsVaGWLKSwoil0FZXM/view?usp=sharing	
				Contextual Tools	https://drive.google.com/file/d/1LnIo8VdpNxUmfJRfLUNvrTUBjv-ohSln/view?usp=sharing	
				Overlays, Inlays	https://drive.google.com/file/d/1jizeYjytcUVY4E5K_9FveGhr0nOY1zYB/view?usp=sharing	
				Virtual Pages and Process Flow	https://drive.google.com/file/d/1XEK-TyZfimiwZ-pB7DO1aipR6QK2pL_oO/view?usp=sharing	







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
15.	CS8073 C# and .Net Programming	G.SONA Assistant Professor GCE Tirunelveli sona@gcetly.ac.in 9894876553	Unit 1 C# Language Basics	.Net Architecture	https://drive.google.com/file/d/1Xt39xERy5MhiTTSLDy_3mxMtJdsQgn/view?usp=sharing https://drive.google.com/file/d/1VijDLjkiQe0u2knU5SYLzmG_zu99IVTC/view?usp=sharing	 
				Core C#	https://drive.google.com/file/d/1uNFumlGdO_51RgBiSS6ig1e-jTXqRiEx/view?usp=sharing	
				Variables	https://drive.google.com/file/d/1jr90Q-mEd4hhp2zhdOAc_Vfy_2emF_Nct/view?usp=sharing	
				Data types	https://drive.google.com/file/d/1x7WO_Zvd1vhHFdbX-uWL_B85TdCCEdrRu/view?usp=sharing	
				Flow control	https://drive.google.com/file/d/1dHHdrEezTUC0Zv8CNUgfnvVL9gtSI6eo/view?usp=sharing https://drive.google.com/file/d/1P9HnVjwTnmiENr8K2-Q8QcQx76SKZMx7/view?usp=sharing	 







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
15.	CS8073 C# and .Net Programming	E.SIVA SANKARI Assistant Professor GCE Tirunelveli sivasankari@gcetly.ac.in 9443909953	Unit 1 C# Language Basics	Objects and Types- Classes and Structs	https://drive.google.com/file/d/1v5pGofWOLhkt6Mz05hJlpU3_3OwsHzYd/view?usp=sharing	
				Inheritance	https://drive.google.com/file/d/1FexDYfunKUBRuINdk5hR1APQ-B1w__Ap/view?usp=sharing	
				Generics	https://drive.google.com/file/d/1jtlz470NcHOTnN5-QTPPRiAyUshZS9xa/view?usp=sharing	
				Arrays and Tuples	https://drive.google.com/file/d/1NmQdZFws0LFqbaEtpNqyVSQF8vhj20VV/view?usp=sharing	
		SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 2 C# Advanced Features	Delegates	https://drive.google.com/file/d/1DuXmmQGnCW34B39h6FwKJMyIkaI66smA/view?usp=sharing	

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
15.	CS8073 C# and .Net Programming	SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 2 C# Advanced Features	Lambdas – Lambda Expressions	https://drive.google.com/file/d/1YDyr1CL11FFmgDjsuBqKx8fCBMbtC9iA/view?usp=sharing	
				Events – Event Publisher – Event Listener	https://drive.google.com/file/d/1R5ni1Siw2kyeaUy-mhpJsknQ9X5V-DtMW/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-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/1bLy1STrc0Qbcd1DKijsNHu11ZNnEZfZt/view?usp=sharing	






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
15.	CS8073 C# and .Net Programming	SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 2 C# Advanced Features	Errors and Exceptions	https://drive.google.com/file/d/1ZwgKCaROH62H1yb2BtPaA51JjNjWJYm/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/1ZGhvrUxIoYHsrjfeOOtlyQw4fdU2INHn/view?usp=sharing	
				Tasks, Threads and Synchronization	https://drive.google.com/file/d/1vQuxKuO8SOT58yTKxPLUS06DmBsC5K2M/view?usp=sharing	
				.Net Security	https://drive.google.com/file/d/1k9Dn99S7OGGhG5nCJQQwMdaEp9fem0d5/view?usp=sharing	
				Localization	https://drive.google.com/file/d/16sz5oFkFNc02dge-TBLGmY0l1Rgpwo5r/view?usp=sharing	






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
15.	CS8073 C# and .Net Programming	SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 3 Base Class Libraries And Data Manipulation	Manipulating XML-SAX and DOM	https://drive.google.com/file/d/1172x7ZXMPPhNAmi-5A_1Q89A-esXXnOER/view?usp=sharing	
				Manipulating files and the Registry	https://drive.google.com/file/d/1cDDQSDD_araGD8IRxbor67_xlviZhbMA/view?usp=sharing	
				Transactions	https://drive.google.com/file/d/1oSQ_Ty8-DP9AFINn2LPm_wRZuuzGAlf/view?usp=sharing	
				ADO.NET	https://drive.google.com/file/d/1xjtEm67zOysobEUq9o4fNMjJCaM2BZ7x/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-l25ital0IIFsTv4bMj-smrjWpV/view?usp=sharing	







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
15.	CS8073 C# and .Net Programming	SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 3 Base Class Libraries And Data Manipulation	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 Web Services	https://drive.google.com/file/d/1jETv6gmsCb_Ih3nervn0Z3HHOYXy0zbo/view?usp=sharing	
				.Net Remoting – Windows Service	https://drive.google.com/file/d/1VoAEdHXehHP7DFXq6Eg3Qzi4jI9cD3v/view?usp=sharing	
				Windows Workflow Foundation (WWF) – Activities	https://drive.google.com/file/d/1EKEqFwuETCuaFRYwGO9AreNGLF4s0TMp/view?usp=sharing	







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15.	CS8073 C# and .Net Programming	SHIBIA MALAR S Temporary Assistant Professor GCE Tirunelveli shibiamalar@gmail.com Phone: 8300280894	Unit 4 Window Based Applications, Wcf And Wwf	Workflows	https://drive.google.com/file/d/1NfgdmCq_7QAE6Wx7ZpEEgt-iCI9vNcKR/view?usp=sharing	
			Unit 5 .Net Framework And Compact Framework	Assemblies – Shared assemblies	https://drive.google.com/file/d/1Hoj4GjdXf7hmiHI6OT62QOoaBwL8Bnrx/view?usp=sharing	
				Custom Hosting with CLR Objects – Appdomains	https://drive.google.com/file/d/1EjybCajkplyqDqzNqpLDwodwI-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/1eMDYYYiPTc7OtGDh9P-aUXlIvmY4LpTb/view?usp=sharing	
				Optimizing performance – Packaging and Deployment Data Stores – Errors, Testing and Debugging	https://drive.google.com/file/d/1ZWQhYQWY2sj0bi92KEzG9DrxK4NeF-vU/view?usp=sharing	







II Year III Sem ECE






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
16.	EC8393 Fundamentals of Data Structures in C	Prof.C.Satheesh Pandian Assistant Professor GCE Bodinaikkanur Satheeshpandian.me@gmail.com 9944155198	Unit 1 C Programming Basics	Structure of a C Program & Compiling and Linking Process	https://drive.google.com/file/d/1tT7x9JvRkkbG075sm50BKF5CGXdzmOK/view?usp=sharing	
				Variables, Constants and Data Types	https://drive.google.com/file/d/1-7JlkwAjJlXQ_Gi433AfuHgTik_Bx1Ye/view?usp=sharing	
				Operators and Expressions	https://drive.google.com/file/d/1-G6oqKhnwhezEIV96c24PGylpcSYW4FI/view?usp=sharing	
				Managing Input and Output Operations	https://drive.google.com/file/d/1-KrZ5Qm2Sg1XL7bg8oLnO4E6JEWUbOvQ/view?usp=sharing	
		Dr.K.Santhosh Kumar Assistant Professor (Deputed from Annamalai Univ) GCE Bodinaikkanur Santhosh09539@gmail.com 9965131234	Unit 1 C Programming Basics	Decision Making, Looping and Branching Statements	https://drive.google.com/file/d/1-3i9L53vBVm25_xr4jAaUhZptTVPsYDj/view?usp=drivesdk	

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
16.	EC8393 Fundamentals of Data Structures in C	M.Saranya / AP(ad-hoc) GCE Bodinaikkanur saranya101289@gmail.com 7092951330	Unit 1 C Programming Basics	Array introduction	https://drive.google.com/file/d/18QWzazJW2no279BsXLlu7aIjCEtRIU4t/view?usp=drivesdk	
				Two dimensional array	https://drive.google.com/file/d/18SJm8i-VczwVmGOqv1d2G5irlHK0crpS/view?usp=drivesdk	
		S.Jayanthi/ AP(ad-hoc) GCE Bodinaikkanur Jayanthi382015@gmail.com 8124970162	Unit 1 C Programming Basics	Strings	https://drive.google.com/file/d/18m3dNkMpZb9kl8HRoSB9TPqHv4baLbl/view?usp=drivesdk	
				String operations and String arrays	https://drive.google.com/file/d/18ogJKfc3wthvC_BbEEyDrokG2TGFVhBA/view?usp=drivesdk	
		Prof.C.Satheesh Pandian Assistant Professor GCE Bodinaikkanur Satheeshpandian.me@gmail.com 9944155198	Unit 2 Functions, Pointers, Structures And Unions	Functions	https://drive.google.com/file/d/1TES4W8_9zZpJ6DuUR6t37M68ctUnU-o/view?usp=sharing	






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16.	EC8393 Fundamentals of Data Structures in C	Prof.C.Satheesh Pandian Assistant Professor GCE Bodinaikkanur Satheeshpandian.me@gmail.com 9944155198	Unit 2 Functions, Pointers, Structures And Unions	Parameter Passing Methods	https://drive.google.com/file/d/1PEdFiZf_I0j3U5z3OEECPsnKD6VhxWV/view?usp=sharing	
				Recursion	https://drive.google.com/file/d/1ct2mEFrhA8a2XCq2dFzThzIb4zwN0I/view?usp=sharing	
				Pointers	https://drive.google.com/file/d/1-i2712hYj7HvXCn-5pDotc3vUqnv8j5O/view?usp=sharing	
				Pointer Arithmetic	https://drive.google.com/file/d/1jS7K6Rjj0As2n_Q345c528vMEWWbdcu/view?usp=sharing	
				Structures	https://drive.google.com/file/d/1ujaC0BxSCCkDIZaHqFNtbB7aFzyEAqY/view?usp=sharing	
				Union	https://drive.google.com/file/d/1yeJ74NEwDitL0CTEQPKnG6YagYAXvX4/view?usp=sharing	






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
16.	EC8393 Fundamentals of Data Structures in C	Prof.C.Satheesh Pandian Assistant Professor GCE Bodinaikkanur Satheeshpandian.me@gmail.com 9944155198	Unit 2 Functions, Pointers, Structures And Unions	Storage Classes	https://drive.google.com/file/d/103_w5Zojh5m47R9lRBR9a4pgBv3kMY4Y/view?usp=sharing	
				Preprocessor Directives	https://drive.google.com/file/d/1043_qjz_7JQVc6_pE4D3rBhRQAqpA3o9/view?usp=sharing	
		M.Saranya Assistant Professor saranya101289@gmail.com 7092951330	Unit 3 Linear Data Structures	Array and Linked List	https://drive.google.com/file/d/10kaGs3v5fIAI5_zpXOn-E0G5b3mkXxDa/view?usp=drivesdk	
				Stack using Array and Linked List	https://drive.google.com/file/d/10uyypj9Jd7U8YZAd7UCKnBERG7ZWLbZQP/view?usp=drivesdk	
				Queue using Array and Linked List	https://drive.google.com/file/d/114PFJP6RwNB_MyRRiXLplYeQACbXh81k/view?usp=drivesdk	
				Application of Stack	https://drive.google.com/file/d/10y6nN2I7ToL7W90jZZlXI9xc0JaViAFY/view?usp=drivesdk	






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16.	EC8393 Fundamentals of Data Structures in C	M.Saranya Assistant Professor saranya101289@gmail.com 7092951330	Unit 3 Linear Data Structures	Linked List based polynomial addition	https://drive.google.com/file/d/10uB2hdll68Ko_ZzmRXxwjsc_T_ftCmFR/view?usp=drivesdk	
				Trees & Binary Trees	https://drive.google.com/file/d/1GVAowkr0ONUnRm9yXJXJng21PXLKEef/view?usp=drivesdk	
		S.Jayanthi Aassistant Professor Jayanthi382015@gmail.com 8124970162	Unit 4 Non-Linear Data Structures	Binary Tree Representation and Traversals	https://drive.google.com/file/d/1Gu612vJx3Whx9V65VF0ISA6r-X_svTUW/view?usp=drivesdk	
				Binary Search Trees & Applications of Trees	https://drive.google.com/file/d/1HGNaBe7KEFQk8AkTQ9XShWi6WM8dBOfc/view?usp=drivesdk	
				Set Representations – Union and Find Operations	https://drive.google.com/file/d/1Gk43r4J-42N35i6hcl_9JRc_AfJs8WkEYh/view?usp=drivesdk	
				Graphs and its Representations	https://drive.google.com/file/d/1HhkzBIwwo8AiJasQwsVQVAWd5hull0af/view?usp=drivesdk	







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16.	EC8393 Fundamentals of Data Structures in C	S.Jayanthi Aassistant Professor Jayanthi382015@gmail.com 8124970162	Unit 4 Non-Linear Data Structures	Graph Traversals	https://drive.google.com/file/d/1GoikuduOqbtonUQwnprJ2sBmL4UwPxyg/view?usp=drivesdk	
		Dr.K.Santhosh Kumar (Deputed from Annamalai Univ) Assistant Professor Santhosh09539@gmail.com 9965131234	Unit 5 Searching And Sorting Algorithms	Searching Techniques	https://drive.google.com/file/d/1-DHjxCOvoxxWG10Iiuq6hK8rwwvuwQ6dm/view?usp=drive_sdk	
				Sorting and Hashing	https://drive.google.com/file/d/1-DtWFKaxtU7CRDAmvVq7O_RiweIuZo9D/view?usp=drivesdk	
		C.Sathish, AP/CSE csathishme@yahoo.co.uk 9865880264	Searching- Linear Search - Binary Search	https://qrgo.page.link/tt3mP		
			Sorting – Bubble sort	https://qrgo.page.link/tcmi4		






IV Year VII Sem CIVIL, EEE & ECE Open Elective II

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
17.	OCS752 Introduction to C Programming	P. SUGAVANESHWARI Assistant Professor GCE, Dharmapuri suga.eshwari@gmail.com 8072270190	Unit 1 Introduction	Structure of C program (10:46)	https://drive.google.com/file/d/14wbZ7UbJUL7pKA1rfKPh9OZcryr9K2bX/view?usp=drivesdk	
				Basics, Keywords, Constants (6:23)	https://drive.google.com/file/d/15-u5wUTIXN5v18GF8tfC0I5MCkin2mNT/view?usp=drivesdk	
				Variables & Data types (11:24)	https://drive.google.com/file/d/14xzVFslZy7xbpkK3jTBk8fbo1mCZmR_8/view?usp=drivesdk	
				Operators (8:09)	https://drive.google.com/file/d/15cGtk_4zji6YXZH4umc57I9R56xq0B7P/view?usp=drivesdk	
				Precedence and Associativity (17:25)	https://drive.google.com/file/d/1UnrKBhAzjjTQGSSwAVbLwhSmuGiQcKM1/view?usp=drivesdk	

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
17.	OCS752 Introduction to C Programming	P. SUGAVANESHWARI Assistant Professor GCE, Dharmapuri suga.eshwari@gmail.com 8072270190	Unit 1 Introduction	Expressions & Assignment Statements (7:09)	https://drive.google.com/file/d/1RDS69mdAnB8F0icPpLfNj7mLKyNWpEV2/view?usp=drivesdk	
				IO Statements (15:35)	https://drive.google.com/file/d/16Inp4ENwefmqkcSp1LD3V12JXIIjx/view?usp=drivesdk	
				Decision making & Switch statement (15:26)	https://drive.google.com/file/d/15jyBRGs3b0V1UmmWcJt_sqNYHSCE0vOO/view?usp=drivesdk	
				Looping statements (15:55)	https://drive.google.com/file/d/1DQTABgN_K-A_1M0EDKIEGtP-U46xkhMu/view?usp=drivesdk	
				Pre-processor directives & Compilation process (16:45)	https://drive.google.com/file/d/1ed0rzedSKsBx-7TRZt_4ib_UuOSLr1_Nqv/view?usp=drivesdk	

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
17.	OCS752 Introduction to C Programming	B.JOTHI Assistant Professor & HOD/CSE GCE, Dharmapuri bjothi13@gmail.com 9751237755	Unit 1 Introduction	Exercise Programs: Check whether the required amount can be withdrawn based on the available amount – Menu-driven program to find the area of different shapes – Find the sum of even numbers (26:26)	https://drive.google.com/file/d/15xw5-4_ilj5nvo7Ye_VnpS-7NZ1Z9VjsW/view?usp=sharing	
		P. SUGAVANESHWARI Assistant Professor GCE, Dharmapuri suga.eshwari@gmail.com 8072270190	Unit 2 Arrays	Introduction to Arrays – One dimensional arrays: Declaration -Initialization - Accessing elements	https://drive.google.com/file/d/1DXcy0hgBZHsq8O5z8_1WDJt79jps_VkR/view?usp=sharing	
				Operations: Traversal, Insertion, Deletion, Searching	https://drive.google.com/file/d/1DU6rAF69MIyY-u4MEIsdAc5uRPbvNCDP/view?usp=sharing	
				Two dimensional arrays: Declaration-Initialization – Accessing elements – Operations: Read – Print – Sum – Transpose	https://drive.google.com/file/d/1DSzxcDwlwgCxVW7O4Bc8ra5d75j4oP2j/view?usp=sharing	
		B.JOTHI Assistant Professor & HOD/CSE GCE, Dharmapuri bjothi13@gmail.com 9751237755		Exercise Programs: Print the number of positive and negative values present in the array –Sort the numbers using bubble sort - Find whether the given is matrix is diagonal or not.	https://drive.google.com/file/d/1zEZqttj7Kvy-QT_w65sVuTBby1cZNEKs/view?usp=sharing	

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17.	OCS752 Introduction to C Programming	P. SUGAVANESHWARI Assistant Professor GCE, Dharmapuri suga.eshwari@gmail.com 8072270190	Unit 3 Strings	Introduction	https://drive.google.com/file/d/1EWtFIRfDWqLZLP8HrqfKFeQIq3PzftZH/view?usp=sharing	
				String operations 1	https://drive.google.com/file/d/1ETWZazixQMcnr6N1-JXhOV4UYtjZ-7/view?usp=sharing	
				String operations 2	https://drive.google.com/file/d/1EWKNaScQgFGz5mPgJvrtBqN9VmFLYRhf/view?usp=sharing	
				Pointers	https://drive.google.com/file/d/1Ei0wP8rsAycmYtJtjmf mTsqjFbXN5Ksm/view?usp=sharing	
			Unit 4 Functions	Introduction to Functions	https://drive.google.com/file/d/1Sxg74192BLQmtRIEGziueU-FRwShKTPL/view?usp=sharing	
				Parameter Passing	https://drive.google.com/file/d/1GUixh8fA47dYfw3Xj9NOipHWxCTe7Yz0/view?usp=sharing	

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
17.	OCS752 Introduction to C Programming	P. SUGAVANESHWARI Assistant Professor GCE, Dharmapuri suga.eshwari@gmail.com 8072270190	Unit 4 Functions	Recursive functions	https://drive.google.com/file/d/1GUsICEI1HDFPwrNTqFSaL2Ncaw66AvGg/view?usp=sharing	
				Exercise Program1	https://www.youtube.com/watch?v=hO61gkQnYII	
				Exercise Program2	http://youtu.be/2ZPmA_88p0k?hd=1	
				Exercise Program3	https://www.youtube.com/watch?v=ngLCKuwMyOQ	
			Unit 5 Structures	Structures	https://drive.google.com/file/d/1le3ZcKdHj6-Vvo5_76ur_9vOaTYOtYh_ih/view?usp=sharing	
				Exercise Programs	https://youtu.be/6wlf2deXPXs	