



Global Group of Institutes

(Approved by AICTE, PCI and Affiliated to IKGPTU, Jalandhar)

SUPPORTING DOCUMENTS

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process



SAMPLE OF SUBJECTS ALLOCATION (TEACHING LOAD)

GLOBAL INSTITUTE OF MANAGEMENT & EMERGING TECHNOLOGIES AMRITSAR											
ECE Department											
TEACHING LOAD (Aug-Dec 2017)											
S.NO.	FACULTY NAME	SUBJECT NAME	SEM	SECTION	L	T	P	NO. OF GROUPS	HOURS	CONTACT HOURS	TOTAL LOAD
1	Dr.Rajesh Goel	HRM	7	E4	3	1		1	4	6	5
		LAB WOCS	7	E4			2	1	2		
2	Dr.Maalti Puri	Digital Communication System	5	E3	3	1		1	4	8	6
		LAB HW Programming	5	E3			2	1	2		
		LAB DC	5	E3			2	1	2		
3	Ms.Neetu Gupta	Network Analysis and Synthesis	3	E2	3	1		1	4	8	8
		NNFL	7	E4	3	1		1	4		
4	Sh.Harsimranjit Singh	Embedded System	7	E4	3	1		1	4	6	5
		LAB Embedded System	7	E4			2	1	2		
5	Ms.Kiranbir Kaur	Digital Circuit and Logic Design	3	E2	3	1		1	4	6	5
		LAB DCLD	3	E2			2	1	2		
6	Ms.Garima Malik	Data Structures	5	E3	3	1		1	4	8	8
		Optical Communication	7	E4	3	1		1	4		
7	Sh.Harmandeep Singh	Digital Signal Processing	5	E3	4	1		1	5	7	6
		LAB DSP	5	E3			2	1	2		
8	Sh.Paramjit Singh	Analog Devices & Circuits	3	E2	3	1		1	4	6	5
		LAB Analog Devices & Circuits	3	E2			2	1	2		
9	Sh.Navpreet Singh	Linear Integrated Circuits	5	E3	3	1		1	4	11	10
		LAB LIC	5	E3			2	1	2		
		MPMC	5	E3	4	1		1	5		
Total										66	58


HOD (ECE)


DIRECTOR

SAMPLE OF TIME TABLE

Global Institutes of Management & Emerging Technologies, Amritsar
 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
 COMBINED TIME TABLE, SESSION - AUG 2017- DEC 2017

Shift	Sec	9:00-9:50	9:50-10:40	10:40-11:30	11:30-12:15	12:15-1:00	1:00-1:40	1:40-2:20	2:20-3:00	3:00-3:40					
MON	E2	ADC(PS)	NAS(NG) T	MATH III(PM)	DCLD(KK)	B R E A K					ADC LAB(PS)				
	E3	DSP(HDS)	DS(GM)	DCS(MP) T	MPMC(NS)						LIC(NS)	SEC	SEC	DSP LAB (HDS)	
	E4	OC(GM)	ES(HS) T	HRM(RG)	NNFL(NG)						LIB	LIB	SS	INT LAB	
	E2	ADC(PS) T	NAS(NG)	Aptitude	DCLD(KK)						MATH III(PM)	LIB	LIB	INT LAB	INT LAB
TUE	E3	DSP(HDS) T	DS(GM)	MPMC(NS)	PAC						LIC(NS)	SEC	SEC	DCLD LAB(PS)	
	E4	OC(GM) T	ES(HS)	HRM(RG)	PAC						NNFL(NG)	INT LAB	INT LAB	IIV LAB(MP)	
	E2	ADC(PS)	SS	MATH III(PM) T	INT LAB						DCLD(KK)	LIB	LIB	WOCs LAB(PS)	
	E3	LIC(NS)	DSP(HDS)	DS(GM) T	DCS(MP)						MPMC(NS)	SS	SS	DC LAB(MP)	
WED	E4	NNFL(NG)	OC(GM)	HRM(RG)	ES(HS)						LIB	SEC	SEC	ES LAB(HS)	
	E2	MATH III(PM)	ADC(PS)	INT LAB	INT LAB						LIB	LIB	NAS(NG)	Aptitude	
	E3	MPMC(NS) T	LIB	DCS(MP)	DSP(HDS)						INT LAB	INT LAB	SS	LIC LAB (NS)	
	E4	ES(HS)	LIB	HRM(RG)	INT						HRM(RG)	Aptitude	Aptitude	INT LAB	
THU	E2	MATH III(PM)	NAS(NG)	LIB	NAS(NG)	DCLD(KK) T	NNFL(NG)	NNFL(NG)	INT LAB						
	E3	MPMC(NS)	LIC(NS) T	DCS(MP) T	LIB	DS(GM)	DS(GM)	DS(GM)	INT LAB						
	E4	OC(GM)	ES(HS)	SS	INT LAB	SEC	SEC	Aptitude	INT LAB						
	E2	ADC(PS)	LIB	SS	INT LAB	SEC	SEC	Aptitude	INT LAB						
FRI	E3	MPMC(NS)	LIC(NS) T	DCS(MP) T	LIB	DCLD(KK) T	NNFL(NG)	NNFL(NG)	INT LAB						
	E4	OC(GM)	ES(HS)	SS	INT LAB	DS(GM)	DS(GM)	Aptitude	INT LAB						
	E2	ADC(PS)	LIB	SS	INT LAB	SEC	SEC	Aptitude	INT LAB						
	E3	MPMC(NS)	LIC(NS) T	DCS(MP) T	LIB	DCLD(KK) T	NNFL(NG)	NNFL(NG)	INT LAB						

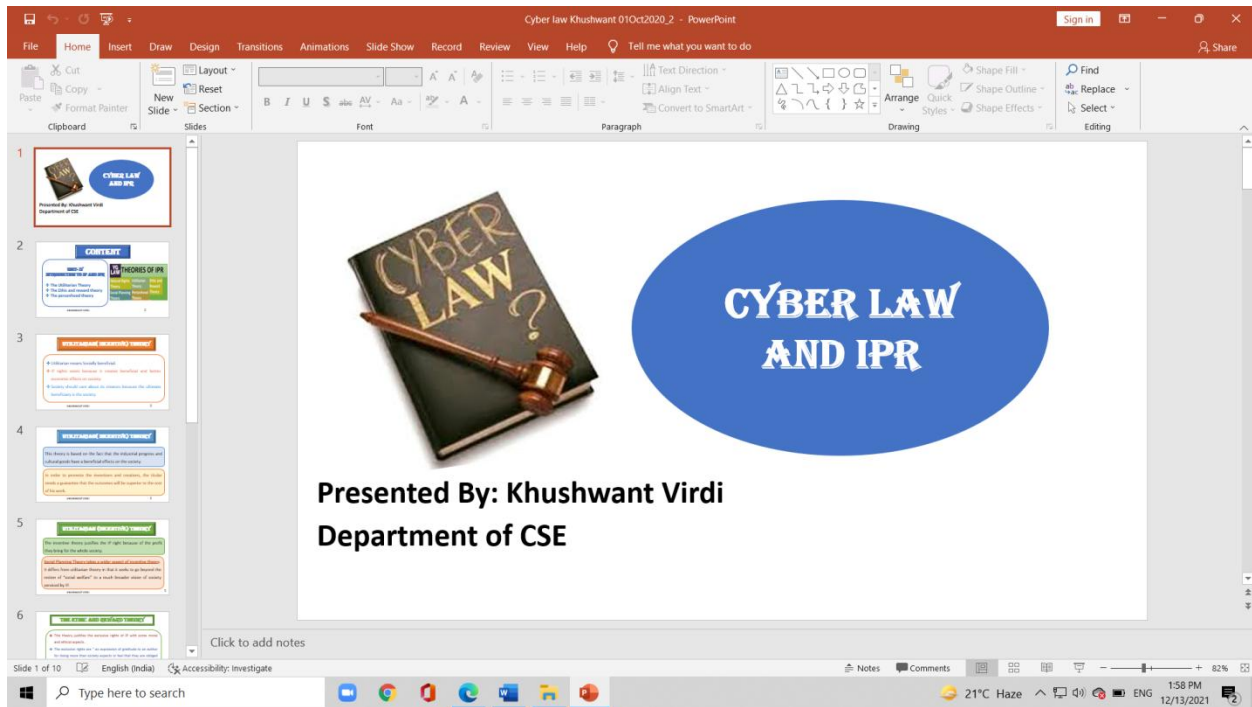
SR NO.	FACULTY NAME	CODE
1	Dr. Rajesh Goel	RG
2	Dr. Manali Puri	MP
3	Ms. Neetu Gupta	NG
4	Sh. Harshraj Singh	HS
5	Ms. Karambir Kaur	KK
6	Ms. Garima Malik	GM
7	Sh. Harmandeep Singh	HDS
8	Sh. Paramjit Singh	PS
9	Sh. Navpreet Singh	NS

Other Activities	Name Of Faculty
SEC	Spoken English Classes
Aptitude	Aptitude Trainer
SS	Soft Skill classes
LIB.	Library Lab
INT. LAB	Intern Lab
T	Tutorial

(Signature)
 HOD ECE

(Signature)
 CO-ORDINATOR TIME TABLE

SAMPLE OF CONTENT DELIVERY THROUGH ICT TOOLS



CONTENT

**UNIT-IV
INTRODUCTION TO IP AND IPR**

- ❖ The Utilitarian Theory
- ❖ The Ethic and reward theory
- ❖ The personhood theory

YG LAW	THEORIES OF IPR	
Natural Rights Theory	Utilitarian Theory	Ethic and Reward Theory
Social Planning Theory	Personhood Theory	



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SAMPLE OF MST QUESTION PAPER

**GLOBAL GROUP OF INSTITUTES, AMRITSAR
DEPARTMENT OF ECE
MST-II
BASIC ELECTRONICS (BTEC-501-18)**

MM. 60

Time: 3 Hr

Instructions: Attempt all questions in Sec-A, four questions in Section-B and any two questions in Section-C.

SECTION-A

(2 x 10 = 20)

Q1. Describe briefly:

- A) Write 1's complement of 1100111001
- B) Draw the symbol of X-OR gate.
- C) Define virtual ground.
- D) Draw the symbol of OPAMP along with its pin description.
- E) Convert binary number $(1100111)_2$ to decimal number $(?)_{10}$
- F) Convert hexadecimal number $(5AF)_{16}$ to binary number $(?)_2$.
- G) Write 2's complement of 1100110000
- H) Differentiate SOP(Sum of product) and POS (Product of Sum).
- I) Write the binary counting from 0000 to 1111
- J) Compare nMOS and pMOS.

SECTION-B

(4 x 5 = 20)

Q2. Explain voltage divider biasing circuit.

Q3. Subtract $(11001101)_2$ from $(10101011)_2$ using 2's complement subtraction.

Q4. Describe AND, OR, NAND, EXNOR gate using their truth tables.

Q5. Derive the equation for the adder circuit of OPAMP.

Q6. Discuss various characteristics of an ideal OPAMP.

SECTION-C

(2 x 10 = 20)

Q7. Describe the functioning of RS Flip flop along with the various conditions of truth table.

Q8. Illustrate the square wave and triangular wave generator along with suitable diagram.

Q9. Solve using K-MAP

$$F(A,B,C,D) = \sum(1,2,4,5,6,8,9,10,11,13)$$

LINKS OF DEPARTMENTAL ACTIVITIES

S.no.	Department Name	Reference Links
1	B.Tech Computer Science and Engineering	https://www.globalinstitutes.edu.in/gimet/computer-science-and-engineering/#1553186965098-ab97633e-0efe
2	B.Tech Mechanical Engineering	https://www.globalinstitutes.edu.in/gimet/mechanical-engineering/#1553186965098-ab97633e-0efe
3	B.Tech Electronics and Communication Engineering	https://www.globalinstitutes.edu.in/gimet/electronics-comm-engineering/#1553186965098-ab97633e-0efe
4	B.Tech Information Technology	https://www.globalinstitutes.edu.in/gimet/information-technology/#1553186965098-ab97633e-0efe
5	B.Tech Civil Engineering	https://www.globalinstitutes.edu.in/gimet/civil-engineering/#1553186965098-ab97633e-0efe
6	Master of Business Administration	https://www.globalinstitutes.edu.in/gimet/gimet-mba/#1553186965098-ab97633e-0efe
7	Master of Computer Applications	https://www.globalinstitutes.edu.in/gimet/gimet-mca/#1553186965098-ab97633e-0efe
8	Hotel Management and Catering Technology	https://www.globalinstitutes.edu.in/gim/bachelor-of-hotel-management-and-catering-technology/#1555232037344-9f42fd3e-a852
9	Bachelor of Tourism and Travel	https://www.globalinstitutes.edu.in/gim/bachelor-of-travel-tourism-management/#1553869081855-0ce910cb-3dbc
10	B.Sc Agriculture	https://www.globalinstitutes.edu.in/gim/b-sc-agriculture/#1555232037344-9f42fd3e-a852
11	B. Pharmacy	https://www.globalinstitutes.edu.in/pharmacy/course-offered-b-pharmacy/#1618910834331-db3133a2-5514
12	Bachelor of Computer Applications	https://www.globalinstitutes.edu.in/gim/bachelor-of-computer-application-bca/#1553869081855-0ce910cb-3dbc
13	Bachelor of Commerce (Hons)	https://www.globalinstitutes.edu.in/gim/b-com-hons/#1553869081855-0ce910cb-3dbc
14	Medical Lab Science	https://www.globalinstitutes.edu.in/gim/medical-lab-science/#activities
15	Bachelor of Business Administration	https://www.globalinstitutes.edu.in/gim/bachelor-of-business-administration-bba/#1553869081855-0ce910cb-3dbc