

17.	Introduction to VHDL-Behavioural Modeling, Dataflow Modeling, Structural Modeling, Application in Digital System Designs.	2
18.	Digital to analog converter: Binary Weighted Resistors, Analog to digital converter-Successive Approximation Method,	1
19.	Logic gates, DTL, TTL, ECL, I ² L, CMOS Gates and their parameters and comparisons.	2
20.	Classification of memories – ROM - ROM organization - PROM – EPROM – EEPROM – EAPROM	2
21.	RAM – RAM organization – Write operation – Read operation, memory expansion	2
22.	Static RAM Cell-Bipolar RAM cell – MOSFET RAM cell – Dynamic RAM cell	1
	Total	42

11.Suggested Books

S.No	Name of Books/ Authors	Year of Publication/ Reprint
1.	Thomas L. Floyd , Digital Fundamentals, Pearson Education Asia	1994
2.	Digital Integrated Electronics by H.Taub & D. Schilling(TMh).	1997
3.	Digital Principles and Application by Malvino & Leach (TMh).	1986
4.	Digital Electronics And Logic Design by M.Mano (EPI)	2004
5.	Switching And Finite Automata Theory by Z. Kohavi (TMh).	2009
6.	Modern Digital Electronics by R. P. Jain (TMh).	2009

1. Subject Code: **MG201**

Course Title: **Fundamentals of Management**

2. Contact Hours:

L: 3 T: 0 P: 0

3. Examination Duration (Hrs.):

Theory: 3 Practical: 0

4. Relative Weight:
0

CWS: 25

PRS: 0

MTE: 25

ETE: 50

PRE:

5. Credits: 3

6. Semester: III

7. Subject Area: HMC

8. Pre-requisite: NIL

9. Objective: The basic objective of this paper is to acquaint the students with the basic concepts of management necessary to deal with emerging business environment besides sensitizing them about societal challenges.

10. Details of Course:

S.No.	Detail Contents	Contact Hrs.
1	Definition of management, importance of management, management principals, managerial roles, managerial ethos, management vs administration, managerial functions, task and responsibilities, organizational structure, motivation: meaning, theories and techniques.	8
2	Concept of business environment, corporate social responsibility and corporate governance, managerial values and ethics.	8

3	Objectives and importance of financial management, basics of capital budgeting, cost of capital, emerging sources of funds for new projects, introduction to stock market.	9
4	Functions of marketing, marketing Vs sales, interface of marketing with other departments, customer life time value, new product development, unethical issues in marketing.	8
5	Introduction to knowledge management, knowledge society, knowledge economy, building knowledge assets, sources of knowledge, technology innovation process, E-governance: definition, objectives and significance; challenges in Indian context, Digital India programme.	9
	Total	42

11.Suggested Books

S. No.	Name of Books / Authors/ Publishers
1	Fundamental of Management, Stephen P. Robbins, David A. De Cenzo and Mary Coulter, Pearson Education, 2011(ISBN:9780273755869)
2	Financial Accounting, 4 ed, S.N. Maheshwari and S.K. Maheshwari, Vikas Pulication,2005 (ISBN: 8125918523)
3.	Management, James A F Stonner, Pearson Education,2010 (ISBN: 9788131707043)
4.	Marketing Management, 14 th ed., Philip Kotler , Kevin Lane Keller, Abraham Koshy and MithileswarJha, Pearson Education, 2013 (ISBN: 9788131767160)
5	Knowledge Management in Organizations: A Critical Introduction, Donald Hislop, Oxford University Press,2013 ISBN: 9780199691937.

1. Subject Code: **EC-262**

Course Title: **Communication system**

2. Contact Hours :

L : 3 T : 0 P : 2

3. Examination Duration (Hrs.) :

Theory : 3 Practical :

4. Relative Weight :

CWS : 15 PRS : 15 MTE : 30 ETE : 40 PRE : 0

5. Credits :

4

DRAFT SCHEME OF STUDY
(Year 2,3,4 B. Tech Program)