MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC - Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)
P.B. No: 14, Angallu, Kadiri Road, Madanapalle – 517325, Chittoor (Dist.), A.P, India.
www.mits.ac.in

Estd. 1998

CONSOLIDATED MEMORANDUM OF GRADES

S.No.: 0002260

NAME : J BALAJI		
REGISTERED NO. : 16691A04C1	**DATE OF BIRTH : 15/11/1998**	**MEDIUM OF INSTRUCTION : ENGLISH**
PROGRAMME OF STUDY : B.Tech. - ELECTRONICS AND COMMUNICATION ENGINEERING		
DURATION OF PROGRAMME : 4 YEARS	**YEAR OF ADMISSION : 2016**	**YEAR OF COMPLETION : 2020**

YEAR & SEM.	S.NO.	COURSE CODE	COURSE NAME	L.G*	C*
I YEAR I SEMESTER	1	14ENG11T01	FUNCTIONAL ENGLISH	A	4
	2	14CHE11T02	ENVIRONMENTAL SCIENCE	O	2
	3	14MAT11T01	ADVANCED CALCULUS	O	4
	4	14CHE11T01	ENGINEERING CHEMISTRY	O	4
	5	14ME11T01	ENGINEERING GRAPHICS	O	4
	6	14CHE11P01	ENGINEERING CHEMISTRY PRACTICALS	O	2
	7	14CSU11P01	COMPUTING PRACTICALS	O	2
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I YEAR II SEMESTER	1	14ENG12T02	TECHNICAL REPORT WRITING	A+	3
	2	14MAT12T02	LINEAR ALGEBRA & COMPLEX ANALYSIS	O	4
	3	14PHY12T01	ENGINEERING PHYSICS	O	4
	4	14CSU12T01	COMPUTER PROGRAMMING	A+	4
	5	14EEE12T01	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	A	3
	6	14PHY12P01	ENGINEERING PHYSICS PRACTICALS	O	2
	7	14CSU12P02	COMPUTER PROGRAMMING PRACTICALS	O	2
	8	14ME12P01	WORKSHOP PRACTICE	O	2
II YEAR I SEMESTER	1	14MAT103	DIFFERENTIAL EQUATIONS & LAPLACE TRANSFORMS	O	3
	2	14HUM101	PRINCIPLES OF ECONOMICS	A+	3
	3	14ECE101	ELECTRICAL MACHINES	A	3
	4	14ECE102	NETWORK ANALYSIS	A+	3
	5	14ECE103	ELECTRONIC DEVICES	A	3
	6	14ECE104	DIGITAL DESIGN	A+	3
	7	14ECE201	ELECTRICAL AND ELECTRONIC DEVICES PRACTICALS	O	2
	8	14ECE202	DIGITAL DESIGN PRACTICALS	O	2
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II YEAR II SEMESTER	1	14MAT104	PROBABILITY & STATISTICS	O	3
	2	14HUM102	PRINCIPLES OF MANAGEMENT	A	3
	3	14ECE105-M1	PRINCIPLES OF SIGNALS AND SYSTEMS (MOOC)	B+	3
	4	14ECE106	MICROPROCESSORS AND INTERFACING	A	3
	5	14ECE107	MICROELECTRONICS AND CIRCUITS	B+	3
	6	14ECE108	CONTROL SYSTEMS	A+	3
	7	14ECE203	MICROPROCESSORS AND INTERFACING PRACTICALS	A+	2
	8	14ECE204	SIMULATION AND CONTROL PRACTICALS	O	2
	9	14ENG301	EFFECTIVE PUBLIC SPEAKING (AUDIT COURSE)	P	-
III YEAR I SEMESTER	1	14ECE109	ELECTROMAGNETIC THEORY	A+	3
	2	14ECE110	COMMUNICATION SYSTEMS	A	3
	3	14ECE111	ANALOG ELECTRONICS	A+	3
	4	14ECE112	ANALOG AND DIGITAL VLSI DESIGN	A+	3
	5	14ECE205	ANALOG ELECTRONICS PRACTICALS	O	2
	6	14ECE206	COMMUNICATION SYSTEMS PRACTICALS	A+	2
	7	14ECE113-M2	COMPUTER ARCHITECTURE (MOOC)	A+	3
	8	14MAT401	NUMERICAL ANALYSIS (OPEN ELECTIVE)	A+	3
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III YEAR II SEMESTER	1	14ENG103	SOFT SKILLS	A+	3
	2	14ECE114	COMMUNICATION NETWORKS	A	3
	3	14ECE115	ELECTROMAGNETIC FIELDS AND MICROWAVE ENGINEERING	A	3
	4	14ECE116	DIGITAL SIGNAL PROCESSING	A+	3
	5	14ECE207	MICROWAVE PRACTICALS	A+	2
	6	14ECE208	DIGITAL SIGNAL PROCESSING PRACTICALS	O	2
	7	14ECE401	OPTICAL COMMUNICATION	A+	3
	8	14MAT402	ENGINEERING OPTIMIZATION (OPEN ELECTIVE)	A	3
	9	14ENG304	INTRODUCTORY PSYCHOLOGY (AUDIT COURSE)	P	-

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YEAR & SEM.	S.NO.	COURSE CODE	COURSE NAME	L.G*	C*
IV YEAR I SEMESTER	1	14ECE117	OBJECT ORIENTED PROGRAMMING	A+	3
	2	14ECE118	EMBEDDED SYSTEM DESIGN	A+	3
	3	14ECE119	MOBILE TELECOMMUNICATION AND NETWORKS	B+	3
	4	14ECE404	INTRODUCTION TO MEMS	A+	3
	5	14ECE408	DIGITAL COMMUNICATION TECHNIQUES	A+	3
	6	14ECE209	OBJECT ORIENTED PROGRAMMING PRACTICALS	O	2
	7	14ECE210	EMBEDDED SYSTEM PRACTICALS	A+	2
	8	14ECE501	MINI PROJECT	O	2
	9	14CSU408-M1	INTRODUCTION TO RESEARCH (MOOC)	A+	3
IV YEAR II SEMESTER	1	14ECE412	SATELLITE COMMUNICATION	A	3
	2	14CE412	GROUND IMPROVEMENT TECHNIQUES (OPEN ELECTIVE)	A+	3
	3	14ECE502	PROJECT WORK	A+	14
	4	14ECE601	TECHNICAL SEMINAR	O	2
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TOTAL CREDITS REGISTERED : 180.0	TOTAL CREDITS EARNED : 180.0
CUMULATIVE GRADE POINT AVERAGE (CGPA) : 9.01	CLASS AWARDED : *** FIRST CLASS WITH DISTINCTION ***

L.G* - Letter Grade, C* - Credits

Date : 30/04/2021

VERIFIED BY

CONTROLLER OF EXAMINATIONS

PRINCIPAL

IMPORTANT INFORMATION

Table 1: Conversion of Marks to Grade Point & Letter Grade

Absolute	Grade Point	Letter Grade	Description
90 - 100	10	O	Outstanding
80 - 89	9	A+	Excellent
70 - 79	8	A	Very Good
60 - 69	7	B+	Good
50 - 59	6	B	Above Average
45 - 49	5	C	Average
40 - 44	4	P	Pass
< 40	0	F	Fail
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Table 2: Award of Class

Class	CGPA
First Class with Distinction	≥ 7.5 & 10.0
First Class	≥ 6.5 & < 7.5
Second Class	≥ 5.5 & < 6.5
Pass Class	≥ 4.0 & < 5.5

Computation of CGPA

The CGPA (Cumulative Grade Point Average) is calculated as per the below formula:

$$CGPA = \frac{\sum_{i=1}^{m} c_i g_i}{\sum_{i=1}^{m} c_i}$$

Where 'm' =Total number of courses registered.

'c_i' =Credits obtained for the i^{th} course.

'g_i' =Grade point obtained for the i^{th} course.

CGPA is rounded off to the second place of decimal and recorded as such.

A student shall be deemed to have satisfied the minimum academic requirements and earned the credits allotted to each theory and practical course, if he/she secures not less than 40% of the maximum marks in the end examination and a minimum of 40% of marks in the sum total of the internal evaluation and the end examination taken together.

- In case of a specific query by students/employers regarding Cumulative Grade Point Average (CGPA) to percentage conversion, the below formulae will be adopted for **notional conversion of CGPA** into percentage.

CGPA to Percentage (%) Conversion = (CGPA – 0.5) x 10

- MOOC – Massive Open Online Course.

Note: For certificate originality and student verification, you may contact the Controller of Examinations.

(Any discrepancy in the entries noted in this certificate must be brought to the notice of the Controller of Examinations within one month from the issued date.)