



# ADITYA ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, Affiliated to JNTUK, Accredited by NBA & NAAC with 'A++' Grade  
Surampalem-533 437, Andhra Pradesh, INDIA



Sl.No.: 0006816

**CONSOLIDATED GRADE / CREDIT SHEET**

CDC S.No. : 4190

Bachelor of Technology in MECHANICAL ENGINEERING

Name : CHALAPAKA SURYA DILEEP

Father Name : CHALAPAKA SRINIVAS



Hall Ticket No. : 21A95A0325

Aadhaar No. : 882034466853

Month & Year of Final Exam: APRIL 2024

Year of Admission & Regulation : 2021 - 22 & AR20

S.No.	COURSE TITLE	Grade	Grade Points	Credits	S.No.	COURSE TITLE	Grade	Grade Points	Credits
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I SEMESTER

II SEMESTER

DIRECT ADMISSION INTO II YEAR UNDER LATERAL ENTRY SCHEME

III SEMESTER

IV SEMESTER

1	Integral transforms & applications of Partial Differential Equations	B	8	3
2	Production Technology	A	9	3
3	Fluid Mechanics & Hydraulic Machines	C	7	3
4	Thermodynamics	B	8	3
5	Metallurgy & Material Science	A	9	3
6	Computer Aided Machine Drawing Lab	A	9	1.5
7	Production Technology Lab	A	9	1.5
8	Fluid Mechanics &	A	9	1.5
9	Skill Oriented Course - I (Java Programming Lab)	A	9	2
10	Biology for Engineers	S	--	--
Semester Grade Point Average (SGPA) :				8.44

1	Numerical Methods & Statistical Techniques	B	8	3
2	Industrial Engineering and Management	C	7	3
3	Mechanics of Solids	B	8	3
4	Theory of Machines - I	C	7	3
5	Thermal Engineering - I	D	6	3
6	Theory of Machines Lab	A	9	1.5
7	Mechanics of Solids & Metallurgy Lab	A	9	1.5
8	Thermal Engineering Lab	A	9	1.5
9	Skill Oriented Course- II (Python Programming Lab)	A	9	2
10	Essence of Indian Traditional Knowledge	S	--	--
Semester Grade Point Average (SGPA) :				7.74

V SEMESTER

VI SEMESTER

1	Theory of Machines - II	B	8	3
2	Design of Machine Members-I	C	7	3
3	Thermal Engineering - II	B	8	3
4	Metal Cutting and Machine Tools	A	9	3
5	Automobile Engineering	C	7	3
6	Waste Water Management	B	8	3
7	Machine Tools and Metrology and ICS Lab	A+	10	1.5
8	Skill Oriented Course-III (Computer Aided Engineering (CAE) Lab	B	8	2
9	Summer Internship - I	A+	10	1.5
10	Community Service Project	A	9	4
11	Intellectual Property Rights and Patents	S	--	--
Semester Grade Point Average (SGPA) :				8.26

1	Heat Transfer	C	7	3
2	Design of Machine Members-II	B	8	3
3	Refrigeration and Air - Conditioning	A	9	3
4	Mechatronics	A	9	3
5	Python Programming	D	6	3
6	CAM/ Mechatronics Lab	A+	10	1.5
7	Heat Transfer Lab	A+	10	1.5
8	Skill Oriented Course-IV (Employability Skills)	D	6	2
9	Professional Ethics and Human Values	S	--	--
Semester Grade Point Average (SGPA) :				7.95

VII SEMESTER

VIII SEMESTER

1	Finite Element Methods	D	6	3
2	Non Destructive Evaluation	A+	10	3
3	Production Planning And Control	C	7	3
4	Natural Disaster Management & Mitigation	C	7	3
5	Composite Materials	B	8	3
6	Artificial Intelligence and Machine Learning	C	7	3
7	Summer Internship - II	A	9	3
8	Skill Oriented Course-V Artificial Intelligence and Machine Learning	A	9	2
9	Research Methodology	S	--	--
Semester Grade Point Average (SGPA) :				7.83

1	Project (Full Semester Internship)	A+	10	8
2	Universal Human Values- II Understanding Harmony	S	--	--
Semester Grade Point Average (SGPA) :				10.00

Number of Credits Registered : 121  
Number of Credits Obtained : 121  
Medium of Instruction and Examinations are In English

CGPA secured : 8.18  
Class Awarded : First Class with Distinction

Date of Issue: 02/06/2024



*S. P. S. S.*  
Controller of Examinations

## GRADING

### Award of Letter Grade and Grade Points for a Course

Range of Marks For B.Tech MBA(Integrated)	Range of Marks For M.Tech/MCA/MBA	Letter Grade		Level	Grade Point
		AR17&AR19	AR20		
≥ 90	≥ 90	O	A+	Outstanding	10
≥ 80 to < 90	≥ 80 to < 90	A+	A	Excellent	9
≥ 70 to < 80	≥ 70 to < 80	A	B	Very Good	8
≥ 60 to < 70	≥ 60 to < 70	B+	C	Good	7
≥ 50 to < 60	≥ 50 to < 60	B	D	Fair	6
≥ 40 to < 50	-	P	E	Satisfactory	5
< 40	< 50	F	F	Fail	0
		AB	AB	Absent	0

### For Non Credit Courses like Audit Courses / Mandatory Courses / MOOCs

Range of Marks		Letter Grade	Result
UG	UG		
≥ 40	≥ 50	S	Satisfactory
< 40	< 50	N	Not Satisfactory

### Award of Degree and Class

Class Awarded	AR17		
	B.Tech	MBA(Integrated)	M.Tech / MCA / MBA
	CGPA to be Secured	CGPA to be Secured	CGPA to be Secured
First Class with Distinction	≥ 7.75 (without any supplementary in credit course)	≥ 7.75 (without any supplementary)	≥ 7.75
First Class	≥ 6.75 to < 7.75	≥ 6.75 to < 7.75	≥ 6.75 to < 7.75
Second Class	≥ 5.75 to < 6.75	≥ 5.75 to < 6.75	≥ 5.75 to < 6.75
Pass Class*	≥ 4.75 to < 5.75 *	≥ 4.75 to < 5.75*	-

Class Awarded	AR19 & AR20	
	B.Tech, M.Tech, MCA, MBA & MBA(Integrated)	
	CGPA to be Secured	
First Class with Distinction	≥ 7.75 (without any supplementary)	
First Class	≥ 6.75 to < 7.75	
Second Class	≥ 5.75 to < 6.75	
Pass Class*	≥ 4.75 to < 5.75*	

\*Pass Class is for B.Tech & MBA(Integrated) only

### Credits

Regulation	Programme	B.Tech		MCA		MBA (Integrated)	M.Tech	MBA
		Regular	Lateral	Regular	Lateral			
AR17	Credits	180	133	126	84	198	80	90
AR19		160	121	110	71	198	68	104
AR20		160	121	80	-	-	-	-

Computation of Semester Grade Point Average

$$SGPA(s_i) = \frac{\sum(C_i G_i)}{\sum(C_i)}$$

Where  $C_i$  = Number of credits of the  $i^{\text{th}}$  course.

$G_i$  = Grade Points scored by the student in the  $i^{\text{th}}$  course.

Computation of Cumulative Grade Point Average

$$CGPA = \frac{\sum(C_i S_i)}{\sum(C_i)}$$

Where  $S_i$  = SGPA of the  $i^{\text{th}}$  semester.

$C_i$  = Total number of credits in that semester.

Conversion of Grade Point Average to Percentage of Marks =  $(CGPA - 0.75) \times 10$

**NOTE : Any discrepancy must be represented within 15 days from the date of issue**

