

**VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE**

VIJAYAWADA - 520 007, ANDHRA PRADESH, INDIA  
(Approved by AICTE, Accredited by NAAC with 'A' Grade and ISO 9001: 2008 Certified)

(An Autonomous College affiliated to JNTUK, Kakinada - 533 003, India)



**CONSOLIDATED GRADE CARD**  
B.TECH. DEGREE EXAMINATIONS

REGD. NO. **158W1A03B5**

MEMO No. **3695**

BRANCH **MECHANICAL ENGINEERING**

NAME OF THE CANDIDATE	FATHER'S NAME	MOTHER'S NAME
VELAGAPUDI KIRAN SAI	VELAGAPUDI VENKATAESWARA RAO	VELAGAPUDI NAGA MANI
PERIOD OF STUDY	MONTH & YEAR OF PASSING	DIVISION
2015 - 2019	OCTOBER 2020	SECOND CLASS

Sub Code	First Semester Subjects	Gr	Cr
14MA1101	LINEAR ALGEBRA AND DIFFERENTIAL EQUATIONS	C	4
14CH1102	ENGINEERING CHEMISTRY	C	3
14CS1103	INTRODUCTION TO COMPUTING	C	2
14CE1104	BASICS OF CIVIL ENGINEERING	B	2
14HS1105	PROFESSIONAL ETHICS	C	2
14ME1106	BASICS OF MECHANICAL ENGINEERING	A+	2
14ME1107	MECHANICS FOR ENGINEERS	C	4
14CH1151	ENGINEERING CHEMISTRY LAB	A+	2
14CS1152	BASIC COMPUTING LAB	A+	2
14ME1153	WORKSHOP PRACTICE	A+	2
SGPA :			7.04
			25

Sub Code	Second Semester Subjects	Gr	Cr
14MA1201	CALCULUS	E	4
14PH1202	ENGINEERING PHYSICS	B	3
14CS1203	PROGRAMMING IN C	E	3
14HS1204	TECHNICAL ENGLISH AND COMMUNICATION SKILLS	C	2
14ME1205	ADVANCED MECHANICS FOR ENGINEERS	D	4
14ME1207	ENGINEERING GRAPHICS	D	5
14PH1251	ENGINEERING PHYSICS LAB	C	2
14CS1252	C PROGRAMMING LAB	A+	2
SGPA :			5.44
			25

Sub Code	Third Semester Subjects	Gr	Cr
14MA1301	COMPLEX ANALYSIS AND NUMERICAL METHODS	C	4
14ME3302	MECHANICS OF MATERIALS	D	4
14ME3303	BASIC THERMODYNAMICS	C	3
14HS1304	ENVIRONMENTAL STUDIES	B	3
14EC1305	BASICS OF ELECTRONICS ENGINEERING	C	2
14ME3306	KINEMATICS OF MACHINES	C	3
14ME3307	MANUFACTURING PROCESSES	D	3
14ME3351	COMPUTER AIDED DRAFTING LAB	A+	2
14ME3352	MANUFACTURING PROCESS LAB	A+	2
SGPA :			6.31
			26

Sub Code	Fourth Semester Subjects	Gr	Cr
14MA1401	TRANSFORMATIONS AND PROBABILITY DISTRIBUTIONS	D	3
14ME3402	ADVANCED MECHANICS OF MATERIALS	D	4
14ME3403	FLUID MECHANICS	D	3
14ME3404	APPLIED THERMODYNAMICS	D	4
14EE1405	BASICS OF ELECTRICAL ENGINEERING	E	2
14ME3406	MATERIAL SCIENCE AND METALLURGY	E	3
14ME3451	COMPUTATIONAL METHODS LAB	A	2
14ME3452	ELECTRICAL AND ELECTRONICS ENGINEERING LAB	A+	2
14HS1453	COMMUNICATION SKILLS LAB	A	2
SGPA :			5.60
			25

Sub Code	Fifth Semester Subjects	Gr	Cr
14ME3501	HYDRAULIC MACHINES	B	2
14ME3502	DESIGN OF MACHINE ELEMENTS	C	4
14ME3503	MACHINE DYNAMICS	D	4
14ME3504	INTERNAL COMBUSTION ENGINES	D	4
*14CE2505-4	BUILDING MATERIALS AND BUILDING CONSTRUCTION	C	4
*14ME5506B	WORK STUDY	B	2
14ME3507	METAL CUTTING AND MACHINE TOOLS	D	3
14ME3551	GEOMETRICAL MODELING LAB	B	2
14ME3552	SM AND FM LAB	A+	2
SGPA :			6.04
			27

Sub Code	Sixth Semester Subjects	Gr	Cr
14ME3601	HEAT TRANSFER	C	4
14ME3602	DESIGN OF TRANSMISSION ELEMENTS	E	4
14ME3603	OPERATIONS RESEARCH	E	4
14HS1604	ENGINEERING ECONOMICS AND FINANCE	D	3
14ME3605	ENGINEERING METROLOGY AND MEASUREMENTS	C	3
14ME3651	FUELS AND IC ENGINES LAB	A	2
14ME3652	MACHINE TOOLS LAB	A	2
14ME5653	TERM PAPER	A	2
SGPA :			5.71
			24

Sub Code	Seventh Semester Subjects	Gr	Cr
14ME3701	FINITE ELEMENT METHOD	D	4
14ME3702	COMPUTER AIDED MANUFACTURING	C	4
14ME3703	REFRIGERATION AND AIR CONDITIONING	E	4
14ME4704-3	HYDRAULIC AND PNEUMATIC SYSTEMS	C	3
14ME4705-1	COMPUTER AIDED DESIGN	D	3
14ME3751	HEAT TRANSFER LAB	C	2
14ME3752	DESIGN AND METROLOGY LAB	A	2
14ME6753-2A	NON DESTRUCTIVE TESTING	B	2
14ME5754	MINI PROJECT	D	2
SGPA :			5.58
			26

Sub Code	Eighth Semester Subjects	Gr	Cr
14ME3801	MANUFACTURING MANAGEMENT	E	4
14ME4802-3	ADVANCED MANUFACTURING MANAGEMENT	C	3
14ME4803-2	AUTOMOBILE ENGINEERING	C	3
14ME3851	COMPUTER AIDED ENGINEERING LAB	A	2
14ME5852	MAJOR PROJECT	B	10
SGPA :			6.27
			22

Sub Code	Student Practice Courses	Performance
SPC-1C	SEMINAR	SATISFACTORY
SPC-3	NATIONAL CADET CORPS (NCC)	SATISFACTORY

  

Sub Code	Personality Development Courses	Performance
PDC-1	PERSONALITY DEVELOPMENT COURSE - REASONING	SATISFACTORY
PDC-2	CAMPUS RECRUITMENT & TRAINING - QUANTITATIVE APTITUDE	SATISFACTORY

Credits	Total	Required
Academics	200	200

CGPA : 6.00

\* Institutional Elective  
\* Self-Learning Course

Date: 20/01/2021

Prepared by: *[Signature]*



Checked by: *[Signature]*

*[Signature]*  
CONTROLLER OF EXAMINATIONS

\*Students must participate in Personality Development Courses and Student Practice Courses as per section 8.3.7 and 8.3.8 of the VR14 Regulations and achieve satisfactory level of performance. The courses under the above category are not considered for GPA calculation.