

**BACHELOR OF TECHNOLOGY  
( B.TECH. )**



**CONSOLIDATED STATEMENT OF GRADES**



**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

S.No. 8558

Register No: 19UEEC0385



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Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
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## CONSOLIDATED STATEMENT OF GRADES

<b>Degree</b>	Bachelor of Technology (B.Tech.)		
<b>Programme</b>	Electronics & Communication Engineering		
<b>Name of the Candidate</b>	NEDUNURI VEENUS KUMAR		
<b>Cumulative Grade Point Average (CGPA)</b>	7.01	<b>Division</b>	<b>First Class</b>

Course Code	Course Name	Credits	Grade Points	Grade	YoP
<b>Foundation Courses (60 Credits)</b>					
1150EN202	Workplace Communication - I	3	6	D	Nov.2019
1150GE205	Introduction to Engineering	3	8	B	Nov.2019
1150ME101	Basic Mechanical Engineering	2	6	D	Nov.2019
1150ME202	Engineering Graphics	4	6	D	Nov.2019
1150PH302	Engineering Physics Laboratory	1	7	C	Nov.2019
1150CE101	Basic Civil Engineering	2	7	C	May.2020
1150CH101	Engineering Chemistry	3	8	B	May.2020
1150CH302	Engineering Chemistry Laboratory	1	9	A	May.2020
1150CS201	Problem Solving using C	3	9	A	May.2020
1150EE101	Basic Electrical Engineering	2	6	D	May.2020
1150EE302	Basic Electrical and Electronics Engineering Laboratory	1	8	B	May.2020
1150EN203	Workplace Communication - II	3	8	B	May.2020
1150GE101	Biology for Engineers	2	6	D	May.2020
1150GE102	Design Thinking	3	7	C	May.2020
1150MA103	Engineering Mathematics - II	4	6	D	May.2020
1150MA202	Engineering Mathematics - I	4	8	B	May.2020
1150ME103	Engineering Materials	2	7	C	May.2020
1150PH101	Engineering Physics	3	6	D	May.2020
1150EC101	Basic Electronics Engineering	2	6	D	May.2021
1150MG101	Project Management and Finance	3	6	D	Nov.2021
1150CH103	Environmental Studies	3	7	C	May.2022
1150MA104	Transforms and Partial Differential Equations	3	6	D	May.2023
1150MA201	Applied Statistics	3	7	C	May.2023
<b>Programme Core Courses (60 Credits)</b>					
1151EC302	Digital Electronics Laboratory	1	7	C	Nov.2020
1151EC307	Signals and Systems Laboratory	1	7	C	Nov.2020
1151EC301	Analog Integrated Circuits Laboratory	2	6	D	May.2021
1151EC303	Microprocessor and Microcontroller Laboratory	1	9	A	May.2021
1151EC103	Analog Electronics	3	6	D	Nov.2021
1151EC106	Analog and Digital Control Systems	3	6	D	Nov.2021
1151EC110	Microprocessor and Microcontroller	3	6	D	Nov.2021
1151EC111	Data Communication Networks	3	7	C	Nov.2021
1151EC112	Discrete Time Signal Processing	3	8	B	Nov.2021
1151EC115	VLSI Design	3	6	D	Nov.2021
1151EC305	Communication Laboratory	1	7	C	Nov.2021
1151EC116	Optical and Microwave Engineering	3	6	D	May.2022
1151EC217	Embedded OS and Device Drivers	4	6	D	May.2022
1151EC306	Optical and Microwave Engineering Laboratory	1	8	B	May.2022
1151EC104	Digital Electronics	3	6	D	Nov.2022
1151EC107	Signals and Systems	3	6	D	Nov.2022
1151EC109	Analog Communication Systems	3	8	B	Nov.2022
1151EC114	Waveguides and Antennas	3	6	D	Nov.2022
1151EC101	Mathematics for Electronics and Communication Engineers	3	7	C	May.2023
1151EC102	Electric Circuit Analysis	3	6	D	May.2023
1151EC105	Linear Integrated Circuits	3	7	C	May.2023
1151EC108	Electromagnetic Fields	3	7	C	May.2023
1151EC113	Wireless Digital Communication	4	7	C	May.2023
<b>Programme Electives (18 Credits)</b>					
1152EC235	Digital Image Processing	3	8	B	Nov.2021



<b>Date of Birth</b>	21-Sep-2000	<b>Gender</b>	Male
<b>Month &amp; Year of Enrolment</b>	June 2019	<b>Month &amp; Year of Last Examination</b>	May 2023
<b>Total Credits Required</b>	180	<b>Regulation</b>	VTUR15
<b>Total Credits Earned</b>	180	<b>Minimum Duration in Years</b>	Four



Course Code	Course Name	Credits	Grade Points	Grade	YoP
1152EC133	DSP Algorithms and Architecture	3	6	D	May.2022
1152EC147	Fiber Lasers and Applications	3	7	C	May.2022
1152EC259	Fundamentals of Machine Learning	3	7	C	May.2022
1152EC238	Reconfigurable Computing with FPGA	3	8	B	Nov.2022
1152EC103	Silicon Validation	3	6	D	May.2023
<b>Allied Electives (6 Credits)</b>					
1153CS108	Programming in Java	3	6	D	May.2021
1153IT111	Operating Systems	3	8	B	May.2023
<b>Institute Electives (10 Credits)</b>					
1154AU104	Automobile Engineering	3	7	C	May.2022
1154ME101	Integrated Product Development	3	9	A	Nov.2022
1154AU102	Automotive Electrical and Electronics	3	8	B	May.2023
1154GE301	Digital Nurture 2.0	1	8	B	May.2023
<b>Value Education Electives (4 Credits)</b>					
1155CS102	Computer Ethics	1	7	C	May.2022
1155EC103	Stress Relief for Anxious Mind	1	7	C	May.2022
1155EC101	Ethics in Engineering	1	9	A	May.2023
1155EC102	Human Values for Engineers	1	9	A	May.2023
<b>Independent Learning (20 Credits)</b>					
1156EC502	Technical Challenges in RF and Microwave System Design	1	10	S	May.2022
1156EC601	Minor Project	4	9	A	Nov.2022
1156EC451	Operating System and You: Becoming a Power User	2	10	S	May.2023
1156EC503	Contemporary Challenges and Solutions for Wireless Networking	1	9	A	May.2023
1156EC701	Major Project	12	7	C	May.2023
<b>Industry/Higher Institute Learning Interaction (2 Credits)</b>					
1157EC960	Smart Grid Communication Security	1	6	D	May.2022
1157EC970	Machine Learning and Deep Learning	1	6	D	May.2023



**Complementary Skill Courses (Non Credit)**

- Group -I
  - Aptitude Skills - I
  - Aptitude Skills - II
  - English Proficiency Certification
  - Soft Skills - I
  - Soft Skills - II
- Group -II
  - Extra Curricular Activities
- Group -III
  - Co-Curricular Activities



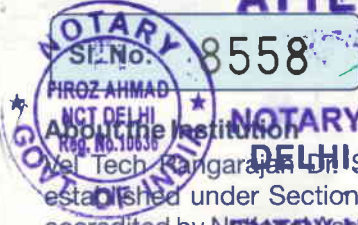
**CONTROLLER OF EXAMINATIONS**

YoP : Year of Passing

This grade card bears no correction.

Date : 08-Aug-2023

**ATTESTED**



**NOTARY PUBLIC DELHI (INDIA)**

**DEGREE SUPPLEMENT**

Government Institute of Technology, Deemed to be University, established under Section 3 of University Grants Commission (UGC) Act 1956 of Government of India and accredited by National Assessment and Accreditation Council (NAAC). The programme is approved by All India Council of Technical Education (AICTE) and accredited by National Board of Accreditation (NBA).

**Programme Eligibility**

The eligibility for admission to the programme as a regular student is after the successful completion of 12 years of school education and as a lateral entry student is after the successful completion of 10 years of school education and 3 years of appropriate diploma.

The minimum duration of the programme for regular students is four years (eight semesters) and for lateral entry students is three years (six semesters). Each semester consists of minimum 90 instructional days of course delivery. The medium of instruction and examination is English.

**Programme Structure**

The programme structure consists of nine categories of courses - namely, Foundation, Programme Core, Programme Electives, Institute Electives, Value Education Electives, Independent Learning, Industry Higher Learning Institute Interaction and non credit Complementary Skill Courses (mandatory).

**Degree Requirements**

For the successful completion of the programme, a regular student must earn 180 credits and for lateral entry student 135 credits, after fulfilling the minimum requirement in each category of the courses. One credit is equivalent to one contact hour of lecture work per week.

**Grading System**

The grade points and letter grades are awarded according to the grading system shown below.

RANGE OF MARKS	Grade
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
50 - 59	E

**Calculation of CGPA**

The Cumulative Grade Point Average is calculated as follows:

**CGPA**

where  $C_i$  denotes the credit earned in the  $i^{th}$  semester and  $G_i$  is the grade points secured by a student in all the semesters and  $G_i$  is the grade points secured by a student in

**Award of Division**

**OVERALL PERCENTAGE = (CGPA - 0.5) x 10**

CGPA NOMINATIONS	DIVISION
$6 \leq CGPA < 6.5$	Second Class
$6.5 \leq CGPA < 8$	First Class
$CGPA \geq 8$	First Class with Distinction*

\* Applicable to candidates who have passed the Foundation and Programme Core courses prescribed for the programme in the first appearance as per the regulation; otherwise they are eligible for First / Second Class classification only.

This consolidated grade statement contains the credits, grades and grade points obtained by the candidate and is issued after the successful completion of the degree programme.

**Prepared by**

**Verified by**

Signature

Name

*Amo Han*  
Amo Han

*Sas: Kumar P*  
Sas: Kumar P

