



Vel Tech

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

**OFFICIAL TRANSCRIPT
PROVISIONAL**

Date: 03-Apr-2021

Ref No:VT/COE/E1/3998

This is to certify that the below mentioned prescribed courses have been attended by **DIPRANJAN GUPTA (VtU10838)** for his / her B.Tech. (Aeronautical Engineering) degree from Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai. The credits earned and grade obtained are mentioned against each course with month and year of registration and passing the examination.

Registration Number : 17UEAE0013		Month & Year of Registration : Jun 2017			
Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1150CE101	Basic Civil Engineering	2	8	B	Dec.2017
1150EN201	Technical English	3	7	C	Dec.2017
1150GE205	Introduction to Engineering	3	9	A	Dec.2017
1150MA202	Engineering Mathematics - I	4	9	A	Dec.2017
1150ME101	Basic Mechanical Engineering	2	8	B	Dec.2017
1150ME202	Engineering Graphics	4	8	B	Dec.2017
1150PH101	Engineering Physics	3	9	A	Dec.2017
1150PH302	Engineering Physics Laboratory	1	8	B	Dec.2017
Credits Earned		22			

Registrar

Prof. Dr. E. Kannan
Registrar

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Controller of Examinations

Dr. R. Sivaraman
Controller of Examinations



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Registration Number : 17UEAE0013		Month & Year of Registration : Dec 2017			
Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1150CH101	Engineering Chemistry	3	8	B	Apr.2018
1150CH302	Engineering Chemistry Laboratory	1	9	A	Apr.2018
1150CS201	Problem Solving using C	3	7	C	Apr.2018
1150EC101	Basic Electronics Engineering	2	7	C	Apr.2018
1150EE101	Basic Electrical Engineering	2	8	B	Apr.2018
1150EE302	Basic Electrical and Electronics Engineering Laboratory	1	9	A	Apr.2018
1150EN102	Technical Communication	3	8	B	Apr.2018
1150GE101	Biology for Engineers	2	8	B	Apr.2018
1150MA103	Engineering Mathematics - II	4	7	C	Apr.2018
1150ME103	Engineering Materials	2	9	A	Apr.2018
Credits Earned		23			

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Dr. R. Divakaran
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Registration Number : 17UEAE0013			Month & Year of Registration : Jun 2018		
Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1150MA104	Transforms and Partial Differential Equations	3	7	C	Nov.2018
1151AE101	Introduction to Aerospace Engineering	2	8	B	Nov.2018
1151AE102	Engineering Mechanics	3	7	C	Nov.2018
1151AE103	Strength of Materials	3	6	D	Nov.2018
1151AE104	Fluid Mechanics	3	7	C	Nov.2018
1151AE105	Aero Engineering Thermodynamics	3	7	C	Nov.2018
1151AE319	Strength of Materials Laboratory	1	7	C	Nov.2018
1151AE320	Thermodynamics Laboratory	1	8	B	May.2019
1151AE321	Fluid Mechanics Laboratory	1	9	A	Nov.2018
1152AE128	Lighter than Air Systems	3	6	D	Nov.2018
1154EC103	Industrial Automation	3	8	B	Nov.2018
1155MM101	Media Literacy	1	9	A	Nov.2018
1156AE501	Technical Seminar - I	1	8	B	Nov.2018
1157AE905	Introduction to Aerospace Navigation	1	10	S	Nov.2018
1157ME920	Basics of Automotive Engineering	2	7	C	Nov.2018
Credits Earned		31			

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Registration Number : 17UEAE0013		Month & Year of Registration : Dec 2018			
Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1150CH103	Environmental Studies	3	8	B	May.2019
1150MG101	Project Management and Finance	3	6	D	May.2019
1151AE106	Linear System Analysis and Control	3	6	D	Jul.2019
1151AE107	Incompressible Flow Aerodynamics	3	7	C	May.2019
1151AE108	Aircraft Gas Turbine Propulsion	3	6	D	May.2019
1151AE213	Numerical Methods using MATLAB	3	9	A	May.2019
1151AE215	Aircraft Structural Mechanics	3	6	D	May.2019
1151AE322	Aerodynamics Laboratory	1	8	B	May.2019
1151AE323	Propulsion Laboratory	1	9	A	May.2019
1152AE246	Aircraft Component Design	3	9	A	May.2019
1156AE502	Technical Seminar - II	1	7	C	May.2019
1157AE910	Introduction to Multiphysics	1	7	C	May.2019
Credits Earned		28			

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Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1151AE109	Airplane Performance	3	7	C	Nov.2019
1151AE110	Compressible Flow Aerodynamics	3	8	B	Nov.2019
1151AE111	Rocket and Space Propulsion	3	7	C	Nov.2019
1151AE214	Aircraft Systems and Instruments	2	9	A	Nov.2019
1151AE216	Aircraft Structural Analysis	3	7	C	Feb.2020
1152AE112	Composite Materials and Structures	3	8	B	Nov.2019
1152AE213	Computational Fluid Dynamics	3	10	S	Nov.2019
1153ME104	Composite Materials and Polymers	3	8	B	Nov.2019
1154IT203	C++ Programming Fundamentals	3	8	B	Nov.2019
1156AE601	Aircraft Design Project - I	2	8	B	Nov.2019
1158GE902	Soft Skills - II	-	7	C	Nov.2019
1158GE904	Aptitude Skills - II	-	6	D	Nov.2019
Credits Earned		28			

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Registration Number : 17UEAE0013		Month & Year of Registration : Dec 2019			
Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1150GE102	Design Thinking	3	10	S	May.2020
1150MA201	Applied Statistics	3	8	B	May.2020
1151AE112	Airplane Stability and Control	3	9	A	May.2020
1151AE325	Flight Mechanics and Control Laboratory	1	9	A	May.2020
1152AE117	Experimental Aerodynamics	3	9	A	May.2020
1152AE125	Hypersonic Aerodynamics	3	10	S	May.2020
1154GE405	IT Project Management	1	10	S	May.2020
1154GE418	AI for Everyone	1	10	S	May.2020
1154GE420	Python Data Structures	2	10	S	May.2020
1155CS102	Computer Ethics	1	10	S	May.2020
1155GE919	Data Science Ethics	2	10	S	May.2020
1155GE920	Moralities of Everyday Life	2	10	S	May.2020
1156AE602	Mini Project (Aircraft Design) - II	2	9	A	May.2020
Credits Earned		27			

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Course Code	Course Title	Credits Earned	Grade Points	Letter Grade	Month & Year of Passing
1151AE217	Avionics	3	8	B	Nov.2020
1151AE218	Computational Methods for Aeronautical Engineering	4	8	B	Nov.2020
1153AU101	IC Engines	3	9	A	Nov.2020
1154IT301	Object Oriented Programming Laboratory	1	9	A	Nov.2020
1155MA101	Vedic Mathematics	1	7	C	Nov.2020
1156AE441	Introduction to Machine Learning	2	10	S	Nov.2020
Credits Earned		14			

Total Credits Earned: 173
(Since Dec.2017)

CGPA : 8.01


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Note : As per the Academic Regulations for B.Tech. Programmes VTUR15, the above mentioned CGPA has been calculated by excluding Not Eligible / Not Successful courses in the electives category (Clause: 7.2.3 to 7.2.9).

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