

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

School of Mechanical and Construction

Department of Aeronautical Engineering

B.Tech Aeronautical Engineering - Winter (2019-20) - Online Class (from 6th Apr 2020)

	Batch 2017-18				Batch 2018-19			IE/AE			
D.O H.r	07.45am - 08.35am	08.45am - 09.35am	09.45am - 10.35am	10.45am - 11.35am	11.45am - 12.35pm	12.45pm - 01.35pm	01.45pm - 02.35pm	02.45pm - 03.35pm	03.45pm - 04.35pm	04.45pm - 05.35pm	
Monday		NMM	NMM								
		Dr. V/ R.S	Dr. V/ R.S								
Tuesday			PE1		IFA		ASM				
			GS/CR/MS/GB/TK		RN/AN		JVS/EG				
					FM		EM (GB)				
			PE3				AVI				
Wednesday			PE2		ASM		AGTP				
			GG/BK/MS/JVS/CR		JVS/EG		GK/BK			AM:AE	
			PE2				CMAE				
			GG/BK/MS/JVS/CR								
Thursday			LSA/ASI		IFA		SM (EG)				
					RN/AN						
					FM						
			ASC								
FRIDAY			LSA		AGTP						
					GK/BK						
					AETD (CR) 1003		IAE				
			RSP		CMAE						

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Saturday			AE		ITAVI		ANGC			
			GB		TK		SS			
Sunday			ASM		IUAS		EDC			
			GB		SS		GB			

B. Tech - Aero

Category	S.No	Course Code	Course Name	L	T	P	C	TTS	Offering Faculty
Programme Core	1	1151AE101	Introduction to Aerospace Engineering	2	0	0	2	TTS2935	Mr.A.Adaikalaraj
	2	1151AE102	Engineering Mechanics	2	2	0	3	TTS1227	Mr.G.Boopathy
	3	1151AE103	Strength of Materials	2	2	0	3	TTS2282	Ms. S.Nithya
	4	1151AE104	Fluid Mechanics	2	2	0	3	TTS2276	Mr.Saleem.M
	5	1151AE105	Aero Engineering Thermodynamics	2	2	0	3	TTS2537	Mr.Rakesh Kumar.C
	6	1151AE215	Aircraft Structural Mechanics	1	2	2	3	TTS2282	Mr.E.Gopi
	7	1151AE215	Aircraft Structural Mechanics	1	2	2	3	TTS2804	Dr.J.V. Sai Prasanna Kumar
	8	1151AE107	Incompressible Flow Aerodynamics	3	0	0	3	TTS2696	Dr.Naren Shankar.R
	9	1151AE107	Incompressible Flow Aerodynamics	3	0	0	3	TTS2936	Mr. T. Kumaran
	10	1151AE108	Aircraft Gas Turbine Propulsion	2	2	0	3	TTS1983	Mr.KANNAN.G
	11	1151AE108	Aircraft Gas Turbine Propulsion	2	2	0	3	TTS2875	Mr.KIRUBADURAI.B
	12	1151AE106	Linear system Analysis and control	3	0	0	3	TTS1985	Mr. Suthagar
	13	1151AE214	Aircraft systems and Instruments	1	0	2	2	TTS2274	Mr. G. Surendar
	14	1151AE213	Numerical Methods using MATLAB	2	0	2	3	TTS2792	Dr.G.M. Vijayalakshmi
	15	1151AE213	Numerical Methods using MATLAB	2	0	2	3	TTS1501	Mr. R. Suresh
	16	1151AE217	Avionics	2	0	2	3	TTS2274	Mr. G. Surendar
	17	1151AE324	Aero Engine Maintenance and Structural Repair Laboratory	0	0	2	1	TTS2935	Mr.A.Adaikalaraj
	18	1151AE325	Flight Mechanics and Control Laboratory	0	0	2	1	TTS1227	Mr.G.Boopathy
	19	1151AE112	Airplane Stability and Control	3	0	0	3	TTS2936	Mr. T. Kumaran
	20	1151AE325	Flight Mechanics and Control Laboratory	0	0	2	1	TTS2876	Mr. G. Gowtham
	21	1151AE112	Airplane Stability and Control	3	0	0	3	TTS2876	Mr. G. Gowtham
	22	1151AE218	Computational Methods for Aeronautical Engineering	2	2	2	4	TTS2935	Mr.A.Adaikalaraj
			Rocket and Space Propulsion	3	0	0	3	TTS2936	Ms. S.Nithya
23	1151AE218	Computational Methods for Aeronautical Engineering	2	2	2	4	TTS2276	Mr.Saleem.M	
Programme Elective 1	24	1152AE249	Unmanned Systems	2	0	2	3	TTS2274	Mr. G. Surendar
	25	1152AE116	Electric Propulsion	3	0	0	3	TTS2537	Mr.Rakesh Kumar.C
	26	1152AE110	Boundary Layer Theory	3	0	0	3	TTS2875	Mr.KIRUBADURAI.B
	27	1152AE118	Experimental Stress Analysis	3	0	0	3	TTS1227	Mr.G.Boopathy
	28	1152AE105	Aircraft General Engineering and System	3	0	0	3	TTS2936	Mr. T. Kumaran

			Maintenance						
Programme Elective 2	33	1152AE135	Spaceflight Mechanics	3	0	0	3	TTS2876	Mr. G. Gowtham
	34	1152AE132	Propeller Theory	3	0	0	3	TTS2936	Ms. S.Nithya
	35	1152AE117	Experimental Aerodynamics	3	0	0	3	TTS2276	Mr.Saleem.M
	36	1152AE254	Material Characterization	2	0	2	3	TTS2804	Dr.J.V. Sai Prasanna Kumar
	37	1152AE109	Aviation Safety Management	3	0	0	3	TTS2537	Mr.Rakesh Kumar.C
Programme Elective 3	39	1152AE155	High Speed Jet Flows	3	0	0	3	TTS1983	Mr.KANNAN.G
	40	1152AE125	Hypersonic Aerodynamics	3	0	0	3	TTS2696	Dr.Naren Shankar.R
	41	1152AE138	Theory of Vibrations	3	0	0	3	TTS2935	Mr.A.Adaikalaraj
	42	1152AE103	Air Transportation and Aircraft Maintenance	3	0	0	3	TTS2282	Mr.E.Gopi
Allied Elective	43	1153AE108	Additive Manufacturing	3	0	0	3	TTS1563	Mr. Syed Riyaz Ahamed
Institute Elective	44	1152AE219	Smart Vehicles : IoT	4	0	4	6	TTS2537	Mr.Rakesh Kumar.C
								TTS2875	Mr.KIRUBADURAI.B
								TTS1495	Mr. P. Sivaraj
								TTS2026	Mr. S. Vinoth John Prakash
	45	1154AE114	Micro Electro Mechanical Systems	3	0	0	3	TTS1563	Mr. Syed Riyaz Ahamed
Independent Learning	46	1156AE502	Technical Seminar – II			1	1	TTS2875	Mr.KIRUBADURAI.B
	47	1156AE501	Technical Seminar – I			1	1	TTS2537	Mr.Rakesh Kumar.C
	48	1156AE429	Design Thinking: Prototyping and User Testing				2	TTS2936	Mr. T. Kumaran
	49	1156AE430	Multi-Object Tracking for Automotive Systems				2	TTS2936	Mr. T. Kumaran
	50	1156AE431	Solar Energy: Integration of Photovoltaic Systems in Microgrids				2	TTS2936	Mr. T. Kumaran
	51	1156AE432	The Iterative Innovation Process				2	TTS2936	Mr. T. Kumaran
	52	1156AE433	Hybrid Vehicles				2	TTS2936	Mr. T. Kumaran
	53	1156AE434	Electric and Conventional Vehicles				2	TTS2936	Mr. T. Kumaran
	54	1156AE435	Sensor Fusion and Non-linear Filtering for Automotive Systems				2	TTS2936	Mr. T. Kumaran
	55	1156AE601	Aircraft design Project – I			4	2	TTS2274	Mr. G. Surendar
	56	1156AE602	Aircraft design Project – II			4	2	TTS2274	Mr. G. Surendar
	57	1156AE701	Major Project			24	12	TTS1983	Mr.G.Kannan

M. Tech - Aero

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Programme Core	1	2161AE114	Aircraft Engineering	2	0	0	2	TTS1227	Mr. G.Boopathy
	2	2161AE102	Introduction to Avionics	3	0	0	3	TTS2936	Mr. T.Kumaran
	3	2161AE117	Aircraft Structural Mechanics	4	0	0	4	TTS1227	Mr. G.Boopathy
	4	2161AE112	Electronic Devices and Circuits	2	0	0	2	TTS1227	Mr. G.Boopathy
	5	2161AE113	Aircraft Navigation, Guidance and Control	3	0	0	3	TTS2991	Mr. S.Suthagar
	6	2161AE118	Introduction to Unmanned Aircraft Systems	2	0	0	2	TTS2991	Mr. S.Suthagar
	7	2161AE305	Computer Aided Engineering Lab	0	0	2	1	TTS2876	Mr. G.Gowtham