

Avionics

Indian Institute of Space Science and Technology
Thiruvananthapuram - 695 547
Class Time Table for I Semester PG Programme
Odd Semester Aug-Nov 2026-27
Department of Avionics

Period Time	1 09:00-09:50	2 10:00-10:50	3 11:00-11:50	4 12:00-12:50	12:50-13:45	5 13:45-14:35	14:45-17:15
Mon	A	F	E	D	L U N C H	H	W
Tue	B	A	F	E		G	X
Wed	C	B	A	F		G	P SEMINAR
Thu	D	C	B	A		G	Y
Fri	E	D	C	B		H	Z

P-slot timing: 16:30 – 18:00

M Tech Control Systems				
Course Code	Credits	Slot	Course Title	Faculty
MA619	4	A	Advanced Mathematics	Dr. Kaushik Mukherjee, Dr. K Sakthivel
AVC868	3	B (Tu,W,F)	Advanced Sensors and Interface Electronics (Elective)	Dr. Anoop C S
AVC611	3	C	Linear Systems and Control	Dr. N Selvaganesan
AVC865	3	D	Modelling of Launch Vehicle Dynamics (Elective)	Dr. Priyadarshnam
	3	D	Guidance and Control of UAV (Elective)	Dr. Rajesh Joseph Abraham
AVC612	3	E	Non-linear Dynamical Systems and Control	Dr. Harsha Simha
MA629	3	F	Machine Learning	Dr. S Sumitra
AVC631	1	W	Control System Design Lab	Dr. Harsha Simha
		P	Career guidance and placement related activities	Placement Cell

M Tech RF and Microwave Engineering				
Course Code	Credits	Slot	Course Title	Faculty
AVR613	3	A	Microwave Semiconductor Devices	Dr. Sooraj
AVR612	3	B	Microwave Circuits and Systems	Dr. Chinmoy Saha
MA615	3	C	Advanced Engineering Mathematics	Dr. Sarvesh Kumar, Dr. Kaushik Mukherjee
AVR611	3	D	Advanced Electromagnetic Engineering	Dr. Basudeb Ghosh
AVD611	3	F	Modern Signal Processing	Dr. Chris Prema
AVR631	1	Z	Microwave Circuit Laboratory	Dr. Chinmoy Saha
		P	Career guidance and placement related activities	Placement Cell

M Tech VLSI and Microsystems				
Course Code	Credits	Slot	Course Title	Faculty
AVM613	3	A (M,Tu,W)	Analog VLSI Circuits	Dr. Immanuel Raja
AVC868	3	B (Tu,W,F)	Advanced Sensors and Interface Electronics (Elective)	Dr. Anoop C S
AVM851	2	A (Th), B (Th)	Electronic Hardware Design Project	Dr. Anoop C S
AVM614	3	C	Digital VLSI Circuits	Dr. Sheeba Rani
AVM612	3	D	Introduction to MEMS	Dr. Seenaa V
AVM611	3	E	Fundamentals of VLSI Devices	Dr. Palash Kumar Basu
AVD611	3	F	Modern Signal Processing (Elective)	Dr. Chris Prema
AVM631	1	X	VLSI Design Lab	Dr. Sheeba Rani, Dr. Immanuel Raja
		P	Career guidance and placement related activities	Placement Cell

M Tech Digital Signal Processing				
Course Code	Credits	Slot	Course Title	Faculty
MA619	4	A	Advanced Mathematics	Dr. Kaushik Mukherjee, Dr. K Sakthivel
AVHSD001	1	B	Human Values, Professional Ethics and Communication	Dr. Harsha, Dr. Lekshmi, Dr. Ravi, Dr. Shaijumon, Dr. Babitha, Dr. Gigy
AVD883	3	C	Multi-Carrier Communication (Elective)	Dr. Vani Devi
AVD894	3	D	Reinforcement Learning in Practice (Elective)	Dr. Vineeth B S
AVD613	3	E	Machine Learning	Dr. Deepak Mishra
AVD611	3	F	Modern Signal Processing	Dr. Chris Prema
AVD612	2	W	Computational Methods for Signal Processing	Dr. Vineeth B S, Dr. Sheeba Rani
AVD613		Z	Machine Learning (Lab component)	Dr. Deepak Mishra
		P	Career guidance and placement related activities	Placement Cell

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M Tech Power Electronics				
Course Code	Credits	Slot	Course Title	Faculty
MA619	4	A	Advanced Mathematics	Dr. Kaushik Mukherjee, Dr. K Sakthivel
AVP612	3	B	Electronic Systems Design	Dr. Sudarshan Kaarthik
AVP611	3	D	Switched Mode Power Conversion	Dr. Anindya Dasgupta
AVC613	3	F	Control Systems Design	Dr. Anindya Dasgupta
	3	G	PWM Converters and Applications	Dr. Rajeevan P P
AVP632	2	H, Z	Embedded Systems for Power Electronics Lab	Dr. Sudarshan Kaarthik
AVP631	1	W	Advanced Power Electronics Lab – I	Dr. Anindya Dasgupta
		P	Career guidance and placement related activities	Placement Cell

(M) Monday, (Tu) Tuesday, (W) Wednesday, (Th) Thursday, (F) Friday

Lab sessions may start at 13:45 whenever possible.