


भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 तिरुवनंतपुरम / Thiruvananthapuram-695 547
Mid Term Examinations – March 2025

2024 M. Tech / Master of Science Admission - Second Semester (Time: 09.30 am- 11.30 am)

Branch	03.03.2025 (Monday)	04.03.2025 (Tuesday)	05.03.2025 (Wednesday)	06.03.2025 (Thursday)	07.03.2025 (Friday)	08.03.2025 (Saturday)	10.03.2025 (Monday)	11.03.2025 (Tuesday)	12.03.2025 (Wednesday)	13.03.2025 (Thursday)
Machine Learning and Computing	MA624 Advanced Machine Learning	-	MA625 Statistical Models and Analysis	-	MA873 Graphical Models and deep Learning	-	-	-	AVD864 Computer Vision	-
Optical Engineering	PH621 Guided Wave Optics and Optical Communication	PH669 Laser Application	PH623 Optical System Analysis and Design	PH622 Adaptive Optics	MA873 Graphical Models and deep Learning / PH661 Optical Thin Films Science and Technology	-	-	-		-
Quantum Technology	PH721 Cold Atoms and Bose-Einstein Condensates	PH644 Quantum Metrology and Quantum Sensing	PH645 Physics of Information	PH646 Quantum Materials and Devices	PH661 Optical Thin Films Science and Technology	PH643 Quantum Optics and Quantum Communication	-	-	-	-
Materials Science and Technology	AE634 Mechanics of Composite Materials	CHM623 Composites Science and Technology	CHM624 Aerospace Materials	CHM878 Materials and Technologies for Sustainable Energy	CHM868 Advanced Characterization Techniques	CHM621 Processing and Design of Materials	-	-	-	CHM875 Smart and Intelligent Materials
Aerodynamics and Flight Mechanics	AE720 Multidisciplinary Design Optimization	AE721 Boundary Layer Theory	AE624 Fundamentals of Combustion	AE508 Design of Aerospace Mechanisms / AE719 High Temperature Gas Dynamics	AE734 Design and Modelling of Rocket Propulsion	AE715 Computational Methods for Compressible Flows	AE742 Optical and Laser based Combustion Diagnostics	AE614 Flight Dynamics and Control	AVC861 Modelling and Control of Robotic System	-
Thermal and Propulsion				AE719 High Temperature Gas Dynamics		AE625 Computational Fluid Dynamics	AE742 Optical and Laser based Combustion Diagnostics	AE732 Convective Heat Transfer	-	-
Structures and Design	AE634 Mechanics of Composite Materials	AE644 Plasticity and Advanced Deformation Processes	AE756 Advanced Finite Element Method	AE508 Design of Aerospace Mechanisms	AE734 Design and Modelling of Rocket Propulsion / AE646 Composite Manufacturing Technology	AE704 Operations Research / AE625 Computational Fluid Dynamics	AE763 Structural Acoustics and Noise Control	AE762 Smart Materials and Structures / AE645 Additive Manufacturing and Smart Practices	AVC861 Modelling and Control of Robotic System	-
Manufacturing Technology	AE647 Advanced Welding Technology		AE793 Quality Engineering		AE646 Composite Manufacturing Technology	-	AE782 Materials Characterization Techniques	AE645 Additive Manufacturing and Smart Practices	-	-
Control Systems	AVC621 Optimal Control Systems	AVC871 Introduction to Complex Systems	AVC622 Nonlinear Control Systems	AVC863 Adaptive Control	AE734 Design and Modelling of Rocket Propulsion / AVP816 Electronic System Design	AVP621 Control of Electric Drives	-	-	AVC861 Modelling and Control of Robotic System	-

Students without Identity Card will not be allowed to write the Examination. Students have to report the Examination Hall and occupy their seat at least 15 minutes before the commencement of the Examination.

Note: No student will be permitted to enter the examination hall after the commencement of the Examination


 Chairman, Exam Committee
 17.02.2025

Copy to: Director, All Deans, Registrar, All HoDs, Faculty Members, Dy. Registrar (Academics), Students Notice Board.

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Digital Signal Processing	AVC621 Optimal Control Systems	AVC871 Introduction to Complex Systems	AVD621 Estimation and Detection Theory	AVD622 Signal Processing for Communication	MA873 Graphical Models and Deep Learning / AVP816 Electronic System Design	AVM867 VLSI Signal Processing	-	-	AVD864 Computer Vision
Power Electronics	AVC621 Optimal Control Systems		AVM621 Micro/Nano Fabrication Technology	AVC863 Adaptive Control	AVP816 Electronic System Design	AVP621 Control of Electric Drives	AVP818 Soft Switched Converters: Theory and Design	-	-
RF and Microwave Engineering	AVR621 Antenna Theory and Design	AVR622 Computational Methods for Electromagnetics	AVR871 Electromagnetic and Microwave Applications of Metamaterials	AVM862 RF Integrated Circuits	-	-	-	AVR873 Radar Systems	-
VLSI and Microsystems	AVM864 Advanced VLSI Design	-	AVM621 Micro/Nano Fabrication Technology		AVP816 Electronic System Design	AVM867 VLSI Signal Processing	-	-	-
Geoinformatics	ESG721 Machine Learning for Geoinformatics	ESG625 Analysis and Modelling of Geospatial Data	ESG771 Active Remote Sensing: Microwave and LiDAR Remote Sensing	ESG770 Hyperspectral and Thermal Remote Sensing	-	-	-	-	ESG667 Computer Vision and Advanced Image Processing
Earth System Science	ESE661 Planetary Atmospheres	ESE662 Numerical Weather Prediction	ESE663 Planetary Geosciences	ESE667 Boundary Layer Meteorology	ESE672 Atmospheric and Oceanic Instrumentation and Measurement Techniques	-	-	-	-
Astronomy And Astrophysics	ESA621 Structure and Evolution of Stars	ESA622 Galaxies (Structure, Dynamics and Evolution)	ESA623 Cosmology	ESA663 High Energy Astrophysics	-	-	-	-	-

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