

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

(वि. अ. आयोग अधिनियम, 1956 की धारा 3 के अधीन जारी मणिल विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
 तिरुवनन्तपुरम / Thiruvananthapuram

End Semester Examinations – May 2025

2024 M. Tech / Master of Science Admission - Second Semester (Time: 09.30 am- 12.30 pm)

Branch	02.05.2025 (Friday)	05.05.2025 (Monday)	06.05.2025 (Tuesday)	07.05.2025 (Wednesday)	09.05.2025 (Friday)	13.05.2025 (Tuesday)	14.05.2025 (Wednesday)	15.05.2025 (Thursday)	17.05.2025 (Saturday)	19.05.2025 (Monday)
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	PH623 Optical System Analysis and Design	-	PH622 Adaptive Optics	MA873 Graphical Models and deep Learning/ PH661 Optical Thin Films Science and Technology	-	PH669 Laser Application		-	-
Quantum Technology	PH721 Cold Atoms and Bose-Einstein Condensates	PH644 Quantum Metrology and Quantum Sensing	-	PH646 Quantum Materials and Devices	PH661 Optical Thin Films Science and Technology	PH643 Quantum Optics and Quantum Communication	-		PH645 Physics of Information	-
Materials Science and Technology	AE634 Mechanics of Composite Materials	CHM623 Composites Science and Technology	-	CHM878 Materials and Technologies for Sustainable Energy	CHM621 Processing and Design of Materials	CHM624 Aerospace Materials	-	CHM875 Smart and Intelligent Materials	-	CHM868 Advanced Characterization Techniques
Aerodynamics and Flight Mechanics	AE720 Multidisciplinary Design Optimization	AE742 Optical and Laser based Combustion Diagnostics	-	AE508 Design of Aerospace Mechanisms / AE719 High Temperature Gas Dynamics	AE614 Flight Dynamics and Control	AE721 Boundary Layer Theory	-	AVC861 Modelling and Control of Robotic System	AE734 Design and Modelling of Rocket Propulsion	AE715 Computational Methods for Compressible Flows
Thermal and Propulsion		AE742 Optical and Laser based Combustion Diagnostics	-	AE719 High Temperature Gas Dynamics	AE625 Computational Fluid Dynamics		-	AE624 Fundamentals of Combustion		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	AE704 Operations Research / AE625 Computational Fluid Dynamics	AE763 Structural Acoustics and Noise Control	AE762 Smart Materials and Structures	AVC861 Modelling and Control of Robotic System/ AE645 Additive Manufacturing and Smart Practices	AE734 Design and Modelling of Rocket Propulsion	AE646 Composite Manufacturing Technology
Manufacturing Technology	AE647 Advanced Welding Technology				AE793 Quality Engineering	AE782 Materials Characterization Techniques	-	AE645 Additive Manufacturing and Smart Practices	-	AE646 Composite Manufacturing Technology
Control Systems	AVC621 Optimal Control Systems	-	AVC871 Introduction to Complex Systems	AVC863 Adaptive Control	AVP621 Control of Electric Drives	AVC622 Nonlinear Control Systems	-	AVC861 Modelling and Control of Robotic System	AE734 Design and Modelling of Rocket Propulsion	AVP816 Electronic System Design

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
 28.03.2025

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

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