

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

(वि. अ. आयोग अधिनियम, 1956 की धारा 3 के अधीन स्वीकृत विश्वविद्यालय घोषित)

(Declared as Deemed to be University under Section 3 of the UGC Act, 1956)

तिरुवनंतपुरम / Thiruvananthapuram

End Semester Examination – June 2023

B.Tech. Second Semester – 2022 Admission

(Common to - B.Tech. Aerospace Engineering, Electronics & Communication Engineering
(Avionics) and Engineering Physics)

Time: 09.30 am – 12.30 pm

Date & Day	Course Code	Course Name
30.06.2023 (Friday)	MA121	Vector Calculus and Ordinary Differential Equations
03.07.2023 (Monday)	PH121	Physics II
05.07.2023 (Wednesday)	CH121	Materials Science and Metallurgy
07.07.2023 (Friday)	AV121	Data Structures and Algorithms
10.07.2023 (Monday)	AV122	Basic Electrical and Electronics Engineering

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.

All the students are informed to maintain safe distance, wear your mask properly and wash your hands frequently.

No student will be permitted to enter the Examination Hall after the Commencement of the Examination.


Chairman, Exam Committee
06.06.2023

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

Department of Space, Government of India
तिरुवनंतपुरम - Thiruvananthapuram - 695 047

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

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

तिरुवनंतपुरम / Thiruvananthapuram

End Semester Examination May 2023

B.Tech Fourth Semester - 2021 Admission

Time: 09.30am – 12.30pm

Date & Day	B.Tech. Aerospace Engineering	B.Tech. Electronics & Communication Engineering (Avionics)	B.Tech. Engineering Physics
01.05.2023 (Monday)	MA221 Integral Transforms; PDE and Calculus of Variations		
03.05.2023 (Wednesday)	AE222 Heat Transfer	AV222 Instrumentation and Measurement	
08.05.2023 (Monday)	AE224 Machining Science and Technology	AV223 Signals and Systems	
10.05.2023 (Wednesday)	AE221 Aerodynamics	AV221 Digital Electronics and VLSI Design	PH222 Quantum Mechanics
12.05.2023 (Friday)	HS221 Introduction to Social Science and Ethics	HS222 Introduction to Economics	HS221 Introduction to Social Science and Ethics
15.05.2023 (Monday)	AE223 Applied Dynamics and Vibration	AV224 Control System	PH221 Modern Optics
17.05.2023 (Wednesday)	-	-	AE225 Fluid Dynamics

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प्र. चंद्रशेखर/A. CHANDRASEKAR
उत्कृष्ट आचार्य, पृथ्वी एवं अंतरिक्ष विज्ञान
Outstanding Professor, Dept. of Earth and Space Sciences
डीन/Dean (विशेष एवं सतत शिक्षा/Academics & CE)
भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
03.04.2023
भारत सरकार
Department of Space, Government of India
तिरुवनंतपुरम - 695 022

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

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

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

End Semester Examination May 2023 B.Tech Sixth Semester - 2020 Admission


Time: 09.30am – 12.30pm

Date & Day	B.Tech. Aerospace Engineering	B.Tech. Electronics & Communication Engineering (Avionics)	B.Tech. Engineering Physics
01.05.2023 (Monday)	AE321 Air-Breathing Propulsion	AV323 VLSI Technology	PH321 Introduction to Solid State Physics
03.05.2023 (Wednesday)	HS321 Principles of Management Systems		CH321 Environmental Science and Engineering
04.05.2023 (Thursday)	AE482 High Temperature Gas Dynamics	-	PH361 Quantum Information Theory/ PH474 Atomic & Molecular Spectroscopy
08.05.2023 (Monday)	AE468 Computational Fluid Dynamics	AV322 Power Electronics	PH472 Quantum Many Body Physics
09.05.2023 (Tuesday)	AE480 Boundary Layer Theory / AE471 Convective Heat Transfer	AV477 Radar System	ES323 Astrophysical Concepts
10.05.2023 (Wednesday)	AV466 Estimation and Stochastic Theory/ AVD624 Computer Vision/ AE445 Artificial Intelligence & Robotics / AV490 Deep Learning for Computational Data Science		
11.05.2023 (Thursday)	AVD871 Applied Markov Decision Processes and Reinforcement Learning		
12.05.2023 (Friday)	AE322 Aerospace Structures	AV324 Communication Systems II	-
15.05.2023 (Monday)	AE476 Industrial Engineering	AVM862 RF Integrated Circuits / AE476 Industrial Engineering	AE476 Industrial Engineering
17.05.2023 (Wednesday)	-	AV321 Computer Networks	ES322 Introduction to Earth, Atmosphere and Ocean Sciences

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Note: No student will be permitted to enter the Examination Hall after the commencement of the Examination.


पु. चंद्रशेखर/A. CHANDRASEKHAR
उप-निदेशक, पृथ्वी एवं अंतरिक्ष विज्ञान
Chairman, Dept. of Earth and Space Sciences
उप-निदेशक, प्रौद्योगिकी विभाग/Academics & CE
Exam Committee
03.04.2023
भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
अंतरिक्ष विभाग, भारत सरकार
Ministry of Space, Government of India

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

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 तिरुवनंतपुरम / Thiruvananthapuram-695 547
 End Semester Examination - May 2023
 Dual Degree VIII Semester Programme 2019 Admission

Time: 09.30am – 12.30pm

Branch	01.05.2023 (Monday)	03.05.2023 (Wednesday)	08.05.2023 (Monday)	10.05.2023 (Wednesday)	12.05.2023 (Friday)	15.05.2023 (Monday)
Optical Engineering	PH643 Quantum Optics and Quantum Communication	PH422 Adaptive Optics	PH421 Guided Wave Optics	PH423 Optical System Analysis and Design	-	PH461 Optical Thin Films Science and Technology
Solid State Physics		PH644 Quantum Metrology and Quantum Sensing	PH421 Guided Wave Optics / PH472 Quantum Many Body Physics	PH424 Advanced Statistical Physics	PH425 Computational Physics	
Earth System Science	ESE461 Planetary Atmospheres	ESE462 Numerical Weather Prediction	ESE463 Planetary Geosciences	ESE467 Boundary Layer Meteorology	ESE472 Atmospheric and Oceanic Instrumentation and Measurement Techniques	-
Astronomy and Astrophysics	ESA421 Structure and Evolution of Stars	ESA422 Galaxies (Structure, Dynamics and Evolution)	ESA423 Cosmology	ESA463 High Energy Astrophysics	-	-

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


 R. CHANDRASEKAR
 Associate Professor, Dept. of Earth and Space Sciences
 (Physics and Space Sciences & CE)
 Indian Institute of Space Science and Technology
 Thiruvananthapuram - 695 547
 Chairman, Exam Committee
 03.04.2023

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

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

तिरुवनंतपुरम / Thiruvananthapuram-695 547

End Semester Examination - May 2023

Second Semester M.Tech. programmes (2022 Admission) Time: 09.30am – 12.30pm

Branch	01.05.2023 (Monday)	03.05.2023 (Wednesday)	04.05.2023 (Thursday)	08.05.2023 (Monday)	09.05.2023 (Tuesday)	10.05.2023 (Wednesday)	11.05.2023 (Thursday)	12.05.2023 (Friday)	15.05.2023 (Monday)	17.05.2023 (Wednesday)
Machine Learning and Computing	MA624 Advanced Machine Learning	MA625 Statistical Models and Analysis	-	MA873 Graphical and Deep Learning Models	-	AVD864 Computer Vision	MA872 Advanced Optimization / AVD871 Applied Markov Decision Processes and Reinforcement Learning	-	AVD887 Internet of Things	-
Quantum Technology	PH643 Quantum Optics and Quantum Communication	PH644 Quantum Metrology and Quantum Sensing	PH711 Atomic and Molecular Spectroscopy	PH646 Quantum Material and Devices	-		-	PH645 Physics of Information	-	-
Materials Science and Technology	CHM621 Processing and Design of Materials	CHM623 Composites Science and Technology	-	CHM624 Aerospace Materials	-	CHM877 Electrochemical Energy Storage Systems	-	CHM868 Advanced Characterization Techniques	CHM865 Thin Films and Surface Engineering	-
Aerodynamics and Flight Mechanics	AE614 Flight Dynamics and Control	AE834 Design and Modeling of Rocket Propulsion Systems	AE819 High Temperature Gas Dynamics	AE625 Computational Fluid Dynamics	AE821 Boundary Layer Theory	AE750 Artificial Intelligence & Robotics	-	AE842 Optical and Laser based Combustion Diagnostics	-	AE835 Turbomachines
Thermal and Propulsion	AE624 Fundamentals of Combustion				AE832 Convective Heat Transfer	-	-		-	
Structures and Design	AE634 Mechanics of Composite Materials	AE834 Design and Modeling of Rocket Propulsion Systems / MA625 Statistical Models and Analysis	AE756 Advanced Finite Element Method	CHM624 Aerospace Materials	-	AE750 Artificial Intelligence & Robotics	-	AE762 Smart Materials and Structures	AE704 Operations Research	
Control Systems	AVC621 Optimal Control Systems	AVC622 Nonlinear Control System Design	-	AVC866 Robust Control Systems	-	AVD864 Computer Vision	AVC867 Spacecraft Dynamics and Control/ AVD871 Applied Markov Decision Processes and Reinforcement Learning	AVC863 Adaptive Control	-	
Digital Signal Processing	AVD621 Estimation and Detection Theory	AVD622 Signal Processing for Communications	-	AVD879 Information Theory and Coding	-		AVD871 Applied Markov Decision Processes and Reinforcement Learning	-	AVD887 Internet of Things	-

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Chairman, Exam Committee

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

तिरुवनंतपुरम / Thiruvananthapuram-695 547

End Semester Examination - May 2023

Second Semester M.Tech. / Master of Science programmes (2022 Admission)

Time: 09.30am – 12.30pm

Branch	01.05.2023 (Monday)	03.05.2023 (Wednesday)	08.05.2023 (Monday)	10.05.2023 (Wednesday)	12.05.2023 (Friday)	15.05.2023 (Monday)
Power Electronics	AVP621 Advanced Power Electronics - II	AVP815 Emerging and Selected Topics in Power Electronics	AVP811 Power Electronics in Power Systems	-	AVC863 Adaptive Control	-
RF and Microwave Engineering	AVR621 Antenna Theory and Design	-	AVR871 Electromagnetic and Microwave Application of Metamaterials	AVR622 Computational Methods for Electromagnetics	AVM878 Photonic Integrated Circuit	AVM862 RF Integrated Circuits
VLSI and Microsystems	-	AVM621 Micro/Nano Fabrication Technology	AVD879 Information Theory and Coding	AVM861 Mixed Signal VLSI Design	AVM878 Photonic Integrated Circuit / AVM863 VLSI Digital Signal Processing	AVM862 RF Integrated Circuits
Geoinformatics	ESG625 Analysis and Modelling of Geospatial data	ESG624 Pattern Recognition and Machine Learning	ESG665 Hyperspectral Image Processing and Analysis	ESG667 Computer Vision and Advanced Image Processing	ESG669 Remote Sensing and GIS for Atmospheric Sciences and Ocean Studies	AE704 Operations Research/ ESG666 Satellite based positioning and LIDAR remote sensing
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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 ए. चंद्रशेखर/A. CHANDRASEKHAR
 सहायक प्रोफेसर, पृथ्वी एवं अंतरिक्ष विज्ञान
 Associate Professor, Dept. of Earth and Space Sciences
 प्रौद्योगिकी एवं सतत शिक्षा/Academics & CE)
 Indian Institute of Space Science and Technology
 तिरुवनंतपुरम, भारत सरकार
 Thiruvananthapuram - 695 547

Chairman, Exam Committee

03.04.2023

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तिरुवनंतपुरम / Thiruvananthapuram

Backlog Examination May 2023
2019 B.Tech & 2018 Dual Degree Batch

Time: 09.30am – 12.30pm

Date & Day	Course code & Title
01.05.2023 (Monday)	AE457 Flight Dynamics and Control
	AE413 Optimization Techniques in Engineering
	AV323 VLSI Technology
03.05.2023 (Wednesday)	AV312 Computer Architecture and Organization
	CH121 Materials Science and Metallurgy
	ESE411 Dynamics of Atmosphere
04.05.2023 (Thursday)	AE482 High Temperature Gas Dynamics
	AE473 Finite Element Method
08.05.2023 (Monday)	AE411 Rocket Propulsion
10.05.2023 (Wednesday)	AE412 Aerospace Vehicle Design
	AVD624 Computer Vision
12.05.2023 (Friday)	AE446 Analysis and Synthesis of Mechanisms
15.05.2023 Monday	ID411 Basic Course on Astrobiology
17.05.2023 (Wednesday)	AE493 Two-Phase Flow and Heat Transfer
	AV321 Computer Networks

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प्रमुख/Chairman, पृथ्वी एवं अंतरिक्ष विज्ञान
Department of Earth and Space Science
आ एवं सतत शिक्षा/Academics & CE
Exam Committee एवं प्रौद्योगिकी संस्थान
03.04.2023 Science and Technology

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