## भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान Indian Institute of Space Science and Technology तिरुवनंतपुरम / Thiruvananthapuram

## End Semester Examination - November 2023 Dual Degree Programmes Seventh Semester (2020 Admission)

Time: 09.30 am - 12.30 pm

Branch	29.11.2023 (Wednesday)	01.12.2023 (Friday)	04.12.2023 (Monday)	06.12.2023 (Wednesday)	07.12.2023 (Thursday)	08.12.2023 (Friday)	11.12.2023 (Monday)	13.12.2023 (Wednesday)
Optical Engineering	PH411 Optical Engineering Fundamentals	PH412 Opto Mechanical Design Analysis	PH413 Optical Fabrication and Testing	PH414 Lasers and Optoelectronics	-	PH419 Fourier Optics	-	•
Solid State Physics	PH415 Advanced Solid State Physics	PH417 Semiconductor Physics	PH418 Experimental Physics	AVD613 Machine Learning for Signal Processing / ID412 Introduction to Indian Knowledge Systems	MA835 Nonlinear Dynamics and Methods	PH416 Quantum Mechanics II	-	AVD888 Complex Networks
Astronomy and Astrophysics	ESA411 Astronomical Techniques	ESA412 Radiation Processes in Astrophysics	ESA413 Planetary Sciences	HS461 Science Fiction	ID411 Basic Course on Astrobiology	-	ESA414 Introduction to Programming and Data Handling	-
Earth System Science	ESE411 Dynamics of Atmosphere	ESE412 Physical and Dynamical Oceanography .	ESE413 Earth Resources and Tectonic Systems	ESE414 Radiation Processes in Atmosphere	-	ESE415 Atmospheric Thermodynamics and Cloud Physics	-	-

Students without Identity Card will not be allowed to write the Examinations. 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.

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

Chairman, Exam Committee

03.11.2023

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