

**Indian Institute of Space Science and Technology**  
**Thiruvananthapuram - 695 547**  
**Class Time Table for II Semester PG Programmes**  
**Even Semester Jan - May 2024-2025**  
**Department of Earth and Space Sciences**

| Period Time | 1<br>09:00-09:50 | 2<br>09:55-10:45 | 3<br>11:00-11:50 | 4<br>11:55-12:45 | 5<br>12:45-13:45      | 6<br>13:45-14:35 | 7<br>14:45-15:35 | 8<br>15:40-16:30 | 9<br>16:35-17:25 |
|-------------|------------------|------------------|------------------|------------------|-----------------------|------------------|------------------|------------------|------------------|
| Mon         | A                | F                | E                | D                | L<br>U<br>N<br>C<br>H | V                |                  |                  |                  |
| Tue         | B                | A                | F                | E                |                       | H*               | W                |                  |                  |
| Wed         | C                | B                | A                | F                |                       | H*               | X (SEMINAR)      |                  |                  |
| Thu         | D                | C                | B                | A                |                       | H*               | Y                |                  |                  |
| Fri         | E                | D                | C                | B                |                       | Z                |                  |                  |                  |

\* M.Tech Geoinformatics only

| Master of Science in Astronomy and Astrophysics |      |                                              |                                     |
|-------------------------------------------------|------|----------------------------------------------|-------------------------------------|
| Course Code                                     | Slot | Course Title                                 | Faculty                             |
| ESA623                                          | A    | Cosmology                                    | Dr. Anand Narayanan                 |
| ESA621                                          | B    | Structure and Evolution of Stars             | Dr. Jagadheep D.                    |
| ESA622                                          | C    | Galaxies (Structure, Dynamics and Evolution) | Dr. Ananmayee Tej, Dr. Samir Mandal |
| ESA663                                          | D    | High Energy Astrophysics                     | Dr. Resmi L.                        |
| ESA641                                          | V    | Observational Astronomy Lab                  |                                     |

| M.Tech. Earth System Sciences |      |                                                                    |                                      |
|-------------------------------|------|--------------------------------------------------------------------|--------------------------------------|
| Course Code                   | Slot | Course Title                                                       | Faculty                              |
| ESE662                        | A    | Numerical Weather Prediction                                       | Dr. A. Chandrasekar                  |
| ESE672                        | B    | Atmospheric and Oceanic Instrumentation and Measurement Techniques | Dr. P. R. Sinha                      |
| ESE667                        | C    | Boundary Layer Meteorology                                         | Dr. Govindan Kutty                   |
| ESE661                        | E    | Planetary Atmospheres                                              | Dr. Govindan Kutty                   |
| ESE663                        | F    | Planetary Geosciences                                              | Dr. V. J. Rajesh                     |
| ESE641                        | Y    | Elective Lab - I                                                   | Dr. A. Chandrasekar, Dr. P. R. Sinha |
| ESE642                        | Z    | Elective Lab II                                                    | Dr. V. J. Rajesh                     |

| M.Tech. Geoinformatics |      |                                               |                                                        |
|------------------------|------|-----------------------------------------------|--------------------------------------------------------|
| Course Code            | Slot | Course Title                                  | Faculty                                                |
| ESG721                 | A    | Machine Learning for Geoinformatics           | Dr. A. M. Ramiya                                       |
| ESG625                 | C    | Analysis and Modelling of Geospatial Data     | Dr. Gnanappazham L.                                    |
| ESG771                 | E    | Active Remote Sensing: Microwave and LIDAR RS | Dr. Gnanappazham L., Dr. A. M. Ramiya                  |
| ESG770                 | F    | Hyperspectral and Thermal Remote Sensing      | Dr. Rama Rao N.                                        |
| ESG667                 | H    | Computer Vision and Advanced Image Processing | Dr. Deepak Mishra                                      |
| ESG04                  |      | Institute Elective or ONLINE course           |                                                        |
| ESG644                 | V    | Analysis and Modelling of Geospatial Data Lab | Dr. Gnanappazham L.                                    |
| ESG643                 | W    | Machine Learning Lab                          | Dr. A. M. Ramiya                                       |
|                        | Y    | Elective Lab 2                                | Dr. Gnanappazham L., Dr. Rama Rao N., Dr. A. M. Ramiya |
|                        | Z    | Elective Lab 3                                | Dr. Rama Rao N., Dr. Deepak Mishra                     |