



**Government of India**  
**Department of Space**  
**Indian Space Research Organisation (ISRO)**  
**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**

**iirs**

**Tentative Annual Course Calendar, IIRS Distance Learning Programme – 2026**

S. N.	Couse No	Title	Tentative Dates & Timings	Duration	Type	Domain	Course Director/Coordinator
<b>January, 2026</b>							
1.	1053	ब्रह्मांड की उत्पत्ति सौर मंडल की खोज	January 09, 2026	1 Day	Workshop	Space Science	Dr. Harish Chandra Karnatak/Dr. Poonam S. Tiwari
2.	SYM-01	Overview of Space Science	by AICTE (Through SWAYAM portal)	4 Weeks (Open)	MOOC	Space Science	Dr. Poonam S. Tiwari
3.	SYM-02	Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System.	by AICTE (Through SWAYAM portal)	13 Weeks (Open)	MOOC	Remote Sensing and GIS	Dr. Poonam S. Tiwari
<b>February, 2026</b>							
4.	176	Geodata Processing using Python and Machine Learning	February 09-20, 2026	2 Weeks	Live & Interactive Course	Advances in GIS	Dr. Harish Chandra Karnatak/ Mr. Ravi Bhandari
<b>March, 2026</b>							
5.	177	Scientific Observations from Space (START Programme -2026)	March 02-April 03, 2026	5 weeks	Live & Interactive Course	Space Science	SPO ISRO HQ
<b>April, 2026</b>							
6.	178	Geospatial Information, Mapping Standards, and Spatial Analytics framework for Master Plan formulation.	April 06-17, 2026	2 Weeks	Live & Interactive Course	Thematic Application – Urban Planning	Dr. Sandeep Maithani/ Dr. Kshama Gupta
7.	179	3D Modelling : Tools and Techniques	April 20 –May 01, 2026	2 Weeks	Live & Interactive Course	Advanced Photogrammetry and Remote Sensing	Dr. Poonam S. Tiwari/ Dr. Hina Pande
<b>May, 2026</b>							
8.	180	Course on Space Science	May 04-08, 2026	1 week	Live & Interactive Course	Space Science	SPO, ISRO HQ

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9.	181	Land Deformation and Slope Stability	May 11-15, 2026	1 week	Live & Interactive Course	Thematic Application –Disaster Management	Dr. Arijit Roy/Dr. Harishankar
10.	182	Microwave Remote sensing applications in Agriculture	May 20, 2026	1 Day	Workshop	Thematic Application - Agriculture Science	Dr. Dipanwita Haldar
11.	183	Advances in Remote Sensing Data Analysis Techniques for Geological Applications	May 25-29, 2026	1 week	Live & Interactive Course	Thematic Application – Geosciences	Dr. Pratima Pandey
<b>June, 2026</b>							
12.	184	Space Technology & Applications-For School Teachers	June 08-12, 2026	1 week	Live & Interactive Course	Space Technology	Dr. Harish Chandra Karnatak/ Dr. Kamal Pandey
13.	185	Climate Change induced Disasters	June 22-26, 2026	1 week	Live & Interactive Course	Thematic Application –Disaster Management	Dr. Arijit Roy/Dr. C.M.Bhatt
<b>July, 2026</b>							
14.	186	Course on Space Science	July 06-10, 2026	1 week	Live & Interactive Course	Space Science	SPO, ISRO HQ
15.	SYM-02	Basics of “Remote Sensing, Geographical Information System and Global Navigation Satellite System.	by AICTE (Through <a href="#">SWAYAM portal</a> )	13 Weeks (Open)	MOOC	Remote Sensing and GIS	Dr. Poonam S. Tiwari
16.	187	Space Technology Applications in Sustaining Himalayan Ecology	July 13-24, 2026	2 Weeks	Live & Interactive Course	Thematic Application –Forestry and Ecology	Dr. Hitendra Padalia
17.	1054	Earth Observations and Numerical Model Applications for Tropical Cyclone Monitoring and Forecasting	July 30, 2026	1 Day	Workshop	Thematic Application - Atmospheric Science	Dr. Yogesh Kant/ Dr. Sanjeev Singh
<b>August, 2026</b>							
18.	15	Remote Sensing for Exploration of Geological Resources	April 27-May 01, 2026	1 Week	MOOC	Thematic Application - Geosciences	Mrs Richa U. Sharma

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19.	188	AI/ML for Geodata Analysis	August 03-14, 2026	2 Weeks	Live & Interactive Course	Data Science	Dr. Harish Karnatak/ Dr. Poonam S.Tiwari
20.	189	Basics of “Remote Sensing, Geographical Information System and Global Navigation Satellite System”.	August 24- November 20, 2026 (1600 hrs. to 1700 hrs.)	13 Weeks	Live & Interactive Course	Remote Sensing and GIS	Dr. Poonam S. Tiwari
21.	190	Remote Sensing and Digital Image Analysis.	August 24- September 18, 2026 (1600 hrs. to 1700 hrs.)	4 Weeks	Live & Interactive Course	Digital Image Analysis	Mrs. Minakshi Kumar
<b>September, 2026</b>							
22.	191	विज्ञान चर्चा	September 14-25, 2026 (1100 hrs. to 1200 hrs.)	2 weeks	Live & Interactive Course		Dr. Harish Chandra Karnatak/ Dr. Poonam S. Tiwari
23.	192	Overview of Global Navigation Satellite System.	September 21– October 02, 2026 (1600 hrs. to 1700 hrs.)	2 Weeks	Live & Interactive Course	Satellite Navigation	Dr. Ashutosh Bhardwaj
24.	193	NISAR Applications	September 21-26, 2026 (1100 hrs. to 1200 hrs.)	1 week	Live & Interactive Course	Advances in Remote Sensing	Mr. Ashish Joshi
<b>October, 2026</b>							
25.	194	Overview of Geographical Information System	October 05- 30, 2026 (1600 hrs. to 1700 hrs.)	3 Weeks	Live & Interactive Course	Technology - GIS	Dr. Vandita Srivastava/ Mr. Prabhakar Alok Verma
26.	195	AI/ML for Hydro-Informatics	October 05-09, 2026 (1100 hrs. to 1200 hrs.)	1 Week	Live & Interactive Course	Thematic Application – Water Resources	Dr. Praveen Thakur/ Dr. Vaibhav Garg
27.	1055	UAV Sensors Applications in Forestry and Ecology	October 22, 2026	1 Day	Workshop	Thematic Application –Forestry and Ecology	Dr. Hitendra Padalia
<b>November, 2026</b>							
28.	196	Overview of Geocomputation and Geo-web services	November 02-06, 2026 (1600 hrs. to 1700 hrs.)	1 week	Live & Interactive Course	Data Science	Dr. Kamal Pandey

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29.	197	RS & GIS Applications in Natural Resource Management	November 9-20, 2026 (1600 hrs. to 1700 hrs.)	2 Weeks	Live & Interactive Course	Thematic Applications	Mr. C.M. Bhatt
30.	1056	Geoscientific Perspectives on Geological Hazards: Assessment, Prediction, and Mitigation Techniques	November 25, 2026	1 Day	Workshop	Thematic Applications - Geosciences	Dr. Shovan Lal Chatteraj
31.	1057	Aerosols: measurement, retrieval and impacts	November 26-27, 2026	2 Day	Workshop	Thematic Applications - Atmospheric Science	Dr. Manu Mehta
<b>December, 2026</b>							
32.	1058	Remote Sensing and In situ Observations of the Moon	December 02, 2026	1 Day	Workshop	Thematic Applications - Geosciences	Dr. Mamta Chauhan
33.	1059	Raman Spectroscopy for Earth and Planetary Science	December 09, 2026	1 Day	Workshop	Advances in Remote Sensing	Dr Shashi Kumar

### **Enclosures:**

- **Annexure I/** परिशिष्ट-I - Guidelines for the coordinators/ समन्वयकों के लिए दिशानिर्देश
- **Annexure II/** परिशिष्ट-II - Guidelines for the Participants through Nodal center/ नोडल केंद्र के माध्यम से प्रतिभागियों के लिए दिशानिर्देश
- **Annexure III/** परिशिष्ट-III - Guidelines for the Individual Participants/ व्यक्तिगत पंजीकरण वाले प्रतिभागियों के लिए दिशानिर्देश
- **Annexure IV/** परिशिष्ट- IV - Guidelines for the School Teacher / स्कूल शिक्षक के लिए दिशानिर्देश

### **Contact:**

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