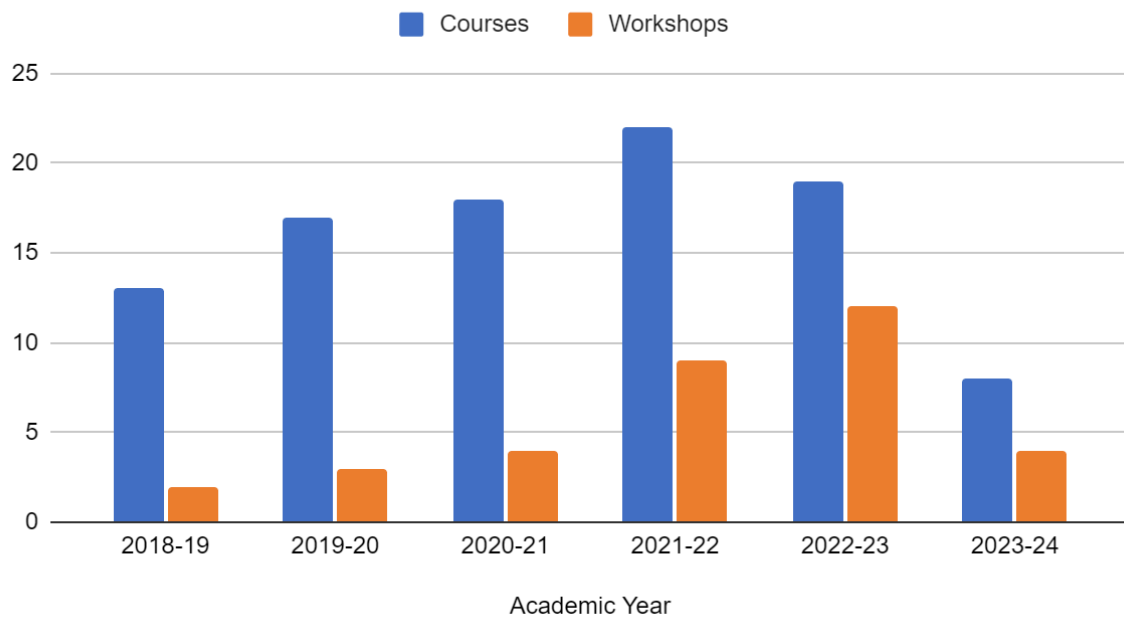


Pillai HOC College of Engineering and Technology

Pillai ISRO Outreach Network Institute

Academic Year	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Courses	13	17	18	22	19	8
Workshops	2	3	4	9	12	4

Courses and Workshops



					DAYS	HOURS	PARTICIPANTS
6	Courses	2017			30	60	3265
0	Workshops						
Sr	Course No	Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	22	UAV Remote Sensing and its applications	03-07-2017	07-07-2017	5	10	23
1	23	Basic of RS, GIS & GNSS	22-08-2017	04-12-2017	5	10	145
1	24	Remote Sensing and Digital Image Analysis	21-08-2017	15-09-2017	5	10	27
1	25	Hyperspectral remote sensing and its Applications	18-09-2017	21-09-2017	5	10	55
1	26	Global Navigation Satellite System & Geographical Information System	25-09-2017	10-11-2017	5	10	45
1	27	RS & GIS Applications	13-11-2017	08-12-2017	5	10	80
					30	60	375

13	Courses	2018			167	348	2890
2	Workshops						
Sr	Course No	Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	28	Close Range Photogrammetry and Terrestrial Laser Scanning	08-01-2018	22-01-2018	10	20	39
2	29	Hyperspectral Remote Sensing and Its Applications	09-02-2018	13-03-2018	5	10	76
3	30	Geomatics for Forest Fire Management	02-04-2018	06-04-2018	5	10	62
4	31	RS & GIS applications in Water Resources	16-04-2018	27-04-2018	11	22	55
5	32	Geospatial Modelling for Watershed Management"	01-05-2018	07-05-2018	6	12	6
6	33	Advanced Image Analysis	04-06-2018	18-06-2018	10	20	47
7	34	Geospatial Inputs for AMRUT Programme	23-07-2018	27-07-2018	5	10	21
8	35	Advanced Geospatial Modelling tools and techniques	06-08-2018	10-08-2018	10	20	4
9	36	Basic of RS, GIS & GNSS	04-09-2018	16-11-2018	41	82	770
10	37	Remote Sensing & Digital Image Analysis	04-09-2018	24-09-2018	16	32	716
11	38	Global Navigation Satellite System and Geographical Information System Module	17-09-2018	26-10-2018	25	50	741
12	39	RS & GIS Applications	29-11-2018	21-11-2018	15	30	282
13	40	Satellite Remote Sensing in Agrometeorological Applications"	03-12-2018	07-12-2018	6	12	32
					165	330	2851
Sr	WS No	Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	1002	1002- Workshop on Geo Spatial Technologies and Sendai framework for Disaster Risk Reduction	10-07-2018		1	8	10
2	1001	1001- Workshop on Hydromerological Disaster Management	15-05-2018		1	10	29
					2	18	39

					DAYS	HOURS	PARTICIPANTS
17	Courses	2019			193	398	1433
3	Workshops						
Sr	Course No	Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	41	Hyperspectral remote sensing and its Applications'	21-01-2019	01-02-2019	11	22	154
2	42	Principles of Polarimetric SAR Remote Sensing and its Processing"	18-02-2019	01-03-2019	10	20	201
3	43	Advances in Forest Remote Sensing"	05-03-2019	13-03-2019	11	22	168
4	44	Mapping, Monitoring and Modelling of Landslide and Earthquake Hazards	22-04-2019	26-04-2019	5	10	81
5	45	RS and GIS Applications in Watershed Management"	08-04-2019	15-04-2019	6	12	60
6	46	Advances in Remote Sensing and geospatial technologies for Disaster early warning, monitoring and mitigation	08-07-2019	12-07-2019	5	10	29
7	47	Satellite Remote Sensing for Air Pollution Studies	05-08-2019	09-08-2019	5	10	60
8	48	Digital Photogrammetry based 3D modelling	29-07-2019	02-08-2019	5	10	38
9	49	Geoprocessing using Python	22-07-2019	26-07-2019	5	10	56
10	50	Basic of RS, GIS & GNSS	19-08-2019	22-11-2019	56	112	186
11	51	Remote Sensing & Digital Image Analysis	19-08-2019	09-09-2019	15	30	163
12	52	Global Navigation Satellite System	12-09-2019	24-09-2019	9	18	27
13	53	Geographical Information System	29-09-2019	24-11-2019	17	34	42
14	54	RS & GIS Applications	29-10-2019	22-11-2019	15	30	2
15	55	WebGIS - GeoVisualization and Online Mapping	25-11-2019	29-11-2019	5	10	2
16	56	RS & GIS in Urban & Regional Planning	09-12-2019	20-12-2019	10	20	3
17	2001	NESAC Remote Sensing and GIS Technological Advances and Applications	24-04-2019	10-05-2019	0	0	3
					190	380	1275
Sr	WS No	Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	1006	1006- Workshop on Microwave Remote Sensing in Agriculture	26-05-2019		1	6	47
2	1007	1007- Satellite data access from online data repositories and ISRO Bhuvan geoportal	26-06-2019		1	6	54
3	1009	1009- Remote Sensing of the Moon by Indian Lunar Missions with Emphasis on Spectroscopic Analysis	23-12-2019		1	6	57
					3	18	158

					DAYS	HOURS	PARTICIPANTS
18	Courses	2020			211	430	1878
4	Workshops						
Sr	Course No	IIRS Outreach Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	57	Geoprocessing and Visualization in Web Platforms	27-01-2020	07-02-2020	10	20	15
2	58	Space Based Application of Geospatial Technologies for Disaster Risk Reduction"	24-02-2020	13-03-2020	14	28	15
3	59	Overview of Planetary Geosciences with special emphasis to the Moon and Mars	08-06-2020	12-06-2020	9	18	242
4	60	Application of Geoinformatics in Ecological Studies	13-07-2020	24-07-2020	9	18	107
5	61	Satellite Photogrammetry and its Applications	29-06-2020	03-07-2020	5	10	125
6	62	Geospatial Inputs for Enabling Master Plan Formulation	27-07-2020	31-07-2020	5	10	113
7	63	Remote Sensing Applications in Agricultural Water Management	03-08-2020	07-08-2020	6	12	110
8	64	Basic of RS, GIS & GNSS	17-08-2020	20-11-2020	35	70	118
9	65	Remote Sensing & Digital Image Analysis	17-08-2020	11-09-2020	21	42	89
10	66	Global Navigation Satellite System	14-09-2020	25-09-2020	9	18	59
11	67	Understanding of coastal ocean processes using remote sensing and numerical modelling	21-09-2020	25-09-2020	5	10	89
12	68	68- Global Information System	28-09-2020	15-10-2020	14	28	100
13	69	69- RS and GIS Applications	02-11-2020	20-11-2020	12	24	73
14	70	70- Remote Sensing on Land Degradation	01-12-2020	07-12-2020	6	12	14
15	72	72- Basics of GeoComputation and GeoWeb Services	02-11-2020	20-11-2020	9	18	47
16	9013	9013- Health GIS	15-06-2020	19-06-2020	10	20	149
17	9012	9012- Basics of SAR Remote Sensing	26-05-2020	30-05-2020	23	46	191
18	9011	9011- Basics Principles of Remote Sensing Technology	13-04-2020	25-04-2020	7	14	179
					209	418	1835
Sr	WS No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	1008	1008- अउतिरक्ष एवढेथिनक ू तकनीक: एक पिरचय	10-01-2020		1	6	11
2	9011	9011- Basics Principles of Remote Sensing Technology	13-04-2020				
3	1011	1010- Machine Learning for Remote Sensing Data Classsification	01-06-2020		1	6	32
4	1009	1009- Remote Sensing of the Moon by Indian Lunar Missions with Emphasis on Spectroscopic Analysis	23-12-2019		1	6	172
					2	12	43

					DAYS	HOURS	PARTICIPANTS
22	Courses	2021			207	445	293
9	Workshops						

Sr	Course No	IIRS Outreach Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	73	Overview of Geoprocessing using Python	18-01-2021	29-01-2021	9	18	24
2	74	Satellite based Navigation A Journey from GPS to Mobile Phone Platform	01-03-2021	12-01-2021	10	20	8
3	75	Geoinformatics for Disaster Management	04-05-2021	04-16-2021	12	24	9
4	76	GIS for Supply Chain Management	04-26-2021	04-30-2021	5	10	6
5	77	Geospatial Technology for Archaeological studies	17-05-2021	21-05-2021	5	10	4
6	78		Postponed				0
7	79		Postponed			0	0
8	80	Earth Observation (EO) for Carbon Cycle Studies	21-05-2021	25-05-2021	6	12	7
9	81	Overview of Web GIS Technology	21-06-2021	02-07-2021	11	22	5
10	82	Machine learning to Deep Learning: A journey for remote sensing data classification	05-07-2021	09-07-2021	10	20	7
11	83	Geospatial Technology for Hydrological Modelling	19-07-2021	30-07-2021	10	20	31
12	84	Geospatial Modelling for Watershed Management	02-08-2021	06-08-2021	5	10	24
13	85	Basic of RS, GIS & GNSS	16-08-2021	26-11-2021	50	100	10
14	86	Remote Sensing & Digital Image Analysis	16-08-2021	10-09-2021	20	40	9
15	87	Global Navigation Satellite System	13-09-2021	24-09-2021	10	20	6
16	88	Basic of GIS	27-09-2021	22-10-2021	17	34	3
17	89	Basics of Geocomputation and Geoweb Services	25-10-2021	02-11-2021	7	14	2
18	90	RS & GIS Applications in Natural Resources Management	08-11-2021	26-11-2021	14	28	0
19	91	Remote Sensing and GIS Technology (In Hindi)	08-11-2021	26-11-2021		0	13
20	92	Geospatial Inputs for Enabling Master Plan Formulation	11-10-2021	1-11-2021	5	10	5
21	93	Geoinformatics for Biodiversity Conservation Planning	06-12-2021	17-11-2021	6	12	1
22	94	Overview of Geoprocessing using Python	17-01-2022	28-01-2022	8	16	4
					201	402	168

Sr	WS No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	1014	Earth Observation Based mapping, Monitoring and Modelling of Landslide: Recent trends and support to early warning system	21-04-2021		1	8	7
2	1012	Applications Satellite Altimetry for Inland Waterbodies	27-10-2021		1	6	50
3	1013	Lunar Remote Sensing and its Applications	Postponed				0

4	1014	Earth Observation Based mapping, Monitoring and Modelling of Landslide: Recent trends and support to early warning system	21-04-2021		1	6	7
5	1015	Remote Sensing for Lunar Science	11-08-2021		1	8	35
6	1016	Postponed	Postponed				0
7	1017	SAR application for flood hazard mapping & monitoring	16-07-2021		1	7	23
8	1018		Postponed				0
9	1019	Geospatial Modeling Driven Urban Hazard and Risk Analysis	21-12-2021		1	8	3
					6	43	125

					DAYS	HOURS	PARTICIPANTS
19	Courses	2022			170	412	355
12	Workshops						
Sr	Course No	IRS Outreach Course Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	94	Overview of Geoprocessing using Python	17-01-2022	28-01-2022	8	16	10
2	95	Global Navigation Satellite System and Location based services	21-02-2022	04-03-2022	10	20	3
3	96	Hyperspectral and Microwave Remote Sensing Techniques for Geological Studies	07-03-2022	17-03-2022	10	20	2
4	97	Advanced Geospatial Technologies for Disaster Risk Reduction (DRR)	18-04-2022	29-04-2022	11	22	3

5	98	Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing	02-05-2022 2	13-05-2022	9	18	3
6	99	Geospatial Applications for Forest Ecosystem Analysis	20-06-2022 2	25-06-2022	5	10	2
7	100	Machine Learning to Deep Learning : A Journey of Remote Sensing Data Classification	04-07-2022 2	08-07-2022	10	20	3
8	101	Satellite Remote Sensing of Atmosphere	11-07-2022	15-07-2022	5	10	17
9	102	REMOTE SENSING & GIS APPLICATIONS IN AGRICULTURE	25-07-2022 2	29-07-2022	5	10	27
10	103	Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System	22-08-2022 2	25-11-2022		0	67
11	104	Remote Sensing and Digital Image Analysis	22-08-2022 2	16-09-2022	17	34	26
12	105	X				0	
13	106	सुदूर संवेदन एवं जीआईएस प्रौद्योगिकी के अनुप्रयोग (Fundamentals of RS and GIS Technology) - In Hindi	14-09-2022 2	28-09-2022	16	32	5
14	107	Overview of Global Navigation Satellite System	19-09-2022 2	30-09-2022	9	18	3
15	108	Overview of Geographical Information System	03-10-2022 2	27-10-2022	17	34	3
16	109	Basics of Geocomputation and Geoweb Services	31-10-2022 1	04-11-2021	5	10	3
17	110	RS & GIS Applications in Natural Resources Management	11-11-2022	25-11-2022	11	22	1
18	111	Advances in monitoring and modelling of hydro-meteorological hazards using geospatial technology and process based models'	05-12-2022 2	09-12-2022	5	10	3
19	112	Geo-data sharing and Cyber Security	17-10-2022 2	21-10-2022	5	10	6
					158	316	187
Sr	WS No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	1020	“सिरू संविन तकनीक व इसके अनु प्रयोग	07-01-2022 2		1	8	11
2	1021	Status, Challenges and Opportunities for Geospatial Technology Applications in Irrigation Water Management	17-05-2022 2		1	8	3
3	1022	“Planetary Exploration of the Moon and Mars: Findings from Indian Remote Sensing Missions”	20-05-2022 2		1	8	27
4	1023	Flood monitoring using space based Earth Observations System	postponed		1	8	20
5	1024	Water Quality Studies using Hyperspectral Remote Sensing for the Indian Coastal and Inland Waters	05-08-2022 2		1	8	20
6	1025	Geo Data Processing in Cloud Computing platform - Case Study using Google search engine	postponed		1	8	5
7	1026	Cryospheric and Mass Moments in Himalayas: Recent Trends in remote Sensing Techniques	postponed		1	8	1
8	1027	UAV Remote Sensing	21-11-2022		1	8	3
9	1028	Applications of Geospatial Technology in Paleochannel Studies: Potential And Future Trends	11-09-2022		1	8	3

10	1029	अंतररक्ष प्रौद्योगिकी और इसके अनुप्रयोग	10-01-2023		1	8	7
11	1030	Flood monitoring using space based Earth Observations System	21-05-2023		1	8	67
12	1031	Application of SAR data for land deformation studies	postponed		1	8	1
					12	96	168

					DAYS	HOURS	PARTICIPANTS
26	Courses	2023			179	396	339
5	Workshops						

Sr	Course No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	113	Overview of Geo-processing using Python	20-02-2023	24-2-2023	5	10	17
2	114	Advances in Remote Sensing Techniques for Geological Applications	13-03-2023	24-03-2023	12	24	5
3	115	SAR Data Processing & its Application with Special Emphasis on RISAT-1A/EOS-4	10-04-2023	14-04-2023	4	8	1
4	116	Overview of Free and Open Source Software for Geospatial Technology	24-04-2023	28-04-2023	5	10	2
5	117	Geospatial Technology for Archaeological studies	8/7/2023	8/11/2023	6	12	53
6	118	Machine Learning Application in Urban Studies	05-06-2023	09-06-2023	5	10	7
7	7013	Geospatial Modeling Driven Urban Hazard and Risk Analysis	13-02-2023	17-02-2023	5	10	
8	7014	RS and GIS Applications in Atmospheric and Oceanic Hazards	27-02-2023	03-04-2023	5	10	
9		Massive Open Online Course On Remote Sensing for Natural	6/12/2023	6/23/2023			

		Resource Studies- For school students					
10	3001	Space Science Technology & AwaReness Training (START) Programme - 2023	7/20/2023	8/7/2023		13	
11	119	Geospatial Technology for Climate-Smart Agriculture	7/10/2023	7/14/2023	5	10	1
12	120	Online short course on Satellite meteorology applications in weather and climate studies	8/7/2023	08-11-2023	5	10	60
13	121	Advanced Geospatial Techniques in Disaster Management Support	8/7/2023	08-11-2023	5	10	10
14	122	Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System	8/28/2023	11/17/2023			31
15	123	Remote Sensing & Digital Image Analysis	8/28/2023	9/22/2023	26	52	2
16	125	अंतररक्ष प्रौद्योगिकी का अवलोकन	9/14/2023	09-27-2023	10	20	16
17	126	Global Navigation Satellite System	9/25/2023	10/6/2023	9	18	8
18	11	One- Month MOOC on Earth Observation for Climate Action	9/15/2023	10/14/2023	22	44	
19	127	Overview of Geographical Information System	10/9/2023	10/27/2023	14	28	5
20	128	Basics of Geocomputation and Geoweb Services	10/30/2023	11/3/2023	5	10	6
21	129	RS & GIS Applications	11/6/2023	11/17/2023	10	20	5
22	130	Automatic Feature Extraction from High Resolution Images	11/20/2023	11/24/2023	5	10	10
23	131	Geo-data sharing and Cyber Security	11/28/2023	12/11/2023	11	22	9
24	132	Application of Proximal Remote Sensing in Ecological Studies					3
25	133	Geoprocessing using Python					7
26	3001	START ISRO- OVERVIEW OF SPACE SCIENCE AND TECHNOLOGY	20/07/2023	07/08/2023	23	46	227
					174	361	251
Sr	WS No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	1032	Geomatics in Urban Disasters	24-05-2023		1	7	2
2	1033	Integration of Ground based in-situ observations / measurements with EO data for enhanced geological applications: Advantages & Challenges	24-08-2023		1	7	71
3	1034	Remote sensing based data analytics in Agriculture	05-10-2023		1	7	7
4	1035	Eddy Covariance Technique for Ecosystem Studies	22-12-2023		1	7	3
5	1036	Monetering Forest disturbances using geospatial technologies	04-10-2023		1	7	5
					5	35	88

					DAYS	HOURS	PARTICIPANTS
8	Courses	2024			62	124	296
4	Workshops						
Sr	Course No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1	134	Exploring Earth's Moon through Chandrayaan	15/01/2024	19/01/2024	5	10	59
2	135	Geospatial Analysis using Google Earth Engine	19/02/2024	23/02/2024	5	10	36
3	136	Advances in Remote Sensing Techniques for Geological Applications	11/03/2024	15/03/2024	5	10	21
4	137	The Aditya L1 Mission and Scientific Opportunities	18/03/2024	22/03/2024	5	10	80
5	138	Applications of Geospatial Technology in Paleo channel Studies: Potential and Future Trends	20/05/2024	24/05/2024	5	10	13
6	139	START ISRO-Exploration of the Solar System	24/04/2024	10/05/2024	27	54	77
7	140	Forest Carbon and Water Cycle Monitoring and Modelling	13/05/2024	17/05/2024	5	10	1
8	141	Geospatial Technology for modellin of Urban Environmnet	27/05/2024	31/05/2024	5	10	9
9							
10							

11							
12							
13							
14							
15							
16							
17							
18							
19							
					62	124	296
Sr	WS No	IIRS Outreach Workshop Name	From	To	No.Of Days	No.of Hours	Registered Participants
1							
2							
3							
4							
5							
					0	0	0