

**INDIAN INSTITUTE OF REMOTE SENSING-INDIAN SPACE
RESEARCH INSTITUTE OUTREACH PROGRAMS**

Kamala Nehru College became a network institute for conducting Outreach Programmes of IIRS [Indian Institute of Remote Sensing], Indian Space Research Organization (ISRO), Department of Space, Government of India, Dehradun. The name of our Institute as a Nodal Centre is included in online application form of IIRS Outreach Programme.

**1) 60TH IIRS-ISRO OUTREACH PROGRAMME ONLINE COURSE ON
APPLICATION OF GEOINFORMATICS IN ECOLOGICAL STUDIES**

13-07-2020 to 24-07-2020

This programme helped students to have more exposure on the field of Application of Geoinformatics in Ecological Studies. As Environmental Geography and GIS both are essential part of Geography, this course has helped to gain knowledge on this interlinked specialization. Online classes for this course were held by IIRS and attended by the participants from home due to covid restrictions against all odds.

On the basis of the online attendance students were being allowed to appear for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. They appeared for the examination from home under strict guidelines and got certificates accordingly.

Certificate: Application of Geoinformatics in Ecological Studies

 <p>सत्यमेव जयते</p>	<p>भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA</p>	
	<p>बहिः परिसर संपर्क/ विस्तार कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME</p>	<p>COR6014782020</p>
	<p>संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE</p>	
<p>यह प्रमाणित किया जाता है कि कमला नेहरू कॉलेज, यूनिवर्सिटी ऑफ दिल्ली ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम “पारिस्थितिकी अध्ययन में भू-सूचना विज्ञान के अनुप्रयोग” में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 13 जुलाई, 2020 से 24 जुलाई, 2020 तक किया गया।</p>		
<p>This is to certify that Kamala Nehru College, University of Delhi, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on “Application of Geoinformatics in Ecological Studies”. This online programme was conducted during July 13, 2020 to July 24, 2020.</p>		
<p>दिनांक/ Date: 15-09-2020 देहरादून/ Dehradun</p>	<p> प्रमुख, नियोजन सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS</p>	<p> समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Head, Geospatial Technologies & Outreach Programme Group, IIRS</p>

2) 64TH IIRS-ISRO OUTREACH ONLINE COURSE ON BASICS OF REMOTE SENSING GEOGRAPHIC INFORMATION AND GLOBAL NAVIGATION SATELLITE SYSTEM.

17/08/2020 to 20/11/2020

Online Course on Basics of Remote Sensing & Geographic Information System helped students to understand the usability and applicability of RS & GIS in a combined mode. Both are essential for better understanding on spatial data modeling. Online classes for this course were attended by the participants from home due to covid restrictions.

On the basis of the online attendance students were being allowed to appeared for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. They appeared for the examination from home under strict guidelines and got certificates accordingly.

Certificate: 64TH IIRS Outreach Programme on Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System.

 सत्यमेव जयते	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	
	बहिः पाठ्यालय संयोजक/ विद्यार्थी कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME	COR6414782020
	संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE	
<p>यह प्रमाणित किया जाता है कि कमला नेहरू कॉलेज, यूनिवर्सिटी ऑफ दिल्ली ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम रिमोट सेन्सिंग, जीआईएस और जीएनएसएस के मूलभूत सिद्धांत में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 17 अगस्त, 2020 से 20 नवंबर, 2020 तक किया गया।</p> <p>This is to certify that Kamala Nehru College, University of Delhi, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System. This online programme was conducted during August 17, 2020 to November 20, 2020</p>		
दिनांक/ Date: 24-12-2020 देहरादून/ Dehradun	प्रमुख, विशेष संचालन, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS	समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

3) IIRS-ISRO 75TH OUTREACH PROGRAM ON GEOINFORMATICS FOR DISASTER MANAGEMENT

05/04/2021-16/04/2021

Outreach Programme on Geoinformatics for Disaster Management was a specialised course with added modules and specification. Online classes for this course were attended by the participants from home due to covid restrictions.

On the basis of the online attendance students were being allowed to appeared for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. They appeared for the examination from home under strict guidelines and got certificates accordingly.

Certificate: Geoinformatics for Disaster Management

 सत्यमेव जयते	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	
	बहिः पॉरसर सेन्कें/ विस्तार कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME	COR7514782021
	संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE	
<p>यह प्रमाणित किया जाता है कि कमला नेहरू कॉलेज, यूनिवर्सिटी ऑफ दिल्ली ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम “आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग” में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 05 अप्रैल, 2021 से 16 अप्रैल, 2021 तक किया गया।</p> <p>This is to certify that Kamala Nehru College, University of Delhi, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on “Geoinformatics for Disaster Management”. This online programme was conducted during April 05, 2021 to April 16, 2021.</p>		
दिनांक/ Date: 09-06-2021 देहरादून/ Dehradun	 प्रमुख, जियोवेन सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS	 समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

4) IIRS –ISRO 88TH PROGRAMME ON BASICS OF GEOGRAPHICAL INFORMATION SYSTEM

27-09-2021 to 22-10-2021

During pandemic time this programme on Basics of Geographical Information System has created positive energy to learn something new from home by new undergraduate batches. Students learnt many new applications on GIS and open-source soft-wares. Online classes for this course was held and participants attended from home due to covid restrictions.

On the basis of the online attendance students were being allowed to appeared for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. Students appeared for the examination from home under strict guidelines and 44 students got certificates.

Certificate: Basics of Geographical Information System

	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	
	शह: पौराण संयर्क/ वलरार कर्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME	COR2021881478
	संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE	
<p>यह प्रमाणित किया जाता है कि कमला नेहरू कॉलेज, यूनिवर्सिटी ऑफ दिल्ली ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम भौगोलिक सूचना प्रणाली के मूलभूत सिद्धांत में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 27 सितम्बर, 2021 से 22 अक्टूबर, 2021 तक किया गया।</p>		
<p>This is to certify that Kamala Nehru College, University of Delhi, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on Basics of Geographical Information System. This online programme was conducted during September 27, 2021 to October 22, 2021</p>		
दिनांक/ Date: 07-12-2021 देहरादून/ Dehradun	प्रमुख, ऑनलाइन सर्विस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS	समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

5) 53RD IIRS-ISRO OUTREACH PROGRAMME ONLINE COURSE ON GEOGRAPHICAL INFORMATION SYSTEM

25-09-2019 to 28 -10- 2019

This programme helped students to have more exposure on the field of Geographical Information System which was also a part of their syllabus. Regular classes for this course were held purely on physical mode at Kamala Nehru College in 2019 by streaming live lectures, group discussions from IIRS, Dehradun conducted by senior faculty members and scientists. This has provided ideas about the GIS industry and future research to the students.

On the basis of the attendance students were being allowed to appear for the final online examination scheduled by IIRS on specific slots. They appeared for the examination at Computer Lab of Kamala Nehru College under strict invigilation of teachers from Department of Geography. 24 students got certificates from IIRS after clearing the exam.

Certificate: Geographical Information System

 सत्यमेव जयते	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	
	बहिः पॉस्यार सेंटर/ विद्यार्थी कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME	COR5314782020
	संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE	
<p>यह प्रमाणित किया जाता है कि कमला नेहरू कॉलेज, यूनिवर्सिटी ऑफ दिल्ली ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "भौगोलिक सूचना प्रणाली" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 25 सितम्बर, 2019 से 24 अक्टूबर, 2019 तक किया गया।</p> <p>This is to certify that Kamala Nehru College, University of Delhi, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Geographical Information System". This online programme was conducted during September 25, 2019 to October 24, 2019.</p>		
दिनांक/ Date: 26-02-2020 देहरादून/ Dehradun	प्रमुख, बिद्योत्पन्न सर्विस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS	समूह प्रमुख, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Students Enrolled in Outreach Program

	Title	Date	Institute	No of Participants
1	53rd IIRS-ISRO Outreach programme online Course on Geographical Information System	25-09-2019 To 28 -10- 2019	Geography Department	29
3	60th IIRS-ISRO Outreach programme online course on Application of Geoinformatics in Ecological Studies	13-07-2020 To 24-07-2020	Geography Department	10
6	64th IIRS-ISRO Outreach Online Course on Basics of Remote Sensing & Geographic Information System	17/08/2020 to 20/11/2020	Geography Department	5
7	IIRS 75th Geoinformatics for Disaster Management	05/04/2021- 16/04/2021	Geography Department	2
8	IIRS 88th Basics of Geographical Information System	27-09-2021 to 22-10-2021	Geography Department	105